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Upland Operable Unit Supplemental Remedial Investigation Work Plan Bradford Island NPL Site, Cascade Locks, Oregon

Prepared for

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Acronyms and Abbreviations

Note: Acronyms and abbreviations are defined on first use in text, or in the table notes if the term appears in a table first. If a term has been defined previously in text or a table, the definition is not repeated under subsequent tables.

°C	degree(s) Celsius
°F	degree(s) Fahrenheit
%R	percent recovery
µg/kg	microgram(s) per kilogram
µg/L	microgram(s) per liter
µg/m^3	microgram(s) per cubic meter
A2LA	American Association of Laboratory Accreditation
amsl	above mean sea level
amu	atomic mass unit
AOPC	area of potential concern
ASQ	American Society for Quality
AST	aboveground storage tank
ASTM	ASTM International
B2EHP	bis(2-ethyl hexyl)phthalate
BERA	baseline ecological risk assessment
BFB	4-bromofluorobenzene
bgs	below ground surface
BHC	benzene hexachloride
BHHRA	baseline human health risk assessment
BRZ	boating restriction zone
CAS	Chemical Abstracts Service
CCB	continuing calibration blank
CCV	continuing calibration verification
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFR	*Code of Federal Regulations*
cfs	cubic feet per second
CGWP	Certified Groundwater Professional
COC	chemical of concern
CoC	chain-of-custody
COD	coefficient of determination

COEC	chemical of ecological concern
COI	chemical of interest
cPAH	carcinogenic polycyclic aromatic hydrocarbons
CPR	cardiopulmonary resuscitation
CQA	Certified Quality Auditor
CQM	Certified Quality Manager
CSSGB	Certified Six Sigma Green Belt
CSM	conceptual site model
CVAA	cold vapor atomic absorption
cy	cubic yard(s)
DCE	dichloroethene
DDD	dichlorodiphenyldichloroethane
DDE	dichlorodiphenyldichloroethene
DDT	dichlorodiphenyltrichloroethane
DEHP	bis(2-ethylhexyl)phthalate
DEM	digital elevation model
DFTPP	decafluorotriphenylphosphine
DI	deionized
DNOP	di-n-octylphthalate
DO	dissolved oxygen
DOC	dissolved organic carbon
DoD	U.S. Department of Defense
DPT	direct push technology
DQO	data quality objective
ECD	electron capture donor
ECO	ecological screening level
ECSB	Eagle Creek Slide Block
EDD	electronic data deliverable
EDL	estimated detection limit
EIS	extracted internal standard
ELA	equipment laydown area
ELAP	Environmental Laboratory Accreditation Program
EPA	U.S. Environmental Protection Agency
ERA	ecological risk assessment
ERGO	Environmental Review Guide for Operations

ESI/LC/MS/MS	electrospray interface/liquid chromatography/mass spectrometry/mass spectrometry
ESU	evolutionarily significant unit
FD	field duplicate
FFA	Federal Facility Agreement
FID	flame ionization detector
Forebay	Bonneville Dam Forebay
FS	feasibility study
g	gram(s)
GC	gas chromatography
HAZWOPER	hazardous waste operations and emergency response
HDPE	high-density polyethylene
HGL	HydroGeoLogic, Inc.
HH	human health screening level
HHRA	human health risk assessment
HI	hazard index
HMSA	Hazardous Materials Storage Area
HPAH	high-molecular-weight polycyclic aromatic hydrocarbons
HPLC	high-performance liquid chromatography
HQ	hazard quotient
HRGC	high resolution gas chromatography
HRMS	high resolution mass spectrometry
HSA	hollow-stem auger
ICAL	initial calibration
ICB	initial calibration blank
ICS	interference check sample
ICV	initial calibration verification
ID	identification
IDL	instrument detection limit
ICP	inductively coupled plasma
ICP-AES	inductively coupled plasma atomic emission spectroscopy
ICPMS	inductively coupled plasma mass spectrometry
IS	internal standard
ISM	incremental sampling methodology
L	liter(s)
LC	liquid chromatography

LCL	lower confidence limit
LCMS	liquid chromatography mass spectrometer
LCS	laboratory control sample
LCSD	laboratory control sample duplicate
LDR	linear dynamic range
LF	Landfill AOPC
LIMS	laboratory information management system
LLCCV	low-level calibration check verification
LOAEL	lowest observed adverse effects level
LOC	level of concern
LOQ	limit of quantitation
MD	matrix duplicate
MDL	method detection limit
mg/kg	milligram(s) per kilogram
mg/L	milligram(s) per liter
mL	milliliter(s)
MP	management plan
MPC	measurement performance criteria
MS	matrix spike
MSD	matrix spike duplicate
msl	mean sea level
MSR	monthly status report
NA	not applicable
NAVD88	North American Vertical Datum of 1988
NELAP	National Environmental Laboratory Accreditation Program
NGVD29	National Geodetic Vertical Datum of 1929
NIST	National Institute of Standards and Technology
NOAEL	no observed adverse effects level
NPL	National Priorities List
OAR	Oregon Administrative Rule
OCP	organochlorine pesticide
ODFW	Oregon Department of Fish and Wildlife
Oregon DEQ	Oregon Department of Environmental Quality
ORP	oxidation-reduction potential
OSHA	Occupational Safety and Health Administration

OU	operable unit
PA	preliminary assessment
PAH	polycyclic aromatic hydrocarbons
PARCCS	precision, accuracy, representativeness, comparability, completeness, and sensitivity
PCB	polychlorinated biphenyls
PCE	tetrachloroethene
PFK	perfluorokerosene
PG	Professional Geologist
pg/g	picocuries per gram
PID	photoionization detector
PM	Project Manager
PMP	Project Management Professional
ppm	part(s) per million
PQL	practical quantitation limit
PQO	project quality objective
PRG	preliminary remediation goal
PSL	project screening level
PVC	polyvinyl chloride
QA	quality assurance
QAM	quality assurance manual
QAPP	quality assurance project plan
QC	quality control
QSM	Quality Systems Manual
RBC	risk-based concentration
RCRA	Resource Conservation and Recovery Act
RF	response factor
RI	remedial investigation
RL	reporting limit
RM	river mile
RPD	relative percent difference
RRO	residual-range organics
RRT	relative retention time
RSD	relative standard deviation
RT	retention time
SB	Sandblast Area AOPC

SI	site investigation
SIM	selected ion monitoring
SLV	screening level value
SME	subject matter expert
SOP	standard operating procedure
SRI	supplemental remedial investigation
SRM	standard reference material
SSGDA	Former Spent Sandblast Grit Disposal Area
SSI	supplemental site investigation
SVOC	semivolatile organic compound
TAL	target analyte list
TBD	to be determined
TC	total carbon
TCE	trichloroethene
TCLP	toxicity characteristic leaching procedure
TCT	Technical Coordination Team
TDS	total dissolved solids
TIC	tentatively identified compound
TOC	total organic carbon
TPH	total petroleum hydrocarbons
TPH-DRO	total petroleum hydrocarbons as diesel-range organics
TPH-GRO	total petroleum hydrocarbons as gasoline-range organics
UCL	upper confidence limit
UFP-QAPP	uniform federal policy quality assurance project plan
UPL	upper prediction limit
URS	URS Corporation
USACE	U.S. Army Corps of Engineers
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
VISL	vapor intrusion screening level
VOA	volatile organic analysis
VOC	volatile organic compound
WA ECY	Washington State Department of Ecology
WDF	Washington Department of Fisheries
WSB	Weather Slide Block

SECTION 1

Introduction

This Work Plan describes the approach and activities for a Supplemental Remedial Investigation (SRI) at Bradford Island National Priorities List (NPL) Site (Bradford Island) (Figure 1-1). Bradford Island was added to the U.S. Environmental Protection Agency's (EPA) NPL in February 2022 under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). U.S. Army Corps of Engineers (USACE) acts as the lead federal agency in accordance with Executive Order 12580. Jacobs prepared this Work Plan under the Department of the Army, USACE Kansas City District, Contract Number W912DQ-21-D-3006, Task Order Number W912DQ23F3038.

The SRI is focused on portions of the Upland Operable Unit (OU) not impacted by the upcoming non-time critical removal action (NTCRA). The Upland OU was designated in the early stages of the Remedial Investigation (RI) as a result of preliminary investigations into the Landfill area and other adjacent locations with visible signs of contamination. The Upland OU includes four areas of potential concern (AOPCs): Landfill AOPC, Sandblast Area AOPC, Bulb Slope AOPC, and Pistol Range AOPC (Figure 1-2). The SRI will focus on addressing specific open questions and data limitations in parts of the Landfill ~~AOPC~~ and Sandblast Area AOPCs to support a future feasibility study (FS). Because the intention of the NTCRA is to remove them in their entirety, no SRI work is planned for the Bulb Slope and Pistol Range AOPCs. The SRI will also investigate the possibility of PCB or metals contamination from possible road oiling or backfilling with sandblast grit in the eastern part of the island and ~~, the Road Complex in the eastern portion of Bradford Island, and~~conduct sampling on the western part of ~~West~~ Bradford Island to assess potential contamination associated with fish ladder dredge materials. ~~will address data gaps in the Upland Operable Unit (OU) on the east side of Bradford Island in addition to assessing potential contamination along the Road Complex and on the west side of Bradford Island (West Bradford Island).~~ Data collected during the SRI and the NTCRA will be integrated into an SRI Report that will include an update to the conceptual site model (CSM) and recommendations for any appropriate follow-up investigations.

1.1 Site Description

Bradford Island in Cascade Locks, Oregon, is part of the Bonneville Dam and Lock complex (Bonneville Dam complex), located on the Columbia River (Figure 1-3). The dam is located approximately 40 miles east of Portland, Oregon, and approximately 145 miles upstream of the Columbia River mouth. The dam is located near the upper limit of tidal influence from the Pacific Ocean and is the most downstream dam within the Columbia-Snake River navigation system. Bonneville Pool is a 48-mile reservoir that extends upstream from the Bonneville Dam to the Dalles Dam. The pool is up to 100 feet deep within the forebay of the Bonneville Dam spillway.

The major features on Bradford Island are the Bradford Island visitor center, fish ladders, the service center building, and the equipment building. The visitor center and fish ladders on the western portion of the island (West Bradford Island) are accessible to the public. The eastern portion (Upland OU) of Bradford Island is fenced and is not accessible to the public. A service center building, an equipment building, a hazardous materials storage area, and laydown areas are on the eastern portion of the island. A former sandblast building was partially demolished in 2012 after being previously damaged in a storm; the concrete foundation and basement are still present.

A fish hatchery, main office, and the navigation lock visitor center are located on the Oregon shore of the Columbia River. A warehouse and automotive garage facility, and navigation lock support facilities are located on Robins Island, between the Oregon shore and Bradford Island. Another fish ladder is

located on Cascades Island, and a third visitor center is located on the north shore of the Columbia River in Washington State (URS-USACE 2012).

1.2 Bonneville Dam Complex Background

The Bonneville Dam complex was constructed between 1933 and 1938, and operations continue to the present. Bonneville Dam, built and operated by USACE since 1938, was the first federal lock and dam on the Columbia and Snake Rivers. The Bonneville Dam complex is a multipurpose facility that consists of the First and Second Powerhouses, the old and new navigation locks, and a spillway (URS-USACE 2016) (Figure 1-3). The First Powerhouse, spillway, and original navigation lock were also completed in 1938 to improve navigation on Columbia River and provide hydropower to the Pacific Northwest. A second powerhouse was completed in 1981, and a larger navigation lock was constructed in 1993 (www.nwp.usace.army.mil/bonneville).

The Columbia River at Bonneville Dam is divided into three channels by two islands: Bradford Island and Cascades Island. Bradford Island is located at the south end of the spillway and the north end of the First Powerhouse. A third island, Robins Island, located between the Oregon shore and Bradford Island (Figure 1-1), serves as the southern terminus for the First Powerhouse, and is an island only by virtue of the navigation channel (second lock) excavated between the Oregon shore and what is now Robins Island.

Bonneville Dam is currently an active hydro-electric power plant. The USACE operates and maintains Bonneville Dam for hydropower, fish and wildlife protection, recreation, and navigation. Two federally authorized power plants are included in the complex and provide power to the Bonneville Power Administration for the regional power grid.

1.3 Project Background

Site investigations (SIs) on Bradford Island began at the Landfill. The Landfill was used from the early 1940s until the early 1980s. In 1996, USACE informed EPA and the Oregon Department of Environmental Quality (Oregon DEQ) of the presence of the Landfill. The Landfill was added to the Oregon DEQ Environmental Cleanup Site Information database in April 1997, and the Bonneville Dam Project Manager (PM) signed an Oregon DEQ Voluntary Cleanup Agreement letter for the Landfill on 18 February 1998, under the Oregon DEQ Voluntary Cleanup Program (URS-USACE 2016). In 2004, USACE elected to continue the Bradford Island project under CERCLA. Bradford Island was added to EPA's NPL in February 2022. With EPA oversight, USACE continues to actively work with the Oregon DEQ, as well as Federal Facility Agreement (FFA) agencies and interested parties, to address concerns regarding this investigation and any associated cleanup at the Bradford Island NPL Site under CERCLA.

Numerous investigations have been performed at Bradford Island by USACE and its contractors since 1997, focusing on two OUs, the Upland OU and the River OU. Additional details related to previous site investigations are summarized in Section 2 and Table 2-1. The Upland OU, the focus of this SRI Work Plan, is located on the east side of Bradford Island and includes four AOPCs: Landfill, Sandblast Area, Bulb Slope, and Pistol Range (Figure 1-2). The *Remedial Investigation Report: Upland and River Operable Units* (RI Report) (URS Corporation [URS]–USACE 2012) documented the RI performed at both OUs, identified source areas, defined the nature and extent of the environmental contamination, and identified the chemicals of potential concern (COPCs) for human health and chemicals of potential ecological concern (CPECs) in the media from the Upland and River OUs. Baseline risk assessments were completed for the four AOPCs in the Upland OU and documented in the *Baseline Human Health and Ecological Risk Assessment, Upland OU* (URS-USACE 2016) and the *Bradford Island Upland Operable Unit Reevaluation of Baseline Risk Assessment Calculations Addendum* (USACE 2017a) and identified chemicals of concern (COCs) and chemicals of ecological concern (CECs); hereafter referred to as COECs

to be consistent with USACE guidance [USACE 2010]). The COCs and COECs identified in soil at the Landfill AOPC include arsenic, chromium, copper, lead, mercury, nickel, chlordane, benzo(a)pyrene, carcinogenic polycyclic aromatic hydrocarbons (cPAHs), high-molecular-weight polycyclic aromatic hydrocarbons (HPAHs), and total polychlorinated biphenyls (PCBs). The COCs and COECs identified in soil at the Sandblast Area AOPC include arsenic, antimony, chromium, lead, nickel, bis(2-ethylhexyl)phthalate (DEHP), benzo(a)pyrene, cPAHs, HPAHs, and total PCBs. Lead was identified as a COEC at the Pistol Range AOPC. No COCs or COECs were retained for soil at the Bulb Slope AOPC or for groundwater at any AOPC. A summary of previous investigations at Bradford Island is presented in Section 2. The Landfill AOPC, Sandblast Area AOPC, and West Bradford Island conceptual site models (CSMs) are summarized in Section 3.

The River OU was identified in 2000, when electrical equipment and other solid waste were discovered in the Columbia River along the north shore of Bradford Island. Following preliminary characterization of area sediments and hydraulic modeling of river currents, the River OU was generally defined as those portions of the Columbia River from the Bonneville Dam to a point upstream of Goose Island. The lateral boundaries were set as the riverbanks of the Columbia River from the Oregon shoreline to the Washington shoreline. A separate SRI Work Plan is being developed to evaluate data gaps associated with the River OU.

1.4 Project Objectives

This Work Plan details the activities to be conducted in support of the Upland OU SRI at Bradford Island. The overall objectives of this project are as follows:

- Further evaluate groundwater flow conditions and current lateral extent of groundwater contamination in the ~~Landfill and~~ Sandblast Area AOPC~~s~~.
- Evaluate groundwater flow conditions and the source of PCBs detected in groundwater at reference well MW-10.
- Refine the lateral and vertical extent of contamination in soil associated with the Sandblast Area AOPC, including the Current Hazardous Materials Storage Area (HMSA), Former HMSA, and Erodible Soils Area.
- Assess whether past maintenance practices contaminated surface soil on roads in the Upland OU.
- Assess whether past disposal practices contaminated surface and subsurface soils in the central part of West Bradford Island.

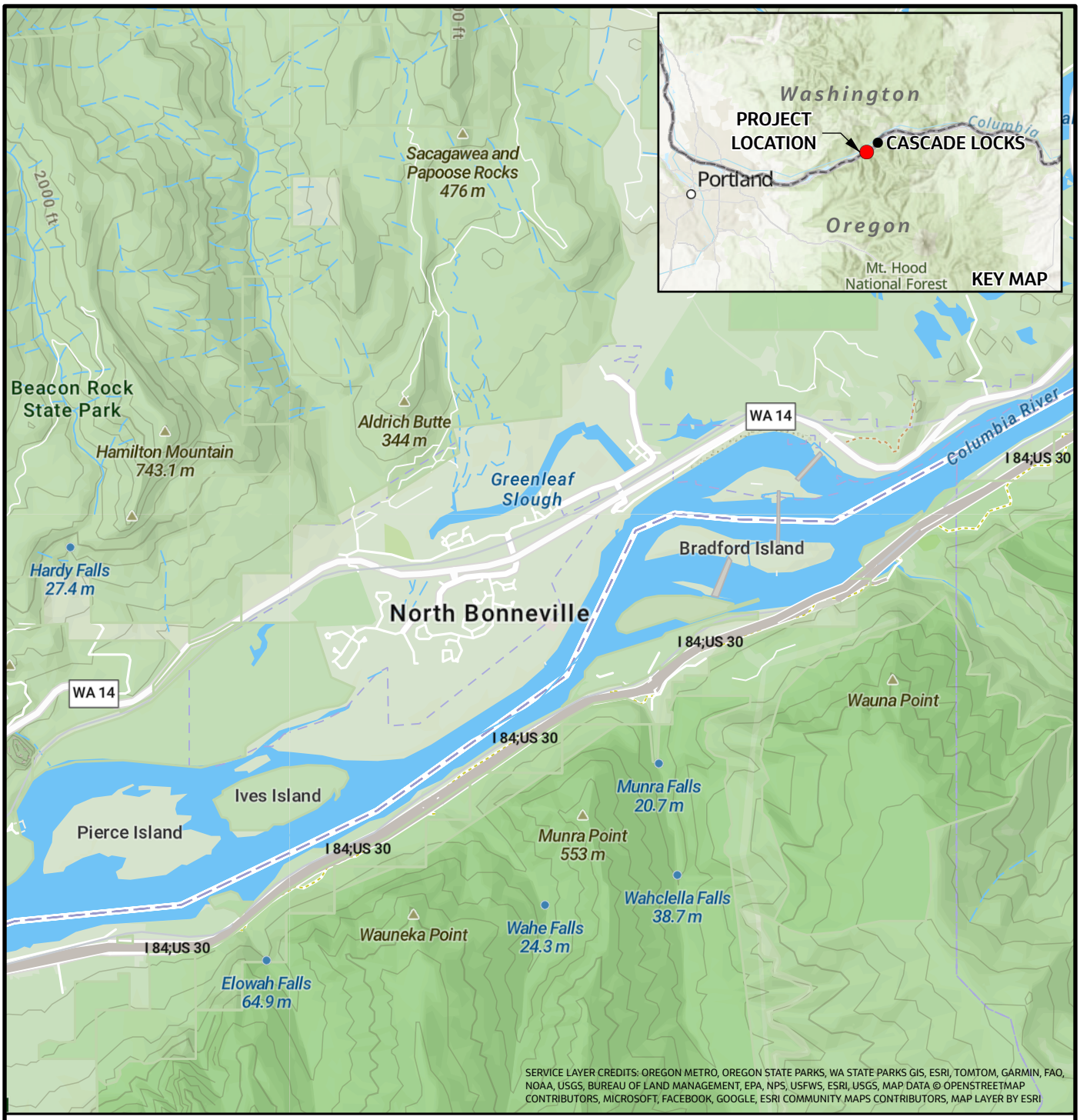
Additional investigation around the landfill is not planned as part of the Upland OU SRI since it will be removed as part of the NTCRA. Confirmation sampling will be performed as part of the NTCRA. The Upland OU SRI field work will be performed in Winter 2024 prior to the NTCRA. Further, data collected in the Upland OU SRI is to support the FS and are not related to the planned confirmation sampling in the NTCRA. The data from both investigations will complement each other and will be incorporated and summarized in the Upland OU SRI Report, which will include an updated CSM.

1.5 Work Plan Organization

This SRI Work Plan is organized into the following sections:

- Section 1: Introduction. Provides the site description, background information, and the purpose and organization of this Work Plan.
- Section 2: Background. Summarizes existing information on the Upland OU at Bradford Island, including previous investigations on the physical and biological environmental setting (such as climate, geology, hydrogeology, and ecology).

- Section 3: Conceptual Site Models. Provides a summary of the CSMs for the Landfill AOPC, Sandblast Area AOPC, and West Bradford Island.
- Section 4: Investigation Approach. Presents the investigation approach for implementation of the SRI fieldwork, including project scope, data quality objectives, and an overview of the fieldwork approach for the Landfill AOPC, Sandblast Area AOPC, Road Complex, and West Bradford Island.
- Section 5: UFP-QAPP Worksheets. Presents the UFP-QAPP worksheets associated with this SRI WP.
- Section 6: Works Cited. Lists reference material used in preparation of this document.
- Appendix A: Screening Level Values. Presents the summary of screening level values (SLVs) in soil and groundwater used in this SRI and the hierarchy of selection based on human health and ecological risk assessments.
- Appendix B: Field Standard Operating Procedures. Provides the Standard Operating Procedures (SOPs) for fieldwork activities.
- Appendix C: Laboratory Standard Operating Procedures and DoD ELAP Accreditation. Provides the Standard Operating Procedures (SOPs) for laboratory activities as well as the U.S. Department of Defense (DoD) Environmental Laboratory Accreditation Program (ELAP) accreditation.
- Appendix D: Summary of Analytical Data. Presents a summary of historical analytical data.



LEGEND

STATE BOUNDARY

0 4,000 8,000 Feet

N

FIGURE 1-1
BRADFORD ISLAND VICINITY MAP
UPLAND OPERABLE UNIT SUPPLEMENTAL REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON

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LEGEND

- UPLAND OPERABLE UNIT
- BULB SLOPE AOPC
- LANDFILL AOPC
- PISTOL RANGE AOPC
- SANDBLAST AREA AOPC

NOTES:

AOPC = AREA OF POTENTIAL CONCERN

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0 450 900 Feet

N

FIGURE 1-2
UPLAND OPERABLE UNIT FEATURES, AOPCS, AND WEST BRADFORD ISLAND

UPLAND OPERABLE UNIT SUPPLEMENTAL
REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON

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0 700 1,400 Feet

N

FIGURE 1-3
BONNEVILLE DAM COMPLEX
UPLAND OPERABLE UNIT SUPPLEMENTAL
REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON

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SECTION 2

Site Background

This section summarizes the Bradford Island site background, including previous environmental investigations and environmental setting.

2.1 Investigation History

Previous investigations on Bradford Island began as part of the evaluation of the Landfill in 1998. A review of site records, including employee interviews, site environmental audits, and multiple environmental investigations completed in the Upland OU resulted in the identification of four AOPCs: Landfill AOPC, Sandblast Area AOPC, Pistol Range AOPC, and Bulb Slope AOPC. Table 2-1 presents a chronology of historical investigations, remedial actions, and key reports prepared based on the preliminary assessment/site investigation (PA/SI), RI, supplemental fieldwork, data collection, risk assessments, and feasibility study (FS) completed for each AOPC in the Upland OU. More details for each investigation can be found in the referenced documents.

2.2 Environmental Setting

This section summarizes the physical and environmental aspects associated with Bradford Island, the River and Upland OU, and surrounding area.

2.2.1 Land Surface Characteristics

Elevation contours and Bradford Island site features are provided on Figures 2-1 and 2-2. Bradford Island includes two areas of higher elevation ranging from 174 to 198 feet (North American Vertical Datum of 1988 [NAVD88]) within the center of the island. Elevation contours are based on standard 1-meter resolution digital elevation model (DEM) geospatial data (Universal Transverse Mercator Zone 10) projected to horizontal datum North American Datum of 1983 (2011) State Plane Oregon North FIPS 3601 and vertical datum NAVD88 (international feet) (U.S. Geological Survey [USGS] 2019). The approximate elevation ranges of the four AOPCs are as follows:

- Landfill AOPC: 82 to 119 feet NAVD88
- Sandblast Area AOPC: 86 to 114 feet NAVD88
- Pistol Range AOPC: 82 to 110 feet NAVD88
- Bulb Slope AOPC: 78 to 102 feet NAVD88

River stage elevation at Bradford Island averages approximately 74.5 feet National Geodetic Vertical Datum of 1929 (NGVD29).

Along the northern side of the Landfill AOPC, the land surface drops steeply by approximately 30 to 35 feet to the Columbia River. The topography east of the Landfill AOPC also drops steeply to the Columbia River. West of the Landfill AOPC, the topography slopes gently down to the west. Topography in the Sandblast Area AOPC slopes down to the north with areas of varying steepness. The riverbank is armored with riprap north of the Sandblast Area AOPC. The Bulb Slope AOPC is situated entirely on the steeply sloping north edge of the island. The land rises moderately south of the Landfill, Sandblast Area, and Bulb Slope AOPCs, and southwest of the Landfill AOPC. The Pistol Range AOPC consists of a pair of vegetated topographic benches stepping down toward the Columbia River to the south. The shoreline is very gently sloped into the adjacent lagoon.

Bedrock outcrops of conglomerate, sandstone, and limited siltstone are exposed along the north bank slope of the island.

Surface water drainage generally follows sloping topography as sheet flow, before infiltrating into the porous soils, particularly in vegetated areas.

Precipitation that infiltrates the soil at the island may percolate to groundwater. Under both wet season and dry season conditions, shallow groundwater at the island likely flows to the north on the north half of the island and to the south on the south half of the island. Groundwater discharge to surface water occurs as diffuse flow in the high permeability materials in the steep slopes on the northern edge of the island as well as in seeps from vertical fractures in the underlying low-permeability materials. Groundwater may enter the river through bottom sediments or above-water surface seeps.

2.2.2 Climate

A meteorological observation station has been in operation at Bonneville Dam since 9 November 1937. During an 87-year period of meteorological records (1937 through 2024), the station recorded average July maximum temperature of 85.8 degrees Fahrenheit (°F) and average December maximum temperature of 48.9°F (Western Regional Climate Center 2024). Temperature extremes at the Bonneville Dam have varied from a low of 0°F in December 1968, to a high of 111°F in June 2021.

The average annual precipitation at Bonneville Dam for the period of record is 76.33 inches. November through January are the months with the highest precipitation rates, while July is the month with the lowest. Recorded daily maximum precipitation rates have exceeded 1 inch for every month, with the maximum daily rate of 6.23 inches recorded in December 1937. Average annual snowfall at the dam is 16.63 inches, normally occurring from November through March (Western Regional Climate Center 2024).

2.2.3 Geology

Bradford Island is located in the Columbia River Gorge, a 50-mile canyon that cuts through the Cascade Range physiographic province (Orr and Orr 1999). The canyon has formed through time as the Columbia River incised through various geologic formations, including the Western Cascade Group, the Columbia River Basalt Group, and the High Cascade Group, in response to the uplift of the Cascades over the last 2 million years (Beeson and Tolan 1987).

Three bedrock formations are present near Bonneville Dam: the Ohanapecosh Formation (also referred to as the Weigle Formation), the Eagle Creek Formation, and the Columbia River Basalt Group (Holdredge 1937; Wise 1970). The Ohanapecosh Formation consists of late Oligocene-aged volcaniclastic siltstones and sandstones with minor conglomerates. As much as two-thirds of the clasts in this formation consist of glass fragments. The fragments have subsequently altered to a dominantly clay mineral assemblage, greatly weakening the formation.

Folding and faulting have significantly disturbed the Ohanapecosh Formation. Bedding generally strikes northeast and north, with a dip of 5 to 20 degrees to the southeast and east. Two predominant fault/shear zone orientations have been identified in association with the development and construction of Bonneville Dam. They include northwest-striking features dipping moderately to steeply to the northeast and northeast-striking features dipping gently to moderately to the northwest. These features do not continue into the overlying Eagle Creek Formation, indicating that fault movement ceased before the Eagle Creek sediments were deposited. No outcrops of the Ohanapecosh Formation are found at the site.

The Miocene (approximately 23- to 17-million-year-old) Eagle Creek Formation overlies the Ohanapecosh Formation and is differentiated primarily by larger clast size and lack of alteration. The Eagle Creek Formation consists primarily of stream-deposited sandstones and conglomerates, with individual units of sedimentary tuffs. Bedding in the unit is near horizontal. The Eagle Creek Formation crops out near river level near the site.

The Columbia River Basalt Group disconformably overlies the Eagle Creek Formation. Flood basalts of this group are Miocene in age and originated from a series of fissures in eastern Washington, Oregon, and Idaho. In the vicinity of Bonneville Dam, the basalts have been uplifted several hundred feet above the current river level and form the steep basaltic cliffs visible throughout the Columbia River Gorge.

Table 2-1. Summary of Historical Investigations
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Year	Investigation/Report	Area	Summary	Reference
1998	SI	Upland OU – Landfill	• The SI included a historical (1936–1982) aerial photograph review, summary of USACE employee interviews, excavation and sampling of eight test pits and installation of one soil boring within the Landfill footprint, collection and analysis of four surface soil samples from background locations and downgradient of the pesticide mixing area, installation and sampling of four groundwater monitoring wells (MW-1 through MW-4), and a groundwater seep visual survey along the shores of Bradford Island. • Landfill debris encountered in the test pit excavations included mercury vapor lamps, electrical equipment, and asbestos-containing materials. The SI concluded that past disposal practices have impacted soil and groundwater in the Landfill with petroleum hydrocarbons, organochlorine pesticides, PCBs (Aroclor 1260), PCE, SVOCs, arsenic, and lead.	Tetra Tech, Inc.–USACE 1998, URS-USACE 2012, USACE 2017b
1999/2000	SSI	Upland OU – Landfill	• The SSI included collection and analysis of soil, seep soil, and water samples; installation of one groundwater monitoring well (MW-5) and sampling of wells MW-1 through MW-5; further visual assessment for groundwater seeps; an erosion potential evaluation; a biological characterization site survey; and a screening level HHRA and ERA. • The SSI concluded that surface and subsurface soils contained low concentrations of VOCs, SVOCs, metals, chlorinated herbicides, organochlorine pesticides, and PCBs. Groundwater contained low concentrations of VOCs, SVOCs, petroleum hydrocarbons, and metals. Low concentrations of select metals and estimated concentrations of three SVOCs and four VOCs were detected at less than 0.5 µg/L and less than 1 µg/L, respectively, in the water from one seep.	URS-USACE 2000
2000/2001	In-water Investigation	Upland OU – Landfill and Bulb Slope	• In response to four PCB-containing light ballasts being discovered along the river shoreline and northern slope near the Landfill site in March 2000 and March 2001, an in-water investigation was completed. • Waste-related items were observed in three piles located on the eastern and northern edges of the island. The approximate extent and volume (313 cubic yards) of electrical debris in the water were delineated. Piles 1 and 2 were located along the eastern and northern shorelines of the Landfill AOPC, and Pile 3 was located at the shoreline of the Bulb Slope AOPC. Divers recovered some of the electrical items in December 2000. Analytical chemistry results from the sediment sampling conducted during the December 2000 recovery operations indicated the presence of PCBs at concentrations ranging from 0.15 to 8.3 mg/kg.	URS-USACE 2002a
2001 and 2015	Slope Stability Assessment	Upland OU – Landfill	• The assessment concluded there is no evidence that significant and/or multiple rock slope failures have occurred along the north bank slope of the island, and the possibility that slope failure transported waste from the Landfill into the river is low. • In conjunction with the stability assessment, underwater surveys to locate and map the extent of all waste materials in the river were conducted in October and November 2000, and in May 2001. All wastes identified were removed in December 2000 and March 2002. • In 2015, USACE conducted a follow-up investigation to reassess slope stability in the area of the Landfill. The investigation included a limited review of the geologic literature, review of design documents, review of previous investigation reports related to the Landfill and bank slope stability, review of historical aerial photographs and 2010 LiDAR/bathymetry data, and site observations and measurements by USACE civil and geotechnical personnel. Based on site observations and review of historical information, it was concluded that the north bank slope adjacent to the Landfill is experiencing erosion as the result of wave erosion.	USACE 2017b
2001/2002	Phase II Supplemental Landfill SI	Upland OU – Landfill	• The Phase II SI included the installation of four monitoring wells (MW-6 through MW-9), groundwater sampling at wells MW-1 through MW-9, and soil sampling throughout the Landfill (primarily at the three test pit areas); a geophysical evaluation; and removal of Landfill wastes. • The site characterization report concluded that wastes disposed of within the Landfill included household waste and project-related wastes such as grease, light bulbs, sandblast grit, and miscellaneous metal. • Landfill materials and visibly impacted soils did not appear to extend beyond 15 feet in depth. There was no evidence that significant and/or multiple past slope failures have occurred along the north bank slope of the island. Consequently, the possibility that slope failures have transported electrical debris to the river was considered low to negligible.	URS-USACE 2004a
2002	Level I Ecological Scoping Assessment and Human Health Problem Formulation	Upland OU – Landfill	• The report qualitatively presented potentially complete exposure pathways, identified COIs for human and ecological receptors, and recommended a Level II Ecological Screening Assessment to provide a more thorough evaluation of the potential exposure pathways for ecological receptors based on soil, sediment, groundwater, surface water, and food-web contamination. • The report recommended completion of a baseline HHRA.	URS-USACE 2002b
2001/2002	Stormwater System Sampling and Cleaning / In Water Investigation Report	Upland OU – Sandblast Area	• Solid materials from the catch basins and near the stormwater system outfalls on the northern perimeter of the Sandblast Area AOPC were sampled in May 2001. • Based on the results of the catch basin and stormwater system outfall sampling, the stormwater system was identified as a potential pathway for conveying contaminants form the Sandblast Area AOPC to the river.	URS-USACE 2002a, URS-USACE 2002c
2001/2002	PA/SI Sandblast Area, Transformer Release Area, and Former Drum Storage Area	Upland OU – Sandblast Area	• A PA/SI of the Sandblast Area was conducted in 2001 to aid in the characterization of environmental concerns associated with the transformer maintenance area, and the Former HMSA (also referred to as the former drum storage area). • The burn pit located southeast of the former sandblast building and a septic tank northwest of the building were identified at that time as additional potential sources of contamination within the Sandblast Area AOPC. In addition, evidence of localized solvent-impacted soil was discovered south of the Current HMSA. • The PA/SI report estimated that a volume of approximately 20,000 square feet and 1 to 3 feet deep (1,500 to 2,000 cy) might be regulated as hazardous waste if excavated based on lead and chromium concentrations. The total volume of sandblast grit present was estimated at between 1,410 and 2,025 cy.	URS-USACE 2002d

Table 2-1. Summary of Historical Investigations
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Year	Investigation/Report	Area	Summary	Reference
2002	PA/SI	Upland OU – Pistol Range	• Seventy-three soil samples were collected from 42 sample locations (in some locations, samples were collected at different depths). The area investigated was approximately 200 feet long and between 20 to 30 feet wide (approximately 4,550 square feet). • The maximum soil analytical concentrations indicated that lead was the only metal elevated above relevant screening criteria at the time (EPA Region 9 PRGs), and it was found primarily near the former firing shed and around the backstop. • The report also concluded that concentrations of both lead and zinc exceeded sediment screening values, which are protective of the benthic community. These exceedances of lead and zinc could cause a potential concern if the upland soils were transported to the river.	URS-USACE 2003a, USACE 2017b
2002	Reconnaissance Investigation and Evaluation of Potential Remedial Options	Upland OU – Bulb Slope	• The investigation included soil samples collected from eight locations. • The investigation report concluded that PCBs as Aroclor 1260, lead, and mercury are present in soils within the area of visually observed glass debris at the Bulb Slope. The report estimated that approximately 95 to 125 cy of debris and impacted soil are present at the Bulb Slope on top of a bedrock base.	URS-USACE 2003b, USACE 2017b
2004	Level II Screening Ecological Risk Assessment and Baseline Human Health Risk Assessment	Upland OU – Landfill	• The Baseline HHRA concluded that risks to human health at the site were considered acceptable under current land use conditions and that risk reduction measures were not necessary to protect human health. • The Level II Ecological Screening Risk Assessment deferred a quantitative evaluation of risks posed to aquatic habitat until after sediment remediation. • An Engineering Evaluation/Cost Analysis (URS-USACE 2005) for in-water sediment removal work was prepared in 2005 and provides an evaluation of human health and ecological risks related to the aquatic environment (primarily from contaminated sediment). Sediment removal was subsequently performed by USACE in 2007 along the north shore of Bradford Island.	URS-USACE 2004b, URS-USACE 2005
2004	Soil Sampling	Upland OU – Sandblast Area	• In April and May 2004, USACE cleared the vegetation and graded an area of approximately 1,600 square feet near Catch Basin 1. • This work was performed to provide space for the storage of dam gates on several concrete piers. • After grading the area, USACE personnel collected surface soil samples from the cleared area as well as soil samples from soil placed in a roll-off bin. Based on the results, the soil was disposed of as hazardous waste.	USACE 2017b
2004 to 2006	SSI	Upland OU – Sandblast Area	• The SSI concluded that in addition to metals and butyltins detected during previous investigations, PCBs, SVOCs, and VOCs are also COIs from four potential sources: – Incidental spills of hazardous materials at the southwest corner of the Current HMSA. – Storage of dam-related equipment along the Landfill access road. Oil-stained soil, metal painted with lead-based paint, and potentially PCB-containing equipment and insulators were observed in this area in 1996. – Disposal and incineration of wastes in a former burn pit at the east end of the Sandblast Area. – Transformer maintenance documented in the PA/SI (URS-USACE 2002d). A small release of PCB-contaminated oil occurred in 1995 at the paved area east of the former sandblast building during a transformer rehabilitation project. • Low levels of petroleum hydrocarbons, VOCs, SVOCs, butyltins, and pesticides were detected in several groundwater samples in the Sandblast Area AOPC. • During a previous investigation, air compressor blow-down water was identified as a potential source for lead and DEHP identified in river sediments proximate to a drainage outfall north of the former sandblast building (URS-USACE 2002d). As part of the SSI, one sample of blow-down water was collected from a pipe that conveys compressor blow-down water from the current sandblasting area in the service center building to the drainage ditch near the former sandblast building. Neither DEHP nor lead were detected in the blow-down water sample, but low concentrations of select metals were detected, and estimated concentrations of three SVOCs and four VOCs were detected at less than 0.5 µg/L and less than 1 µg/L, respectively.	URS-USACE 2006
2007	Upland Source Evaluation	Upland OU – Landfill	• The Upland Source Evaluation for the Landfill concluded that since both slopes are covered with surface vegetation, there appeared to be a low potential for soil migration via overland transport but that a quantitative erodibility study was needed to further assess the potential for soil loss.	URS-USACE 2007a, b
2007	RI/FS Management Plan	Upland and River OUs	• The RI/FS MP identified data gaps under three categories: gaps with respect to understanding nature of contamination, gaps with respect to understanding the extent of contamination, and gaps with the respect to the ability to perform risk evaluations.	URS-USACE 2007c, URS-USACE 2012, USACE 2017b
2008 to 2012	Supplemental Fieldwork and Data Collection	Upland OU – Landfill	• Fieldwork conducted in the Landfill AOPC after the September 2007 RI/FS MP was completed included the following: – Collection of groundwater samples from the nine monitoring wells (MW-1 through MW-9) located in the Landfill AOPC during four quarters (March 2008, July 2008, October 2008, and January 2009). – Survey for groundwater seeps during each quarterly groundwater sampling event. – Collection of samples from each observed seep along with the surface water immediately adjacent to the seep. – Collection of soil samples from depth intervals of 0 to 1 foot bgs and 1 to 3 feet bgs from four test pits. • Results are summarized in the RI Report.	URS-USACE 2008a

Table 2-1. Summary of Historical Investigations
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Year	Investigation/Report	Area	Summary	Reference
2008 to 2012	Supplemental Fieldwork and Data Collection	Upland OU – Sandblast Area	• Routine maintenance activities in July 2008 included scraping and stockpiling surface soils to extend the eastern portion of the laydown area. The activity exposed soils that appeared to have tar-like residue (URS-USACE 2009a). USACE elected to perform additional SIs on the newly exposed soils. The investigations in the Sandblast Area AOPC included the following: – Installation of five groundwater monitoring wells (MW-11 through MW-15) in the Sandblast Area AOPC – Quarterly collection/analysis of groundwater samples from the five monitoring wells located in the Sandblast Area AOPC – Collection of surface and near-surface soil samples within known areas of sandblast grit disposal to be sieved into two size fractions and analyzed for lead only – Collection/analysis of five soil gas samples – Collection/analysis of five soil samples from five test pits in the newly exposed laydown area – Collection/analysis of six surface soils from stockpiled soils in the laydown area • Results are summarized in the RI Report.	
2008 to 2012	Supplemental Fieldwork and Data Collection	Upland OU – Pistol Range	• Supplemental fieldwork completed between 2008 and 2012 in the Pistol Range AOPC included – Collection and analysis of groundwater samples and lagoon sediment samples. Results are summarized in the RI Report.	URS-USACE 2012, USACE 2017b
2007-2009	Data Gap Sampling	Upland and River OUs	• Data gap sampling for the Upland and River OUs was completed in 2007 through 2009. • Data gap sampling for the Upland OU was reported in the *Upland OU Data Gap Sampling January-March 2009 Technical Memorandum* (URS-USACE 2009b). • The Upland OU Data Sufficiency Report (URS-USACE 2009c) and the River OU Data Sufficiency Report concluded that the data met project objectives outlined in the RI/FS MP, and the data were sufficient and usable for the completion of this RI and the risk assessments. Results are summarized in the RI Report.	URS-USACE 2007b, URS-USACE 2008a, URS-USACE 2008b URS-USACE 2009a, URS-USACE 2009b, URS-USACE 2009c, URS-USACE 2012
2008/2009		Reference Area	• The objective of establishing a Reference Area was to determine site-specific background concentrations of inorganic COIs in soil and groundwater. T • The specific location was selected because it was upgradient of an area unaffected by site-related waste handling activities. The Reference Area was also found to have samples that generally reflected background or ambient concentrations of all COIs. Lastly, the Reference Area exhibited similar physical soil characteristics relative to the soil sampled in the four AOPCs in the Upland OU. • The field activities for the Reference Area included the following: – Installation of the Reference Area groundwater monitoring well (MW-10) – Collection/analysis of groundwater samples from the Reference Area monitoring well during four quarters (March 2008, July 2008, October 2008, and January 2009) – Collection/analysis of 14 surface soil samples (R1 through R14)	URS-USACE 2008a, USACE 2017b
2009	Upland Erodibility Studies	Upland OU – Landfill, Sandblast Area, and Pistol Range AOPCs	• The erodibility study identified only a limited portion of the Sandblast Area AOPC, where soils had been temporarily exposed during construction activities, as having a potentially complete pathway associated with stormwater runoff to the river. No currently erodible soils were identified in the Landfill AOPC or in the Bulb Slope or Pistol Range AOPCs.	USACE 2017b
2012	RI	Upland OU – Landfill, Sandblast Area, and Pistol Range AOPCs	• Landfill AOPC: The RI concluded that soil throughout the Landfill AOPC is impacted by metals, PAHs, and other SVOCs. Impacts to soil from butyltins, herbicides, pesticides, PCBs, TPH, and VOCs are much more limited. Similarly, metals, TPHs, and VOCs were detected in groundwater throughout the Landfill AOPC, as well as at low concentrations in seep water sampled along the northern perimeter of the AOPC. Butyltins, herbicides, pesticides, PCBs, PAHs, and SVOCs had generally limited detections in groundwater and were not detected in seep water. The majority of the ground surface at the Landfill AOPC is relatively flat, well vegetated, and showed minimal evidence of surface runoff, soil erosion, or sediment deposition, indicating that the ground surface is stable and there is minimal potential for offsite migration of contaminated soil or buried debris. The north and east sides of the Landfill AOPC include steep slopes leading down to the Columbia River. Although the potential for mass wasting was considered low, soil on these slopes have the potential to migrate to the Columbia River via mass wasting. • Sandblast Area AOPC: The RI concluded that the sandblast grit disposal area, the equipment laydown area, and an inferred VOC release at the Current HMSA appear to be the primary sources of contamination. Metals, pesticides, PCBs, PAHs, SVOCs, and VOCs were detected in soil samples from throughout the Sandblast Area AOPC. The type and magnitude of contamination are variable, consistent with the variable hazardous substance and waste management, storage, and disposal practices that occurred at the various subareas within the Sandblast Area AOPC. Metals, butyltins, pesticides, PAHs, TPHs, SVOCs, and VOCs were detected at low concentrations in groundwater, indicating that these contaminants are leaching from source area soils to groundwater. PCBs were not detected in groundwater. VOCs were detected in soil gas at locations corresponding to the footprint of the VOC plume originating at the Current HMSA. • Pistol AOPC: The RI concluded that historical use of the Pistol Range AOPC as a firing range has resulted in the contamination of surface soil with lead and zinc. It is unlikely that significant concentrations of lead or zinc are leaching to groundwater. The Pistol Range AOPC may also be a historical source of zinc to the adjacent lagoon sediment. Currently, the area is well vegetated and does not show evidence of surface runoff, soil erosion, or sediment deposition. • Bulb Slope AOPC: The RI concluded that placement of debris at the Bulb Slope AOPC has resulted in the contamination of soil with lead, mercury, and PCBs. The lateral extent of contamination is well constrained by the visible presence of debris in the soil and the underlying siltstone bedrock defines the vertical extent of contamination. Groundwater is not present. Soils may potentially be transported to the adjacent Columbia River by mass wasting.	URS-USACE 2012, URS-USACE 2008a, URS-USACE 2009b, URS-USACE 2009d, URS-USACE 2012, USACE 2017b

Table 2-1. Summary of Historical Investigations
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Year	Investigation/Report	Area	Summary	Reference
2016	Baseline Human Health and Ecological Risk Assessment	Upland OU	• Based on the BHHRA results, cPAHs were identified as COCs for occupational receptors at the Landfill AOPC and Sandblast Area AOPC. Arsenic, total PCBs, cPAHs, and DEHP (Sandblast Area only) were identified as COCs for Hypothetical Fishing Platform Users at the same AOPCs. No COCs were identified for the Bulb Slope AOPC and Pistol Range AOPC. No further evaluation or action was recommended for groundwater at either the Landfill or Sandblast Area AOPCs or for soil gas at the Sandblast Area AOPC. No further upland evaluation of soils at the Pistol Range or Bulb Slope was recommended. Further evaluation was recommended for soils at the Landfill and Sandblast Area AOPCs based on risks falling above the Oregon DEQ risk thresholds, although they are within the EPA acceptable risk range for the evaluated receptors. • All four AOPCs in the Upland OU were retained for evaluation in the BERA. Only soil was identified as a medium of concern for terrestrial ecological receptors. Risk estimates were calculated for each COEC carried into the BERA from the RI (URS-USACE 2012) for all selected receptors (terrestrial plants, soil invertebrates, Canada goose, American robin, American kestrel, vagrant shrew, and American mink) potentially present at a given AOPC. Both low SLVs/NOAELs and high SLVs/LOAELs were selected for each receptor to develop a range of HQs and HIs for consideration by risk managers. COECs were identified for the Landfill AOPC (chromium, copper, lead, mercury, nickel, chlordane, and HPAHs), Sandblast Area AOPC (antimony, chromium, lead, nickel, HPAHs), and Pistol Range AOPC (lead only). No COECs were identified for the Bulb Slope AOPC. No further upland evaluation of the Bulb Slope was recommended based on the estimation of low ecological risk. However, further evaluation was recommended for the three remaining AOPCs based on exceedances of site-specific RBCs for one or more of the ecological receptors evaluated.	URS-USACE 2016
2017	Reevaluation of Baseline Risk Assessment Addendum	Upland OU	• Based on updated Hypothetical Fishing Platform Users exposure assumptions and toxicological data for benzo(a)pyrene, revised cancer and noncancer risk estimates were calculated for the Landfill AOPC and Sandblast Area AOPC. Because there was no unacceptable human health risk in the Pistol Range or Bulb Slope AOPCs during the 2016 BHHRA, revised risk scenarios were not calculated as part of this reevaluation. For the Landfill AOPC, the multi-pathway lifetime excess cancer risk for the tribal subsistence fisher for cPAH was re-estimated to be 4.3×10^{-4}, which accounts for 93% of the cumulative risk in the Landfill AOPC. For the Sandblast Area AOPC, the multi-pathway lifetime excess cancer risk for the tribal subsistence fisher for cPAH was 2.9×10^{-5}, which accounts for 59% of the cumulative risk in the Sandblast Area AOPC. Risk was only calculated for the most sensitive occupational receptor, represented by the outdoor maintenance work. The multi-pathway lifetime excess cancer risk associated with cPAH for the outdoor maintenance worker in the Sandblast Area AOPC was 6.0×10^{-6}, which accounts for 68% of the cumulative risk in the Sandblast Area AOPC. Risk was not calculated for the occupational receptor in the Landfill AOPC with the updated toxicity values for cPAH as the tribal fishing receptor is the more sensitive pathway and drives risk at the AOPC.	URS-USACE 2016, USACE 2017b
2017	Slope Stability Assessment	Upland OU – Bulb Slope	• A visual inspection of the Bulb Slope AOPC in spring of 2017 suggests that possible erosion or mass wasting is occurring from the north face of the Bulb Slope AOPC.	USACE 2017b USACE 2017c
2019	Stormwater Data Report, Sandblast AOPC, Bradford Island, Cascade Locks, Oregon	Upland OU – Sandblast Area AOPC	• An initial assessment of stormwater in the storm drain system at the Sandblast AOPC was conducted in the winter of 2018. Stormwater samples were obtained from Drainage Outfall #1 (OF-1), Drainage Outfall #2 (OF-2), and Catch Basin #1 (CB-1) at the Sandblast Area AOPC. Contributions to the stormwater leaving the storm drain system include inflowing water during the storm, any solid material that passes through the catch basin filter socks, and water and solid material present in the storm drain system before the storm. At the time of sampling, the catch basins contained solids that had accumulated for 17 years. Results of the sampling indicate the following: – In general, metals were the analytes detected in the highest frequency. – Zinc and copper were detected at the highest concentrations and were similar in OF-2 and CB-1, lower in OF-1. – Lead and chromium were found at lower concentrations than zinc and copper and were higher in OF-1 and similarly low in OF-2 and CB-1. – PAHs and organochlorine pesticides were either nondetect or detected below their respective LOQs. – PCBs were detected at greater frequency and concentrations in OF-1 than OF-2 and CB-1, with the maximum concentration of 4.7 ng/L for PCB congener 180.	
2021	Geotechnical Data Investigation	Upland OU – Bulb Slope	• The field explorations consisted of two test pit excavations and a geophysical survey. Collected data were used to infer and identify the top of bedrock/boulders, degree of bedrock slope, and variation along the Landfill Access Road above the Bulb Slope and upper slope. The test pits were designated as T-3 and T-4, and each was excavated to a depth of 15 feet bgs on 17 November 2021. Two suites of soil classification laboratory tests, consisting of moisture content, Atterberg limits, and particle size analyses, were performed on soil samples from the test pits. Seismic refraction surveys consisting of three refractory arrays were performed on 25-26 October 2021.	Shannon & Wilson, Inc.–USACE 2021

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Year	Investigation/Report	Area	Summary	Reference
2021	Optimization Review	Upland and River OUs	• An optimization review of Bradford Island, the four AOPCs investigated in the 2012 RI (URS-USACE 2012), and potential impacts to the River OU was completed to provide recommendations aimed to increase remedy effectiveness, improve technical performance, reduce costs, and move the site to completion. The following recommendations for the Upland OU were suggested: – The updated FS for the Upland OU should evaluate as rigorously as possible the additional costs and benefits of remediation to unrestricted use. – Long-term costs for alternatives that leave waste in place should be estimated conservatively (e.g., sufficiently high) in the updated FS, so those costs can be compared to the costs of remediation to unrestricted use. – Additional pre-design samples should be taken subsequent to the remedy selection to further delineate/refine the excavation footprint and depth (or capping footprint) before final design. – Long-term planning for potential excavation should incorporate an adaptive approach to excavation and associated contracting. – Preliminary TCLP sampling should be performed early enough to allow for an improved estimate of the percentage of hazardous versus nonhazardous soil in each AOPC to be incorporated within the updated FS (rather than assuming 100% hazardous). – Preliminary TCLP sampling should evaluate surficial and subsurface soil separately, given the potential for much lower subsurface concentrations. – Sandblast grit should be removed to the extent possible from the Sandblast Area AOPC, with clean fill placed at the surface to minimize potential ecological risks and/or impacts to the river such as via the stormwater management system. – Further efforts should be ended to treat stormwater by various means if actions are planned to address the upslope sources of the contaminants. – Stormwater outfall sampling should continue to include TPH and PCBs to address possible co-solvency concerns, and sampling should be conducted in a manner likely to capture any buoyant hydrocarbon globules (if any). – Existing groundwater monitoring wells should be sampled to assess current water quality and water levels, and analysis should include the complete target analyte list for metals, pesticides, VOCs, PAHs (full scan), butyltin, PCBs, and both diesel- and gasoline-range hydrocarbons. – Risk assessments should not be redone based on newly collected groundwater data, assuming the concentrations are reasonably consistent with (or lower than) results from the RI on a qualitative basis. – Soil in that vicinity of the Current HMSA should be sampled for VOCs in conjunction with recommended updated groundwater sampling. • Results of the shallow sampling during the planned 2021 ISM sampling at the Sandblast Area AOPC should be considered prior to performing the deeper samples. If the shallow ISM results indicate no impacts for the Sandblast Area AOPC decision unit, then no deeper samples would be needed within that Sandblast Area AOPC decision unit. • Slope stability issues at the Bulb Slope should be addressed to include the placement of a slope toe buttress in the river adjacent to the bank or, alternatively, relocating the access road at the top of the slope and flattening (reducing) the slope grade via earthwork. • Remedial design should include a cost-benefit analysis of preserving wells versus replacing wells. • Implementation of active remedial actions in the Upland OU with greatest potential to mitigate future impacts to the river should be prioritized (in addition to steps to minimize any future spills or releases).	HGL-USACE 2021
2022	Final Field Report and Data Report, Sandblast AOPC, Upland Operable Unit, Bradford Island, Cascade Locks, OR	Upland OU – Sandblast Area AOPC	• Surface and subsurface soil samples were collected at various locations within the Sandblast Area AOPC to satisfy the following DQOs: – Collect soil samples in the forested area near the Current HMSA (the Study Area) to support delineation of remedial areas. – Collect soil data from the forested slope adjacent to the Sandblast Area AOPC as represented by Decision Units 3, 5, 6, and 7 to inform development of alternatives that include remedial technologies suitable for working near trees, if needed. – Determine if additional COCs are present in the Study Area. – Determine the mobility of selected analytes in soil to inform disposal costs of contaminated soil throughout the Sandblast Area AOPC. • Discrete subsurface and surface soil ISM samples were submitted for laboratory analysis of mercury, metals, organochlorine pesticides, organotins, PCB Aroclors, PCB congeners, SVOCs, TCLP metals, and TOC. Results are tabulated in the report. • Discrete surface soil samples were submitted for laboratory analysis of TCLP metals. Results are tabulated in the report.	

Table 2-1. Summary of Historical Investigations
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Year	Investigation/Report	Area	Summary	Reference
2022	Stormwater and Catch Basin Solids Data Report and Best Management Practices Evaluation, Sandblast Area AOPC, Bradford Island	Upland OU – Sandblast Area AOPC	• A stormwater assessment of stormwater from OF-1 and OF-2 in the storm drain system was conducted during four post-storm drain system cleanouts between June 2019 and March 2020, during both the dry and wet seasons. • Samples were submitted for laboratory analysis of metals, PAHs, SVOCs, PCB congeners, organotins, gasoline-range organics, and diesel-range organics. • Results were compared to benchmarks intended to help guide analytical detection limits as well as prompt additional evaluation when exceeded, and indicate the following: – Concentrations of most organic and inorganic contaminants were below benchmarks, with the exception of copper and PAHs. – Copper and seven PAHs were above benchmarks in stormwater from both outfalls during each of the four post-cleanout sampling events. • Dilution modeling of the results for copper, PAHs, and PCBs was conducted to predict concentrations of these compounds in the receiving water at the point of discharge. – Receiving water concentrations were predicted to be two to five orders of magnitude lower than stormwater collected from the outfalls and the potential for recontamination of the River OU following remedial action is anticipated to be low. – None of the modeled receiving water concentrations exceeded Oregon's Water Quality Criteria for aquatic life or human health (organism only) except total PCBs, which exceeded the human health criteria by approximately one order of magnitude. – Both the modeled concentration and human health criteria are below analytical PQLs for PCBs. • The stormwater assessment and dilution modeling were incorporated into an independent optimization study for Bradford Island concluding: – Further efforts to treat stormwater by various means were not recommended if actions are planned to address the upslope sources of contamination. • Based on the findings of the stormwater sampling results and subsequent data analysis, the existing best management practices are sufficient, and additional efforts to mitigate contaminant release to the River OU is not warranted.	
2022–2023	Upland Operable Unit 2022–2023 Groundwater Sampling Data Summary Technical Memorandum (In progress)	Upland OU	• Technical memorandum providing a data summary of the 2022–2023 groundwater sample results. Results have been included for discussion as part of this Work Plan.	

Notes:
µg/L = microgram(s) per liter
B2EHP = bis(2-ethyl hexyl)phthalate
BERA = baseline ecological risk assessment
bgs = below ground surface
BHHRA = baseline human health risk assessment
COI = chemical of interest
cy = cubic yard(s)
DNOP = di-n-octylphthalate
ERA = ecological risk assessment
HGL = HydroGeoLogic, Inc.
HHRA = human health risk assessment
HI = hazard index
HQ = hazard quotient
ISM = incremental sampling methodology
LOAEL = lowest observed adverse effects level
LOQ = limit of quantitation
mg/kg = milligram(s) per kilogram
MP = management plan
ng/L = nanogram(s) per liter
NOAEL = no observed adverse effects level
PAH = polycyclic aromatic hydrocarbons
PCE = tetrachloroethene
PQL = practical quantitation limit
PRG = preliminary remediation goal
QAPP = quality assurance project plan
RBC = risk-based concentration
SSI = supplemental site investigation
SVOC = semivolatile organic compound
TCLP = toxicity characteristic leaching procedure
TOC = total organic carbon
TPH = total petroleum hydrocarbons
VOC = volatile organic compound

Two landslides have significantly modified the topography in the vicinity of the site (Sager 1989). The slides are believed to have been at least partly the result of catastrophic floods during the late Pleistocene that scoured away the talus slopes from the Columbia Gorge. That action over-steepened the walls of the Gorge and effectively removed the buttressing effect of the talus slopes. Scouring also exposed the clay-rich Ohanapecosh Formation, which may have contributed to the landslides. The Tooth Rock Landslide is a large rotational block failure that originated on the Oregon side of the Columbia Gorge, south of Bradford Island. The slide is reported to have incurred only rotational movement, without lateral expansion. Large slide blocks of the Eagle Creek Formation contributed to the formation of Bradford Island. Because of the slide's rotational nature, the blocks are relatively undisturbed and form a local, but variable, bedrock surface beneath Bradford Island. Portions of the slide block extend into the Columbia River and are submerged. Therefore, the river bottom in the immediate vicinity of Bradford Island consists of Eagle Creek Formation overlain by a thin layer of sand and silt that have been deposited in lower velocity areas.

A second large-scale landslide in the area known as the Bonneville (Cascade) slide originated on the Washington side of the Columbia Gorge between 400 and 800 years ago. The toe of the landslide forms the northern abutment of the Second Powerhouse. Debris from the slide have been observed to overlie the Tooth Rock slide on portions of Bradford Island. The Tooth Rock slide blocks at the site are also overlain by up to 30 feet of alluvium associated with Holocene to recent flooding of the Columbia River. The alluvium consists of silty sand and gravel that contain increasing amounts of Eagle Creek Formation clasts with depth.

2.2.4 Hydrogeology

Occurrences of shallow groundwater have been evaluated as part of the previous environmental investigations near the former Landfill and the former sandblast building. As part of these investigations, 15 monitoring wells have been constructed in the Upland OU to date (Table 2-2). Monitoring well locations are shown on Figure 2-1 and the most recent (2022) groundwater level data are presented in Table 2-3. Based on these investigations, three shallow hydrostratigraphic units have been encountered on the eastern end of Bradford Island (URS-USACE 2008). The characteristics of each unit are as follows:

- Colluvium/Alluvium – Unconsolidated mixtures of gravel, sand, silt, and clay are present below surficial soils ranging from 15 to 30 feet in thickness. The mixtures generally become more fine-grained with depth and contain irregularly distributed cobbles and boulders with various degrees of weathering. Silt and clay lenses create the potential for small zones of perched water and semi-confined groundwater conditions in this interval. This unit occurs beneath the upland portion of the site and pinches out near the northern shore of Bradford Island.
- Weathered Slide Block – Semi-consolidated mixtures of gravel, sand, silt, and clay or weathered siltstone of the Eagle Creek Formation. Based on borehole logs, the weathered slide block unit can be encountered from approximately 5 to 35 feet bgs and can range from not present to greater than 32 feet in thickness. Fractures in the siltstone are partially or completely filled with silts and clays. This unit also contains irregularly distributed cobbles and boulders with various degrees of weathering.
- Slide Block (Eagle Creek Formation Bedrock) – Fresh to slightly weathered, dark grey or greenish-grey volcaniclastic siltstone of the Eagle Creek Formation that also contains irregularly distributed sandstone, cobbles, and boulders with various degrees of weathering. Based on borehole logs, the slide block unit can be encountered from approximately 14 to 35 feet bgs and can be greater than 30 feet thick. Based on the slug test results, the slide block material has low hydraulic conductivity. However, fractures as well as sand and gravel lenses in the siltstone may enhance the hydraulic conductivity in some intervals, as appears to be the case at the MW-14 location. The distribution, interconnectivity, and extent of these sand and gravel lenses are unknown. The uppermost 2 to 5 feet of this unit is fractured.

Table 2-2. Monitoring Well Construction Details
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Well ID	AOPC	Date Installed	Type of Drill Rig	Measuring Point Elevation (feet msl)	Screened Interval (feet msl)	Screened Interval (feet bgs)	Filter Pack Material	Top of Sand Pack (feet bgs)	Top of Bentonite Seal (feet bgs)	Inferred Lithologic Unit Screened
MW-1 (SB1)	LF	8/17/98	HSA	105.5	83 to 73	20 to 30	20/40	17	4	Colluvium/WSB
MW-2 (SB2)	LF	8/17/98	HSA	116.56	92 to 82	22 to 32	20/40	20-	4	WSB
MW-3 (SB4)	LF	8/17/98	HSA	115.22	102 to 92	11 to 21	20/40	9	3	WSB
MW-4 (SB5)	LF	8/18/98	HSA	114.79	104.5 to 84.5	10 to 30	20/40	8	4	Colluvium/WSB
MW-5 (SB7)	LF	9/30/99	HSA	114.07	102 to 77	10 to 35	20/40	9-	6	Fill/alluvium/WSB
MW-6	LF	4/22/02	Air Rotary	113.02	85 to 80	25 to 30	20/40	24	14	WSB
MW-7	LF	4/22/02	Air Rotary	106.92	99 to 74	5 to 30	20/40	3	1	Fill/alluvium/WSB/ECSB (siltstone)
MW-8	LF	4/23/02	Air Rotary	115.29	59.5 to 54.5	53 to 58	20/40	50	45	ECSB (conglomerate)
MW-9	LF	4/23/02	Air Rotary	115.16	102 to 97	10 to 15	20/40	9	7	Fill/alluvium/ECSB (siltstone)
MW-10	Reference	4/5/08	Sonic	133.20	82 to 72	47 to 57	10/20	43	1	ECSB (siltstone)
MW-11	SB	4/3/08	Sonic	98.12	73 to 63	26 to 36	10/20	24.5	1	WSB
MW-12	SB	3/26/08	HSA	100.62	81 to 71	16 to 26	10/20	14	1	Colluvium/WSB/ECSB (siltstone)
MW-13	SB	4/2/08	Sonic	97.55	72 to 62	26 to 36	10/20	24	1	WSB
MW-14	SB	3/25/08	HSA	86.67	74 to 64	13 to 23	10/20	11	0.7	Colluvium/WSB
MW-15	SB	3/24/08	HSA	86.86	75 to 65	12 to 22	10/20	9.5	0.9	Colluvium/WSB

Notes:

MW-1 through MW-5 were constructed with 2-inch Schedule 80 PVC casing and screens, while MW-6 through MW-15 were constructed with 2-inch Schedule 40 PVC casing and screens.

All screens 0.010-inch slot size.

-- = not available
bgs = below ground surface
ECSB = Eagle Creek Slide Block
HSA = hollow-stem auger
LF = Landfill AOPC
msl = feet above mean sea level
PVC = polyvinyl chloride
SB =Sandblast Area AOPC
WSB = Weathered Slide Block

Table 2-3. Most Recent Groundwater Level Data
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Well ID	AOPC	Date Installed	Inferred Lithologic Unit Screened	Measuring Point Elevation* (feet msl)	Screened Interval (feet bgs)	Top of Sand Pack (feet bgs)	Screened Interval (feet msl)	7-Mar-22		4-Apr-22	
								Depth to Groundwater	Groundwater Elevation*	Depth to Groundwater	Groundwater Elevation*
MW-1 (SB1)	LF	8/17/1998	Colluvium/WSB	105.5	20 to 30	17	83 to 73	28.01	77.49	27.08	78.42
MW-2 (SB2)	LF	8/17/1998	WSB	116.56	22 to 32	20	92 to 82	8.63	107.93	8.70	107.86
MW-3 (SB4)	LF	8/17/1998	WSB	115.21	11 to 21	9	102 to 92	13.09	102.12	14.07	101.14
MW-4 (SB5)	LF	8/18/1998	Colluvium/WSB	114.79	10 to 30	8	104.5 to 84.5	12.71	102.08	14.05	100.74
MW-5 (SB7)	LF	9/30/1999	Fill/alluvium/WSB	114.07	10 to 35	9	102 to 77	16.78	97.29	17.64	96.43
MW-6	LF	4/22/2002	WSB	113.02	25 to 30	24	85 to 80	15.65	97.37	16.58	96.44
MW-7	LF	4/22/2002	Fill/alluvium/WSB/ECSB (siltstone)	106.92	5 to 30	3	99 to 74	8.36	98.56	8.67	98.25
MW-8	LF	4/23/2002	ECSB (conglomerate)	115.29	53 to 58	50	59.5 to 54.5	29.73	85.56	24.74	90.55
MW-9	LF	4/23/2002	Fill/alluvium/ECSB (siltstone)	115.16	10 to 15	9	102 to 97	12.85	102.31	14.20	100.96
MW-10	Reference	4/5/2008	ECSB (siltstone)	133.20	47 to 57	43	82 to 72	18.68	114.52	21.42	111.78
MW-11	SB	4/3/2008	WSB	98.12	26 to 36	24.5	73 to 63	6.03	92.09	4.52	93.60
MW-12	SB	3/26/2008	Colluvium/WSB/ECSB (siltstone)	100.62	16 to 26	14	81 to 71	21.86	78.76	24.67	75.95
MW-13	SB	4/2/2008	WSB	97.55	26 to 36	24	72 to 62	16.08	81.47	16.02	81.53
MW-14	SB	3/25/2008	Colluvium/WSB	86.67	13 to 23	11	74 to 64	12.12	74.55	12.73	73.94
MW-15	SB	3/24/2008	Colluvium/WSB	86.86	12 to 22	9.5	75 to 65	12.24	74.62	12.92	73.94

* For consistency, 2022 groundwater elevations were calculated with original measuring point elevations rather than apparent updated measuring points for MW-5 to MW-9 introduced in Table D-1 of 2012 RI. Vertical datum uncertain; referenced as feet msl in most documents, might be feet NGVD29

Notes:

AOPC = area of potential concern
bgs = below ground surface
ECSB = Eagle Creek Slide Block
LF = Landfill
msl = above mean sea level
NGVD29 = feet National Geodetic Vertical Datum 1929
SB = Sandblast
WSB = Weathered Slide Block

Groundwater beneath the Upland OU appears to be perched in the colluvium/alluvium and/or weathered slide block above the less-permeable Eagle Creek slide block. Where the fractured bedrock crops out on the north shore of the island, seeps form in the winter months. The slide block forms the base of the river near the island with little to no sediment found on top of the slide block. Based on the horizontal hydraulic gradient measured in the fill/alluvium, the direction of groundwater flow beneath the Landfill AOPC is to the north. At the Sandblast Area AOPC, groundwater flow is to the north and northwest.

There are no active drinking water wells on Bradford Island. Former water supply well DW2 (Figure 2-2) was used for drinking water until 2000 and was decommissioned in 2008 (USACE 2017b). However, nine potable water wells supplying the Bonneville Lock and Dam are present on Robins Island, Cascades Island, and the Washington shore (Figure 1-3). Seven hatchery wells installed between 1986 and 1991 are located on the western end of Robins Island where groundwater is extracted from an alluvial unit. The alluvium overlies the Ohanapecosh Formation in this location and is up to 100 feet thick (Scofield 1998). These wells provide water to the hatchery and, either individually or combined, also provide drinking water. Two former water supply wells also located on the western end of Robins Island have run dry and are no longer in use (USACE 2017b). The remaining two additional active potable water wells are located on Cascades Island and the Washington shore, with one well at each location.

The local population within a 4-mile radius of Bradford Island relies on municipal water supplies obtained from community groundwater supply wells, not the nine wells supplying the Bonneville Lock and Dam (USACE 2017b). The Columbia River hydraulically separates Bradford Island from the drinking water wells on Robins Island, Cascades Island, and the Washington shore. Potential releases to groundwater from the Bradford Island NPL Site do not pose a threat to adjacent well users due to the lack of hydraulic connection.

~~There are no active drinking water wells on Bradford Island. However, nine drinking water wells supplying the Bonneville Lock and Dam are present on Cascade Island, the Washington shore, and Robins Island (Figure 1-3). Seven hatchery wells installed between 1986 and 1991 are located on the western end of Robins Island where groundwater is extracted from a former alluvial unit. The alluvium overlies the Ohanapecosh Formation in this location and is up to 100 feet thick (Scofield 1998). These wells provide water to the hatchery and, either individually or combined, also provide drinking water. Two former water supply wells, also located on the western end of Robins Island, have run dry and are no longer in use (USACE 2017b). The remaining two active drinking water wells are located on Cascade Island and the Washington shore, with one well in each area. The Columbia River hydraulically separates Bradford, Cascade, and Robins Islands from users of the Cascade Island and Washington shore wells. Potential releases to groundwater from Bradford Island do not pose a threat to the Cascade Island, Washington shore, and Robins Island well users nor those populations within a 4-mile radius relying on municipal water supplies taken from groundwater supply wells due to the lack of hydraulic connection to the perched water-bearing unit beneath the island (USACE 2017b).~~

2.2.5 Hydrology

Flow within the Columbia River is modified by the operations of several federal and non-federal dams. Bonneville Dam at river mile (RM) 146.1 is the dam farthest downstream on the Columbia River. Hydrologic conditions immediately upstream and downstream of the dam are the primary focus of this section; however, regional hydrology is addressed given its influence on local hydrologic processes and the Columbia River's evolution (USACE 2017b).

2.2.5.1 Regional Hydrology

The Columbia River drains an area of 259,000 square miles and is ranked seventh in length and fourth in stream flow among United States rivers. It flows 1,243 miles from its headwaters in the Canadian Rockies of British Columbia, across Washington State, and along the border of Washington and Oregon to the

Pacific Ocean. There are 11 dams on the Columbia River's mainstem in the United States and 162 dams that form reservoirs with capacities greater than 5,000 acre-feet in the United States and Canadian parts of the basin (USGS 1996).

Climate in the Columbia River Basin varies considerably, but river hydrology is dominated by snowmelt from high-elevation areas, with the majority of annual flow occurring between April and July. High flows also occur between November and March, caused by heavy winter precipitation (Northwest Power and Conservation Council 2004).

All of the major dams and reservoirs within the basin operate in coordination with each other to control floods, manage fish migration, and produce power. The general operating year for the dams and reservoirs within the basin is divided into three periods:

- September through December – A fixed reservoir drawdown occurs because a forecasted volume of runoff that will occur in the spring is not yet available. Flows are managed to enhance the spawning of chum salmon below Bonneville Dam.
- January through mid-March to April – A variable drawdown occurs to meet the forecasted volume of the spring runoff based on snowpack measurements. Water must be present in April for juvenile fish migration.
- April through August – Refill season; the reservoirs are managed in an effort to fill the reservoirs and allow fish migration.

2.2.5.2 Local Hydrology

Most technical publications concerning the Columbia River focus on the basin and subbasins, specifically as they relate to water quality and specific habitats. Publications addressing details of individual hydrologic inputs in the immediate vicinity of Bonneville Dam are not readily available. The position of the Columbia River as a border between Oregon and Washington may contribute to a disjunction of available information. A series of subbasin plans and water quality reports were reviewed to obtain general information about the Columbia River Basin within the area of interest, which runs approximately from RM 142 (Pierce and Ives Islands) to RM 148 (Bridge of the Gods).

Bonneville Dam is considered a run-of-river project. Run-of-river projects, by definition, have limited storage and were developed primarily for navigation and hydropower. These types of projects pass water at the dam at nearly the same rate it enters the reservoir, with an average variance of water level behind the dam of 3 to 5 feet.

The tailwater elevation below Bonneville Dam varies in direct relationship to the river discharges, and ranges from about 7.0 feet above mean sea level (amsl) at a river flow of 70,000 cubic feet per second (cfs) to 36.3 feet amsl at a river flow of 660,000 cfs (USACE 1998). From Bonneville Dam to the ocean, the slope of the Columbia River is very flat and subject to tidal action. The daily tidal influence on water level during low water periods ranges from 1 to 2 feet at the dam (Washington Department of Fisheries [WDF] et al. 1990).

Within the Columbia River Basin are numerous subbasins formed by tributaries of the mainstem river. Although the layouts of the subbasins in their entirety extend beyond the area of interest, they each contain tributaries of the Columbia River, as identified below, within the area of interest. Hydrologic inputs immediately upstream of the dam include Ruckel and Eagle Creeks on the Oregon side of the river. Washington maps do not indicate any named creeks immediately upstream of the dam, although drainage features are presumed to exist. Hydrologic inputs immediately downstream of the dam include Tanner and Moffett Creeks on the Oregon side with Greenleaf and Hamilton Creeks contributing on the Washington side.

Streams draining the Oregon side of the Columbia River Basin (within the area of interest) originate and flow through the Hatfield Wilderness, a 39,000-acre portion of land managed by the United States Forest Service. Although streams discharging to the Columbia River originate and primarily flow through the protected wilderness, they also pass through the privately held and often developed properties located along the waterfront. Development such as roadways and railroads with riprap bisect the lower reaches of the tributaries and are presumed to have the greatest influence on the flow rate and water quality at the point where the tributaries join the Columbia River.

Urbanization of the land along the Columbia River has substantially altered original drainage and subsequent hydrologic inputs (USACE 2017b). A major roadway (two-lane highway in Washington and four-lane interstate in Oregon), railroad, and associated riprap also cross tributaries along the riverfront on both sides.

Forestry is a major industry upstream and downstream of the dam, especially in Washington. Timber practices are typically clear-cut and slash-and-burn, subject to Forest Practices Act regulations of both states (WDF et al. 1990). The significance of this industry, and to a lesser degree agriculture, is its effect on runoff and subsequent water quality. A damaged or destroyed riparian buffer, due to deforestation and agriculture, can substantially alter the morphology of streambeds and, in some cases, whole drainage basins. An example of the altered morphology would be increased flow rates, which can result in aggressive streambed scour, increased turbidity, elevated concentrations of dissolved minerals, and habitat destruction. Not only is the tributary being affected, but also subsequent discharge can potentially influence water quality, habitat, and flow in the mainstem (USACE 2017b).

2.2.6 Site Ecology

This section describes the habitats present at each AOPC and the Federal- and State-listed species that may occur in the area.

2.2.6.1 Ecological Habitats

Landfill AOPC. Upland meadow and shrub/forest fringe communities occupy the Landfill AOPC. This area once served as a temporary nursery for landscape plants used at Bonneville Dam and adjacent facilities. Adjacent to the Landfill AOPC is a larger area of conifer-dominated forest. The upland meadow habitat that occupies the surface of the Landfill AOPC has been disturbed by various field investigative activities (e.g., test pits, drilling operations) but has since been recolonized by surrounding vegetation.

The shrub and forest fringe area is characterized by rocky outcrops at the edges of the island and at the margin of the flat meadow area adjacent to the forested habitat. The substrate consists of a mixture of soils, rock that may have been placed, and what appear to be natural rock outcrops. The Landfill AOPC terrain is flat at the top and slopes steeply to the north and east into the Columbia River. The slopes are more densely vegetated with shrubs and trees than the flatter areas adjacent to the meadow.

The conifer forest in the central portion of the eastern side of Bradford Island is referred to as the Reference Area, as it appears to be the least disturbed habitat on the island, and is composed of mostly native species. This forest is apparently relatively young; USACE photographs from the 1930s show much smaller trees. It is likely that this forest was naturally seeded rather than planted. No stumps are present, indicating that past logging either did not occur, or was followed by recontouring the land that included removal of stumps. The larger trees are up to 1.5 feet in diameter at breast height and form a closed canopy. The substrate in the forest area consists of relatively thin topsoil and rocky outcrops. Dead and downed woody material is common.

Sandblast Area AOPC. The Sandblast Area AOPC is the portion of Bradford Island surrounding the former sandblast building on the eastern end of the site and includes the equipment laydown area adjacent to the Columbia River and vegetated/forested areas adjacent to the Current HMSA. To the northwest of the former sandblast building is a relatively flat, herbaceously vegetated area, followed by

a recently disturbed slope, then a paved road. Excavation and filling activities on the northwest slope in 2009 removed vegetation and exposed bare, erodible soils at the ground surface. During the following year, the disturbed area naturally revegetated and is currently vegetated with a dense scrub-shrub community. The equipment laydown subarea is gravel and paved flat area used for historical and current storage and maintenance of industrial equipment and materials.

The portion of the AOPC surrounding the Current HMSA is located uphill from the equipment laydown area. Sandblast grit was placed immediately east of the former sandblast building. South of the Current HMSA, the AOPC is dominated by mature Douglas fir forest. This area is densely vegetated with steep slopes. The area is bounded to the south by a cleared dirt road leading to an ~~old~~ out of service water tower. On the south side of the dirt road is the Former HMSA.

Pistol Range AOPC. Once the Pistol Range AOPC ceased being used for small arms practice in the late 1960s or early 1970s, the firing range was recolonized by surrounding herbaceous vegetation. The topography of the area consists of a series of cuts and fills, resulting in a sequence of slopes and flat areas. Currently, the ground surface is heavily vegetated with a mix of scrub-shrub and herbaceous vegetation. An upland meadow community, similar to the Landfill AOPC meadow community, covers the former firing range. The hillside behind the backstop is moderately steep (15 to 30 degree slopes) and is densely vegetated with herbaceous vegetation and shrub/forest fringe communities. Along the southern portion of the former firing range and south of the access road, a densely vegetated scrub-shrub community is present.

Bulb Slope AOPC. The Bulb Slope AOPC, so named because of historical disposal of light bulbs, including incandescent, fluorescent, and mercury vapor lamps in the area, consists of a steeply sloped area between the Landfill access road and the Columbia River on the north side of Bradford Island. The substrate consists of a mixture of soils, rock that may have been placed, and what appear to be natural rock outcrops, all of which is underlain by siltstone bedrock. The majority of the Bulb Slope AOPC is vegetated and/or covered with organic debris.

2.2.6.2 Biological Communities – Listed Species and Other Important Fish

The list of sensitive species with potential to occur at the Bonneville Dam Forebay (Forebay) is provided in the 2017 FS. The list of species was originally derived from correspondence with multiple agencies and stakeholders, reference books, and reports of studies focused on protected species in the Bonneville Dam vicinity. For more information regarding the list of species, see Section 3 of the RI Report (URS-USACE 2012). The list is focused on protected species in the Bonneville Dam vicinity. The status of the species in the list was updated based on the Threatened, Endangered, and Candidate Fish and Wildlife Species in Oregon (U.S. Fish and Wildlife Service [USFWS] ~~2014~~ 2024 and Oregon Department of Fish and Wildlife [ODFW] ~~2014~~2024) and the Oregon Biodiversity Information Center Rare, Threatened, and Endangered Species of Oregon list (Oregon Biodiversity Information Center ~~2014~~2024).

The ~~special-status (~~federal-~~ly~~ and state-listed ~~threatened)~~ fish and wildlife species that are known to occur or could potentially occur at the site are described below. In addition, this section also presents a brief discussion of other important fish species that are not Federal- or State-listed as threatened or endangered ~~non-listed important fish species~~ that may occur in the Forebay.

Fish Species. The Lower Columbia River is characterized by warmer, slower waters than the upper reaches, and this region consequently supports a larger diversity of native resident fish species including the following (Troffe 1999 and USACE 2001):

- Non-listed fish species: W~~such as the following non-listed fish: w~~hite sturgeon (*Acipescer transmontanus*), ~~,~~ ~~l~~longnose suckers (*Catostomus catostomus*), ~~and~~ minnows (i.e., chiselmouth [*Acrocheilus alutaceus*]), ~~,~~ trout (i.e., cutthroat trout [*Oncorhynchus clarki clarki*]), whitefish (i.e., mountain whitefish [*Prosopium williamsoni*]), and a variety of sculpins (*Cottidae*).

- Listed fish species: ~~Other native species that are found throughout the Columbia River include special-status trout (i.e., s~~steelhead (~~[~~*Oncorhynchus* spp.) – Federal-listed threatened and b~~] and b~~ull trout (~~[~~*Salvelinus confluentus*~~]~~) – Federal-listed threatened.

~~, non-listed trout (i.e., cutthroat trout [*Oncorhynchus clarki clarki*]), non-listed whitefish (i.e., mountain whitefish [*Prosopium williamsoni*]), and a variety of non-listed sculpins (*Cottidae*) (Troffe 1999 and USACE 2001).~~ The Bonneville Hatchery, located just below the dam, raises chinook (*Oncorhynchus tshawytscha*), a Federal-listed threatened species~~)~~ and coho salmon (*Oncorhynchus kisutch*) a Federal-listed threatened and state-listed endangered species. Ten of the 12 evolutionarily significant units (ESUs) have the potential to be present near Bradford Island as juveniles, adults, or both (USACE 2017b). The Columbia River near Bradford Island is used by these species primarily as a migratory route between upstream spawning areas and the Pacific Ocean. The listed ESUs fall into two juvenile life-history strategies: "ocean-type" that rear in freshwater for only a few weeks to a few months before migrating to the estuary/ocean during their first year of life, and "stream-type" that spend at least a year rearing in freshwater prior to their downstream migration to the ocean. The *Biological Assessment for Anadromous Fish Species and Steller Sea Lion Essential Fish Habitat* (USACE 2007) provides additional information as well as a general overview of the life history and status of each ESU and describes when adults and juveniles would be expected to be present near Bradford Island.

Adult salmon typically nearly cease feeding once leaving the Columbia River estuary on their upstream migration. Adult steelhead migrating upstream feed to a limited extent. Juvenile salmon and steelhead feed on their downstream migration. Juveniles feed on aquatic invertebrates and small fish. As noted above, several listed and candidate anadromous fish pass through the lower Columbia River on their journeys between spawning areas and the ocean. The residence time for anadromous fish near Bradford Island is expected to be minimal, but native and introduced resident species may forage at the Forebay, and many of these fish are popular recreational species.

Popular recreational fish species such as largemouth (*Micropterus salmoides*) and smallmouth (*M. dolomieui*) bass are common to the lower Columbia River and could reside in the Bradford Island vicinity. Other introduced fish species such as catfish (*Ameiurus* spp.), yellow perch (*Perca flavescens*), and walleye (*Stizostedion vitreum*) are also important sport fish that may be present near the Landfill for prolonged periods throughout the year.

Wildlife Species. The following wildlife species that are indigenous to this area of the Columbia River Gorge are federally (USFWS ~~2014~~2024) and/or state (ODFW ~~2014~~2024) listed as endangered or threatened:

- Northern spotted owl (*Strix occidentalis caurina*) – Federal-~~ly~~ and state-listed threatened species
- Columbia white-tailed deer (*Odocoileus virginianus leucurus*) – Federal-~~ly~~ listed endangered species (not currently a state-listed species)

The northern spotted owl lives in old-growth forests of the nearby Mount Hood and Gifford Pinchot National Forests. No old-growth forest exists on Bradford or Cascades Islands, and it is unlikely that adult spotted owls occur there due to lack of suitable nesting habitat. However, juvenile spotted owls might pass through the area.

Columbia white-tailed deer are very unlikely to occur on Bradford or Cascades Islands. Habitat for this species most frequently consists of riparian zones and bottomland hardwood forests and agricultural areas, including islands within the Columbia River downstream of Portland, Oregon (between RM 32 and RM 50), approximately 100 miles downriver from Bonneville Dam.

2.2.7 Cultural and Historical Resources

Four Native American tribes have treaty rights to engage in fishing from Bradford Island as a usual and accustomed fishing ground. The tribes include the Confederated Tribes and Bands of the Yakama Nation,

the Confederated Tribes of the Warm Springs Reservation, the Nez Perce Tribe, and the Confederated Tribes of the Umatilla Indian Reservation. The treaties that the U.S. entered into with these tribes in the 1850s reserve the rights of the tribal members to fish at all usual and accustomed places or sites, and erect buildings for curing fish. As an example, the Treaty with the Yakama Nation states that "t~~T~~he exclusive right of taking fish in all the streams, where running through or bordering said reservation, is further secured to said confederated tribes and bands of Indians, as also the right of taking fish at all usual and accustomed places, in common with the citizens of the Territory, and of erecting temporary buildings for curing them: together with the privilege of hunting, gathering roots and berries, and pasturing their horses and cattle upon open and unclaimed land." Treaty with the Yakama, June 9, 1855, Art. 3 (12 Stat. 951). The treaties with the Confederated Tribes of the Warm Springs Reservation, the Nez Perce Tribe, and the Confederated Tribes of the Umatilla Indian Reservation ~~other treaties~~ contain similar language. Members of the treaty tribes have historically fished and erected fishing platforms on the Bradford Island site, and in other locations in the Forebay. Photographic evidence shows these wooden platforms erected along the steep shoreline of Bradford Island, suitable for possibly holding one or two individuals for fishing purposes. Platforms such as those historically seen along the shores of Bradford Island are most common on the larger rivers in the Columbia Basin. These wooden structures are constructed during low-water periods with engineering techniques that have been handed down for generations. Platform sites belong to individual families, and tribal fishers using these scaffolds are likely fishing in the same location their own ancestors did.

2.2.8 Land Use and Resources

The Bonneville Dam complex lands set aside specifically for project operations include ~~97~~ 173 acres of land ~~owned~~managed, operated, and occupied by USACE (USACE 2020). As discussed in Section 1.3, Bonneville Dam is a multipurpose facility, managed for hydropower, navigation, recreation, and ~~natural resource~~fish and wildlife ~~preservation~~conservation. The Bonneville Master Plan (USACE 1997, 2020) summaries land use details. Specific land uses applicable to this SRI are described below.

The land on Bradford Island is specifically managed for Bonneville Dam complex operations (approximately 14 acres), high density recreation (e.g. visitor facilities and day use areas) (approximately 14 acres), and multiple resource management including low density recreation (e.g. fishing, hunting, hiking, wildlife viewing, and primitive camping) (approximately 36 acres) and wildlife management (approximately 13 acres) (USACE 2020).

The Upland OU is exclusively managed for Bonneville Dam complex operations (approximately 8 acres) and wildlife management (approximately 13 acres). Wooded and open areas within the Upland OU are managed primarily as goose nesting and foraging areas (USACE 1997). Geese also use lawn areas associated with the visitor facilities for foraging. No environmentally sensitive areas or mitigation areas exist (e.g. lands acquired or designated specifically for the purpose of offsetting losses associated with Bonneville Dam complex development) (USACE 2020).

~~Areas of Bradford Island are specifically managed for wildlife use. Thirteen acres of wooded and open areas on the eastern end of Bradford Island are for multiple resource wildlife management, primarily goose nesting and pasture areas. The open area immediately south of the service building is managed for goose pasture. Geese also use lawn areas associated with the visitor facilities for feeding.~~
~~The downstream western end of the island has 34 acres used for low density recreational fishing.~~
~~Eighteen acres on Bradford Island are used for visitor facilities, and the remaining acreage is used for project operations, including office, storage, and equipment maintenance facilities.~~

There are no plans to change the above land uses at Bonneville Dam; therefore, these appear to be the likely future land uses. However, consideration is given for potential tribal ~~occupancy~~ fishing use of Bradford Island, as this area is within several treaty tribes' usual and accustomed fishing boundaries. ~~The treaties that the U.S. entered into with several Native American tribes in the 1850s reserves the rights of~~

~~the tribal members to fish at all usual and accustomed places or sites, and erect buildings for curing fish (see Section 2.3.7).~~ Fishing has strong spiritual and cultural significance for tribes, and fishing along the Columbia River is a historic practice protected by treaty rights. ~~This resource right guaranteed to tribes is the basis for Indian cultural and economic self-sufficiency.~~ Successful remedial action may allow future tribal fishing to resume on Bradford Island, including at the Landfill , Bulb Slope, Sandblast, and Pistol Range AOPCs, with appropriate risk reduction at the site. Tribes will be permitted to ingress and egress ~~from the island~~ for fishing and other treaty rights~~via the pathway adjacent to the site's visitor center~~. Although there are no such current tribal uses, future tribal fishing use is anticipated upon completion of remediation for the Upland and River OUs. For purposes of this Work Plan, anticipated future use is quantified for the Upland OU as ~~access~~ use for 12 hours per day for an entire lifetime (estimated at 70 years) as representative of tribal fishers using the eastern portions of Bradford Island including the Landfill, Bulb Slope, Sandblast, and Pistol Range AOPCs for fishing activities during daylight hours (USACE 2017a, 2023a).

There are four distinct human populations in the general site area that use the land: site staff, site visitors, nearby residents, and Native American tribes. Site staff include the USACE employment at Bonneville Dam, which is currently estimated at 150 full-time-equivalent positions. Staff duties include a wide range of occupations, including maintenance, construction, office staff, visitor services, and natural resource management. Approximately 10 additional staff from the Portland District headquarters are stationed at the dam. Approximately 300 fisheries-related personnel (contractors/researchers from state and federal agencies) work at the dam from April through September. The number of construction and service contractors at Bonneville Dam varies depending on workloads but can number approximately 175 people (USACE 2017b).

A road from Interstate 84 provides access for site visitors to Bonneville Dam. Visitor access is monitored at the front gate, and visitors are allowed to visit several notable dam facilities, including the visitor center, fish ladders, and some other areas within the western portion of Bradford Island. The eastern portion of Bradford Island, including the Upland OU, is currently restricted. Only USACE personnel and authorized visitors are allowed into these areas.~~The access road is gated, but visitors are allowed to access several dam facilities (e.g., visitor centers and fish ladders). Bradford Island itself is gated and off limits to the public. Only USACE personnel and authorized visitors are allowed into these areas.~~

No permanent residential dwellings are located on Bradford Island. The primary population center in proximity to the dam is the town of North Bonneville, situated on the Columbia River just west of the dam on the Washington side of the river. The current population is estimated at approximately 1,050 persons (Census Reporter 2002). Major population centers to the west include Portland, Astoria, and St. Helens in Oregon, and Vancouver, Longview-Kelso, and Camas-Washougal in Washington. The cities of Cascade Locks, Hood River, and the Dalles in Oregon and Stevenson, Carson, and White Salmon in Washington lie upstream of the dam. Municipal and industrial pollution from these urban areas is expected to have affected the water quality of the mainstem Columbia River. Population growth is anticipated to result in the conversion of forest, rural residential, and agricultural land uses to high-density residential uses, with potential impacts to habitat conditions (Lower Columbia Fish Recovery Board 2004).

2.2.8.1 Beneficial Uses

According to Oregon DEQ guidance for determining beneficial water uses (Oregon DEQ 1998), groundwater may be classified as unlikely to be suitable for potable water uses if it meets the criteria of greater than 10,000 milligrams per liter (mg/L) of total dissolved solids (TDS) and yield less than 0.5 gallons per minute (720 gallons per day). Neither the shallow perched groundwater nor the deeper groundwater at Bradford Island appears to meet the yield criterion. DW2 was ~~A~~a water supply well originally drilled at Bradford Island to supply potable water to onsite workers was left inactive due to inadequate yield~~. The well was~~ and was formally abandoned in 2008 (USACE 2017b). Groundwater at

Bradford Island is not currently used as a source of potable water and groundwater uses are not expected to change (USACE 2004). Therefore, potable water supply use is a highly unlikely potential beneficial use for groundwater ~~(USACE 2017b)~~.

Designated beneficial uses for surface water in the mainstem of the Columbia River are described in Oregon Administrative Rule (OAR) 340-41-0101 (Oregon DEQ 2009). They include a variety of high-quality uses such as public and private domestic water supply, fishing, water contact recreation, and protection of fish and aquatic life. Beneficial use designations for fish uses include salmon and steelhead migration corridors as well as shad and sturgeon spawning and rearing (USACE 2017b).

2.3 West Bradford Island Environmental Setting

West Bradford Island (west of the visitor center) is downstream of the Bonneville Dam spillway. Conifer trees line the northern shore between the access road and the shoreline. South of the access road, the landscape is dominated by shrubs and grasses on a prominent knoll. Five transmission line towers are erected near the western end of the island within a fenced and graveled laydown area. A parking lot lies at the end of the access road at the western tip of the island. The western portion of the island has 34 acres used for low-density recreational fishing.

LEGEND

- MONITORING WELL LOCATION
- SEEP SURFACE WATER SAMPLING LOCATION
- WATER TOWER
- 5-FOOT ELEVATION CONTOUR (NAVD88) (USGS 2019)
- 10-FOOT ELEVATION CONTOUR (NAVD88) (USGS 2019)
- ROAD
- UPLAND OPERABLE UNIT
- BULB SLOPE AOPC
- LANDFILL AOPC
- PISTOL RANGE AOPC
- SANDBLAST AREA AOPC

NOTES:

AOPC = AREA OF POTENTIAL CONCERN

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0 125 250 Feet

N

FIGURE 2-1
BRADFORD ISLAND SITE FEATURES
UPLAND OPERABLE UNIT SUPPLEMENTAL
REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON

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LEGEND

- DRINKING WATER SUPPLY WELL (NO LONGER IN USE)
- 5-FOOT ELEVATION CONTOUR (NAVD88) (USGS 2019)
- 10-FOOT ELEVATION CONTOUR (NAVD88) (USGS 2019)

NOTES:

NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988

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0 300 600 Feet

N

FIGURE 2-2
WEST BRADFORD SITE FEATURES
UPLAND OPERABLE UNIT SUPPLEMENTAL REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON

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SECTION 3

Conceptual Site Models

The CSM includes the source of contamination, affected media, and potential routes of migration, and is used to develop an understanding of the site and evaluate potential risks to human health and the environment. A diagram illustrating the CSM for the site is provide on Figure 3-1. The CSM serves as the foundation for understanding and evaluating the potential contaminant distribution, exposure pathways, and risks for the site. Human health and ecological risk assessments for the Upland OU AOPCs are final and documented in the *Baseline Human Health and Ecological Risk Assessment, Upland Operable Unit* (URS-USACE 2016) and the *Addendum, Bradford Island Upland OU, Reevaluation of Baseline Risk Assessment Calculations* (USACE 2017a).

The CSM for the Landfill and Sandblast Area AOPCs (Figure 3-~~1~~2) is based on information from the 2012 RI (URS-USACE 2012) and summarized in the following sections, as well as a summary of the current understanding of CSMs for the Road Complex and West Bradford Island. Data gaps were not identified for the Bulb Slope or Pistol Range AOPCs; therefore, SRI activities will not be performed at these AOPCs. The CSMs and investigation history for these AOPCs are summarized in previous reports (see Table 2-1).

3.1 Landfill AOPC

3.1.1 Site History

The Landfill AOPC (Figure 3-3~~2~~) was historically used by USACE to dispose of waste materials from approximately 1942 to 1982, with its greatest use in 1952 and then intermittently used until 1982. Waste was buried in the discrete pits and included household waste and project-related wastes (see Section 3.1.3 for more detail). Some exposed material on the northern edge and the surface of the Landfill was observed during past investigations. A pesticide/herbicide wash area near the south side of the Landfill was also historically used. Stained soils have been observed in the center of the Landfill AOPC indicating possible historical open burning practices. By 1982, the Landfill was closed and a soil cap was placed over the Landfill. In 1989, approximately 8 inches of additional soil cover was placed over the Landfill, and the site was subsequently managed as a wildlife habitat for geese (USACE 1997). Active goose habitat management included periodic mowing; however, this activity ceased in the middle to late 1990s to prevent geese from laying eggs at the site. The former Landfill and the equipment laydown area (ELA) in the vicinity of the Landfill AOPC are no longer in use for Bonneville Dam operation.

3.1.2 Physical Setting

Relevant features discussed below can be found in Figure 3-3. The Landfill AOPC is located on the northeastern tip of Bradford Island at an elevation ranging from 82 to 119 feet NAVD88, which is approximately 44.5 feet above the average elevation (see Section 2.2.1) of the Forebay immediately upstream of the dam and adjacent to Bradford Island. The topography of the Landfill AOPC is generally level except for where the north and east ends of the Landfill AOPC steeply descend to the Columbia River. West of the Landfill, the topography slopes downward gently to the west. The topography to the south and southwest of the Landfill AOPC slopes steeply upward to points of higher elevations within the center of Bradford Island. Access to the Landfill AOPC is provided by an unimproved access road from the west of the site (Figure 3-3~~2~~). The Landfill AOPC surface is currently densely vegetated with forest, scrub-shrub, and herbaceous vegetation. The access road that traverses along the southern margin of the Landfill AOPC is more sparsely vegetated with herbaceous vegetation.

Soil at the Landfill AOPC predominately consists of colluvium/alluvium composed of silty sands and gravels down to a depth of 15 to 30 feet bgs (URS-USACE 2012). Increasing amounts of sandstone and conglomerate bedrock clasts from the Eagle Creek Formation slide block below occur with depth.

Nine monitoring wells were installed at the Landfill AOPC between 1998 and 2002 using HSA and air rotary drilling methods. An additional well, MW-10, was installed as a reference well near the east end of Bradford Island south of the Landfill AOPC. As shown in Table 2-2 these wells are screened at depths up to 58 feet bgs in the weathered slide block and upper part of the slide block. The locations of these wells are shown on Figure 2-1~~3-2~~.

Groundwater on the eastern end of Bradford Island is generally within the colluvium/alluvium and weathered slide block and is largely perched on the less-permeable Eagle Creek slide block. Groundwater is encountered between approximately 7 and 57 feet bgs beneath the Landfill AOPC. The landfilled material was estimated to be at a maximum depth of 15 feet bgs (2012 RI). As a result, during wetter portions of the year (winter and spring), the water elevation can rise high enough to intersect buried waste materials in certain areas of the Landfill AOPC. ~~During wetter portions of the year (winter and spring), the water elevation can rise high enough to intersect buried waste materials in certain areas of the Landfill AOPC.~~ Groundwater flows to the north under both wet season and dry season conditions. Horizontal hydraulic gradients range from 0.10 to 0.13 foot per foot and hydraulic conductivities range from 14 to 320 feet per day in the fill/alluvium beneath the Landfill AOPC (URS-USACE 2012, 2004b).

Seeps are observed from fractured bedrock outcrops along the north shore of the island when there are higher levels of precipitation (URS-USACE 2012, 2004a). Boring log data from within the Landfill AOPC show that the top of the competent slide block is generally above the Forebay elevation (74 amsl average) (URS-USACE 2004a). The alluvium and weathered slide block are not in direct contact with the river. For water to get to the river, it would need to seep out along the bank (consistent with seeps that have been observed) and/or migrate down into the competent slide block and be transported to the river within the slide block (possible but less likely) (HGL-USACE 2021). Seeps have previously been observed at the base of the slope located along the southern margin of the Landfill AOPC, which flow west along the access road before infiltrating back into the ground between the access road and the river (URS-USACE 2009b).

3.1.3 Source of Contamination and Affected Media

Past SIs have identified historical waste disposal and management practices to be the primary source of contamination at the Landfill AOPC. The Landfill AOPC is not a conventional landfill, rather it consisted of randomly located pits filled in with waste items. The waste buried in the discrete pits included household waste, project-related wastes (grease, light bulbs, sandblast grit), electrical debris (up to 50 ballasts), broken glass, rubber tires, metal debris, wood debris, metal cables, asbestos containing building materials, burned debris, ceramic insulators, and mercury vapor lamps. Some exposed material observed on the northern edge and the surface of the Landfill has included concrete rubble, steel cables, a few empty buckets and drums, plastic planter buckets, empty cans and paint solids, metallic slag, partially burned construction debris, and miscellaneous trash. Waste was buried in discrete, individual pits within the Landfill, rather than a single large disposal pit. Other historical activities included pesticide/herbicide mixing and rinsing activities, equipment storage, and possibly open burning activities (as evidenced by stained soils onsite).

The Landfill AOPC encompasses an estimated area of approximately 28,000 square feet. Based on historical aerial photograph, geophysical, test pit, boring log, and ground surface observation data, the landfill volume is estimated to be between 7,500 and 9,900 cy, with a maximum depth of 15 feet bgs (URS-USACE 2012).

Historical use of the Landfill AOPC to manage, store, and dispose of waste materials has resulted in contamination of soil, groundwater, and seep water with chemicals associated with the wastes. The type and magnitude of contamination is variable, consistent with the variable waste management, storage, and disposal activities that occurred at the Landfill AOPC.

3.1.4 Nature and Extent of Contamination

Results of previous SIs at the Landfill AOPC evaluated during the 2012 RI confirmed past disposal practices have impacted soil, groundwater, and seep water with chemicals associated with wastes. Historical data is provided in Appendix D. The type and magnitude of contamination in the Landfill AOPC is variable, which is consistent with the variable waste management, storage, and disposal activities that occurred at the Landfill AOPC.

The 2012 RI concluded that soils throughout the Landfill AOPC are impacted by metals, PAHs, and other SVOCs. Impacts to soil from butyltins, herbicides, pesticides, PCBs, TPH, and VOCs are much more limited (USACE 2017b). Table 3-1 presents the maximum concentrations of analytes detected in soil at concentrations exceeding their respective project SLV at the Landfill AOPC. Figures 3-4~~3~~ and 3-5~~4~~ present the Landfill AOPCs COCs and COECs detected above their respective SLVs and reference values. As shown in Table~~-~~3-1 and on Figure 3-43, the highest concentrations of chromium, lead, and nickel at the site ~~w~~were found in the Gulley Test Pit Area. Similarly, ~~as~~ shown on Figure 3-54, the highest concentrations of PAH~~s~~ and PCBs were found in the Gulley Test Pit Area with the second highest concentrations of these constituents found in Test Pit 1.

Most of the ground surface at the Landfill AOPC is relatively flat and well vegetated, and shows minimal evidence of surface runoff, soil erosion, or sediment deposition, indicating that the ground surface is stable and there is minimal potential for offsite migration of contaminated soil or buried debris. The north and east sides of the Landfill AOPC include steep slopes leading down to the Columbia River. Although the current potential for mass wasting appears low, it is uncertain if there was mass wasting from this slope historically and without mitigation. Soil on these slopes has the potential to migrate to the Columbia River via mass wasting.

Many of the same constituents that impact the soil have been detected in groundwater, as well as relatively low concentrations of selected VOCs such as PCE, vinyl chloride, and chloroform. Metals, TPH, and VOCs were detected in groundwater throughout the Landfill AOPC. Low concentrations of these constituents were also detected in seep water sampled along the northern perimeter of the AOPC. Butyltins, herbicides, pesticides, PCBs, PAHs, and SVOCs had generally limited detections in groundwater. Butyltins, herbicides, pesticides, PCBs, and PAHs were not detected in seep water (USACE 2017b). Table 3-2 presents the maximum concentrations of analytes detected in groundwater samples collected in 2022 at concentrations exceeding their respective project SLVs in the Landfill AOPC.

Only a select number of s~~S~~amples will be collected ~~during this SRI will not be~~and analyzed for TPH and butyltins during this SRI. The Landfill and Sandblast AOPCs have been well characterized in terms of nature and extent for these analyte groups, their occurrence was found to be limited, and they were not retained as COCs/COECs in the 2016 Risk Assessment. In addition, since there has been ~~no~~ little evidence of mobile free-phase petroleum or TPH concentrations high enough to suggest the presence of free-phase petroleum, there is ~~no potential~~a low likelihood of mobile petroleum NAPL and ~~for~~ co-solvency enabled transport of PCBs. The PAH fraction of TPH will continue to be included in the analyte list. ~~If free-phase petroleum is observed during SRI activities or the planned removal action, sampling for TPH will be reconsidered.~~

As shown in Table 3-2, there are several exceedances of metal SLVs in MW-01, MW-05, and MW-09 during the April 2022 sampling event.

Table 3-1. Maximum Concentrations of Analytes Detected in Soil at Concentrations Exceeding Their Respective Project SLV at the Landfill AOPC
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample Name	Method	CAS	Analyte	Maximum Result	Units	Flag	SLV* (0-3 feet)	SLV* (0-10 feet)
BIL01TPG	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8082	12672-29-6	Aroclor-1248	0.968	mg/kg		0.041	0.22
BIL01TPG	10/15/2001	0 - 10	SO	N	011015BIL01TPG	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.996	mg/kg		0.0073	0.23
BIL02SSI	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8151	93-65-2	MCPP	14	mg/kg		6	6
BIL04SSI	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	56-55-3	Benzo(a)anthracene	32	mg/kg		1.1	1.1
BIL04SSI	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	205-99-2	Benzo(b)fluoranthene	65	mg/kg		1.1	1.1
BIL04SSI	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	191-24-2	Benzo(g,h,i)perylene	18	mg/kg		1.1	173
BIL04SSI	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	207-08-9	Benzo(k)fluoranthene	65	mg/kg		1.1	11
BIL04SSI	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	21	mg/kg		0.02	37
BIL04SSI	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	53-70-3	Dibenzo(a,h)anthracene	9.9	mg/kg		0.1056	0.11
BIL04SSI	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	206-44-0	Fluoranthene	54	mg/kg		1.1	230
BIL04SSI	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	CALC_Tot_PAH	--	Calc Total HPAHs (KM, Capped-MDL)	367.9	mg/kg		1.1	--
BIL04SSI	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	PCBS	11096-82-5	Aroclor-1260	0.66	mg/kg	J	0.041	0.23
BIL04TPG	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	95-63-6	1,2,4-Trimethylbenzene	14.3	mg/kg		0.09	29
BIL04TPG	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	108-67-8	1,3,5-Trimethylbenzene	5.41	mg/kg		0.16	26
BIL04TPG	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	100-41-4	Ethylbenzene	2.7	mg/kg	J	0.27	5.6
BIL04TPG	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	179601-23-1	m,p-Xylene	9.8	mg/kg		1.4	53
BIL04TPG	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	91-20-3	Naphthalene	8.36	mg/kg		1.9	1.9
BIL04TPG	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	95-47-6	o-Xylene	4.26	mg/kg	J	1.4	61
BIL04TPG	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	127-18-4	Tetrachloroethene	403	mg/kg		0.18	7.8
BIL04TPG	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	108-88-3	Toluene	133	mg/kg		23	470
BIL04TPG	10/15/2001	0 - 10	SO	N	011015BIL04TPG	NWTPH-Gx	TPH-G	Gasoline Range Organics	586	mg/kg	J	120	1200
BIL05SSI	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	METALS	7440-38-2	Arsenic	30.1	mg/kg		0.43	0.43
BIL05SSI	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	METALS	7440-50-8	Copper	494	mg/kg		28	298
BIL06SSI	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	METALS	7439-97-6	Mercury	5.5	mg/kg		0.013	1.1
BIL06USE	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	84-74-2	Di-n-butylphthalate	1.8	mg/kg		0.011	605
BIL07USE	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8081A	50-29-3	4,4'-DDT	0.028	mg/kg		0.021	1.8
BIL11	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7440-36-0	Antimony	11.6	mg/kg		0.27	3
BIL11	10/16/2001	8 - 8	SO	FD	011016BIL12SS	NWTPH-Dx	TPH-D	Diesel Range Organics	11700	mg/kg		260	1100
BIL11	10/16/2001	8 - 8	SO	FD	011016BIL12SS	NWTPH-Dx	MOIL	Residual Range Organics	50600	mg/kg		260	2800
BIL13	10/16/2001	4 - 4	SO	N	011016BIL13SS	8082	11097-69-1	Aroclor-1254	0.499	mg/kg		0.029	0.029
BIL13SSI	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	METALS	7439-89-6	Iron	56100	mg/kg		5280	5280
BIL13SSI	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	METALS	7782-49-2	Selenium	1.08	mg/kg	J	0.52	37
BIL13SSI	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	METALS	7440-28-0	Thallium	0.378	mg/kg		0.05	0.075
BIL15	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7440-62-2	Vanadium	93.4	mg/kg		7.8	37
BIL17	10/16/2001	1 - 1	SO	N	011016BIL17SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.0144	mg/kg		0.00015	0.055

Table 3-1. Maximum Concentrations of Analytes Detected in Soil at Concentrations Exceeding Their Respective Project SLV at the Landfill AOPC
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample Name	Method	CAS	Analyte	Maximum Result	Units	Flag	SLV* (0-3 feet)	SLV* (0-10 feet)
BIL17	10/16/2001	1 - 1	SO	N	011016BIL17SS	8081 Pest	12789-03-6	technical-Chlordane	1.56	mg/kg		0.27	1.6
BIL18	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	50-32-8	Benzo(a)pyrene	34	mg/kg		0.11	0.11
BIL18	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	218-01-9	Chrysene	35.3	mg/kg	J	1.1	106
BIL18	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	20	mg/kg		1.1	1.1
BIL18	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	129-00-0	Pyrene	67.1	mg/kg		1.1	173
BIL18	10/16/2001	2 - 2	SO	N	011016BIL18SS	CALC_Tot_PAH	--	Calc Total LPAHs (KM, Capped-MDL)	34.767	mg/kg		29	--
BIL18	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7439-92-1	Lead	1660	mg/kg	J	11	192
BIL19	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7440-48-4	Cobalt	42.3	mg/kg		2.2	2.2
BIL19	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7440-02-0	Nickel	1760	mg/kg	J	38	134
BIL20	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7429-90-5	Aluminum	23100	mg/kg		50	7392
BIL21	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7440-47-3	Chromium	2300	mg/kg		0.29	0.29
BIL22	10/16/2001	3 - 3	SO	N	011016BIL22SS	8081 Pest	76-44-8	Heptachlor	0.00307	mg/kg		0.0016	0.11
BIL22	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7440-43-9	Cadmium	3.93	mg/kg		0.36	0.68
BIL22	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7439-96-5	Manganese	2520	mg/kg	J	173	173
BIL22	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7440-66-6	Zinc	1180	mg/kg	J	46	2208

* SLV sources are provided in Appendix A.

Qualifier Description
J = The reported value is an estimate.

Notes:
bgs = below ground surface
Calc Total HPAHs (KM, Capped-MDL) = total high molecular weight polycyclic aromatic hydrocarbons calculated using KM capped statistics with nondetects set to the method detection limit
Calc Total LPAHs (KM, Capped-MDL) = total low molecular weight polycyclic aromatic hydrocarbons calculated using KM capped statistics with nondetects set to the method detection limit
FD = field duplicate
N = normal
mg/kg = milligram(s) per kilogram
SLV = screening level value
SO = soil

Table 3-2. Maximum Concentrations of Analytes Detected in Groundwater Collected in 2022 at Concentrations Exceeding Their Respective Project SLV at the Landfill AOPC

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample Name	Method	CAS	Analyte	Maximum Result	Units	Flag	SLV*
MW-01	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7440-48-4	Cobalt	6.12	ug/L	J	6
MW-05	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7439-89-6	Iron	39900	ug/L		14000
MW-05	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	NWTPH-DX	TPH-D	Diesel Range Organics	870	ug/L		100
MW-05	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	NWTPH-DX	MOIL	Residual Range Organics	1500	ug/L		300
MW-09	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7439-92-1	Lead	54.7	ug/L		15

* SLV sources are provided in Appendix A.

Qualifier Description
J = The reported value is an estimate.

Notes:
bgs = below ground surface
FD = field duplicate
N = normal
SLV = screening level value
ug/L = microgram(s) per liter
WG = groundwater

In 2022, groundwater samples were collected from Bradford Island monitoring wells and compared to the SLVs established at that time. During this sampling event, total PCBs were detected (0.036 µg/L) in reference well MW-10 above the respective SLV (0.0215 µg/L). MW-10 was sampled again in 2023, and total PCBs were detected (0.024 µg/L) above the respective SLV. At the time, the SLVs selected for the project considered the potential for vapor intrusion into a commercial structure (based on the use of EPA's vapor intrusion screening level [VISL]) on Bradford Island. However, SLVs have been updated to reflect the use of Oregon DEQ's commercial VISL for total PCBs (which became available in March 2024), as shown in Appendix A, Table A-2. The current SLV for total PCBs in groundwater is 7.2 µg/L. MW-10 was installed in 2008 to represent background concentrations for metals and other COCs on the island due to its location in the Reference Area and at the end of an abandoned dirt road leading south from the eastern end of the Landfill. During the well installation, no recent development was observed in conjunction with this road; however, aerial photographs from 1935 to 1954 show the road that goes to MW-10 formerly continued westward across a portion of the island, turned north, and then continued to the west around the north side of the high point on the island where the water tower now exists. While this road existed, it could have been a continuous route that was taken by a truck disposing of waste at the Landfill. While the historical concentrations of total PCBs are below the current project SLV, the source of PCBs recently detected in reference well MW-10 is unknown.

MW-10 is upgradient from the Landfill, and although the flow direction in this area is not well defined, historical groundwater flow direction is reported to be to the north in the alluvial zone. Slope stability assessments (USACE 2017b) determined that the slide block (less-permeable sandstones and conglomerates), below the colluvium/alluvium, dips slightly to the south and may influence groundwater flow to the south. Therefore, the source of PCB in MW-10 may be from the Landfill on Bradford Island due to a reversal in groundwater flow direction toward MW-10. Groundwater has been assumed to discharge directly to the Columbia River; therefore, the potential that this contaminated groundwater is being discharged to the Columbia River from groundwater flow direction reversal to the south needs further investigation. Several activities are proposed to investigate the detections of PCBs in MW-10.

Seep samples at several locations along the northern extent of the island contained low concentrations of TPH as diesel range organics (TPH-DRO) and VOCs that slightly exceeded the surface water screening levels, indicating migration of these constituents in groundwater to the seeps (see Appendix D). PCBs, pesticides, PAHs, and metals were not detected at seeps (URS-USACE 2012 and HGL-USACE 2021).

During the 2012 RI, groundwater and seep water analytical data were compared to applicable SLVs to assess the groundwater to surface water pathway at the Landfill AOPC (URS-USACE 2012). Elements of this pathway include leaching of soil contaminants to groundwater and discharge of groundwater to the river either at seeps or as base flow.

Additional site-specific details of the nature and extent of contamination at the Landfill AOPC are provided in the RI Report (URS-USACE 2012).

COCs and COECs (summarized in Section 3.1.7) exceeding SLVs in soil at the Landfill AOPC are shown on Figures 3-4~~3~~ and 3-5~~4~~. Figure 3-6~~5~~ presents the Upland OU existing monitoring well network and most recent detects of PCBs and cVOCs in groundwater. Total PCB congener concentrations less than approximately 0.01 µg/L (10 parts per trillion) may not be representative of site conditions. During the 2022 groundwater sampling round, rinsate blanks contained approximately 0.0012 µg/L total PCB congeners.

Appendix A presents SLVs updated with the most recent published criteria and the hierarchy for selection of the final recommended SLVs for soil and groundwater. The most updated project SLVs selected for human and ecological exposure to soil are presented in Appendix A, Table A-1. The most updated project SLVs for human exposure to groundwater are presented in Appendix A, Table A-2.

3.1.5 Fate and Transport Characteristics

The anticipated primary mechanisms for offsite transport of contaminants from the Landfill AOPC includes (1) leaching of contaminants from buried debris and/or contaminated soil to groundwater and subsequent discharge of groundwater contaminants into the Columbia River via shoreline seeps, and (2) direct mass wasting (small slope failures) of soil and potentially debris into the river. Once discharged into the river by either mechanism, contaminants are rapidly diluted, dispersed, and/or volatilized by the flow of the river.

Site data suggest that inorganic and organic contaminants at the Landfill AOPC are leaching from buried debris and/or contaminated soil into groundwater. The degree to which a contaminant may leach to water is mainly a function of its solubility in water, although there are other factors that also affect how much reaches groundwater. PCBs are hydrophobic and generally have low water solubilities that decrease with increased chlorination, varying by Aroclor and/or congeners. Reported solubilities for PCB congeners range from approximately 0.0012 to 4,830 µg/L for congeners[3] and 0.0027 to 0.59 mg/L for Aroclors[4]. Groundwater analytical data confirm that most contaminants detected in surface and subsurface soils are also detected in groundwater. The transport mechanism is likely a combination of (1) leaching directly into precipitation as it infiltrates through the vadose zone and (2) leaching directly to groundwater where buried landfill wastes are saturated by the seasonal high water table. The majority of precipitation and groundwater that enters the Landfill AOPC is estimated to exit at the north edge of the Landfill along the steep slopes above the Columbia River, either as diffuse flow in the upper, high permeability alluvium or as seeps from vertical fractures in the lower, low permeability bedrock slide block (URS-USACE 2004a). Only a small fraction of groundwater is estimated to be exiting as vertical leakage through the slide block, and subsequently upwell through the river bottom (URS-USACE 2004a). Groundwater discharge via seepage along the northern riverbank is considered to be the greatest contributor of groundwater discharge to the Columbia River. The vertical migration of groundwater into the underlying, competent bedrock slide block and subsequent migration to the river are considered to be less significant or negligible (HGL-USACE 2021).

The primary transport mechanism for insoluble/non-volatile contaminants is to physically move the soil by mass wasting and/or surface erosion. The majority of the ground surface at the Landfill AOPC is relatively flat and well vegetated, and shows minimal evidence of surface runoff, soil erosion, or sediment deposition, indicating that the ground surface is stable and there is minimal potential for offsite migration of contaminated soil or buried debris into the river by surface erosion. However, the northern and eastern perimeter of the Landfill AOPC consists of steep slopes leading down to the Columbia River. Soil on these slopes have an ongoing potential to migrate into the Columbia River via mass wasting. While there is no visual evidence of current sloughing along the steep northern perimeter of the Landfill AOPC, undercutting has been observed along the waterline, indicating that historical mass wasting has likely occurred. Although the potential for bedrock failure is low, if mass wasting were to occur on the steep slopes, contaminated soils could potentially reach the river.

Less significant transport mechanisms include the volatilization of contaminants (e.g., VOCs and SVOCs) into the air from surface and near surface soils and surface water, and the release of volatile and non-volatile soil contaminants as particulate dust into the air. Once released into the air, volatile contaminants and dust are rapid dispersed in the atmosphere. Also, since the landfill surface is well vegetated and vehicles or heavy equipment are not operated on the landfill surface, the potential for contaminant migration in dust is considered very low.

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[3] https://www.ncbi.nlm.nih.gov/books/NBK361688/#:~:text=The%20solubility%20of%20PCBs%20in,polar%20character%20of%20these%20molecules

[4] https://www.atsdr.cdc.gov/toxprofiles/tp17-c4.pdf

3.1.6 Exposure Pathways

3.1.6.1 Human Health Exposure Pathways and Receptors

Multiple potential current and future receptor groups and exposure pathways were identified in the 2016 HHRA for the Landfill AOPC (URS-USACE 2016). The potential receptor groups and exposure pathways are summarized as follows:

- Current/future outdoor maintenance workers (adults) – surface soil from 0 to 3 feet bgs (ingestion, dermal contact, and inhalation of dusts and vapors)
- Current/future construction/excavation workers (adults) – surface and subsurface soil from 0 to 10 feet bgs (ingestion, dermal contact, and inhalation of dusts and vapors) and shallow groundwater (ingestion, dermal contact, and inhalation)
- Hypothetical future fishing platform users (adults and children) – surface soil from 0 to 3 feet bgs (ingestion, dermal contact, and inhalation of dusts and vapors) by adults and children
- Nursing infants – maternal milk (ingestion) from mothers who are hypothetical future fishing platform users or workers with soil exposures from 0 to 3 feet bgs.

These potential receptors and exposure pathways were further evaluated in the BHHRA, as described in Section 3.2.1 of the 2016 HHRA.

3.1.6.2 Ecological Exposure Pathways and Receptors

Potentially complete exposure pathways for the Landfill AOPC were identified in the screening level ERA completed in 2012 (URS-USACE 2012) and refined in the 2016 BERA (URS-USACE 2016). Exposure media and exposure pathways for ecological receptors that were retained for further evaluation in the BERA for the Landfill AOPC are summarized below. Groundwater and seep water were not retained for further evaluation in the screening level ERA. Surface water was evaluated as part of food-chain uptake pathways for birds and mammals.

- Terrestrial plants – Root uptake from surface and shallow soils
- Soil invertebrates – Direct contact (ingestion and dermal contact) with surface and shallow soils
- Birds (Canada goose, American robin, American kestrel) – Incidental ingestion of surface and shallow soil, ingestion of forage or prey, and ingestion of water
- Upland mammals (vagrant shrew) – Incidental ingestion of surface and shallow soil, ingestion of prey, and ingestion of water
- Piscivorous mammals (American mink) – Incidental ingestion of surface soil, upland prey, and water

3.1.7 Chemicals of Concern and Chemicals of Ecological Concern

Based on the risk screening processes described in the 2016 risk assessment (URS-USACE 2016) and the 2017 *Bradford Island Upland Operable Unit Reevaluation of Baseline Risk Assessment Calculations Addendum* (USACE 2017a), the COCs for human health were determined in soil and groundwater/seep water at the Landfill AOPC (Table 3-3).

Table 3-3. Summary of COCs for Human Health in the Landfill AOPC
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Media	Outdoor Maintenance Worker	Construction Worker	Excavation/Trench Worker	Indoor Office Worker	Hypothetical Fishing Platform User
Soil	cPAHs	Benzo(a)pyrene	None	None	Arsenic, total PCBs, and cPAHs
Groundwater	None	None	None	None	None

Notes:

cPAHs were evaluated as a group based on benzo(a)pyrene equivalents as follows:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(k)fluoranthene
- Chrysene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene

In the 2012 screening level HHRA, groundwater was screened for potable use and contact by construction/excavation workers. In 2014, Oregon DEQ agreed that potable use of groundwater was infeasible. In the 2016 BHHRA, groundwater exposures by excavation/trench workers were quantified, and risks were low (excess lifetime cancer risk = 5E-08, noncancer HI = 0.04); therefore, no groundwater COCs were identified.

Based on findings of the 2016 BERA (URS-USACE 2016), the following soil COECs were determined for the Landfill AOPC (Table 3-4). As noted above, results of the screening level ERA (URS-USACE 2012) did not indicate potential risk to ecological receptors from exposure to groundwater or seep water. No COECs were identified for surface water ingestion in the BERA (URS-USACE 2016).

Table 3-4. Summary of COECs in the Landfill AOPC
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Media	Terrestrial Plants	Soil Invertebrates	American Robin	Vagrant Shrew
Soil	Mercury, nickel, chlordane, and HPAHs	Mercury and HPAHs	Chromium, copper, lead, mercury, nickel, and chlordane	Chromium, copper, lead, mercury, nickel, chlordane, and HPAHs

Notes:

HPAHs include the following:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(g,h,i)perylene
- Chrysene
- Dibenzo(a,h)anthracene
- Fluoranthene
- Indeno(1,2,3-cd)pyrene
- Pyrene

3.1.8 Data Gaps and Uncertainties

During review of 2022 groundwater sampling data from the Landfill AOPC monitoring well network, PCBs were unexpectantly detected at MW-10 (see Figure 3-6~~5~~ and Section 3.1.4). Additional investigation in the vicinity of MW-10, located south of the Landfill AOPC boundary, is planned to evaluate the source and extent of PCBs detected. Therefore, the data gaps associated with this detection of PCBs in groundwater at MW-10 are as follows:

- Are PCBs detected in groundwater at reference well MW-10 due to migration from the Landfill during seasonal groundwater flow reversal, either as dissolved PCBs or due to facilitated transport (transport sorbed to colloidal material)?
- Are PCBs detected in groundwater at reference well MW-10 from a nearby soil source or from landfill leachate?

In addition, the following more general uncertainty will be addressed:

- What are current groundwater quality and flow conditions at monitoring wells and seeps in the Landfill AOPC?

3.2 Sandblast Area AOPC

3.2.1 Site History

The Sandblast Area AOPC in the north-central part of Bradford Island, includes subareas associated with different sources of contamination in the area surrounding the former sandblast building. The former sandblast building was historically used for sandblasting operations and painting of equipment from approximately 1958 to 1988 (Figure 3-7~~6~~) (URS-USACE 2012). In addition to sandblasting and painting operations, portions of the AOPC were also historically used for industrial equipment laydown, transformer maintenance and disassembly, and hazardous waste storage. In summary, the subareas of the Sandblast Area AOPC associated with different sources of contamination include the following:

- A former disposal area for spent sandblast blast grit was located east of the former sandblast building. Equipment painted with metallic (including lead and zinc chromate systems) and organometallic compounds was periodically stripped and repainted in the former sandblast building from approximately 1958 to 1988 (after 1988, sandblasting and painting operations moved to the service center building). Application of lead-based paints ceased in the early 1980s. Although no records of sandblast grit disposal activities were kept from 1958 to 1994, sandblast grit observed adjacent to the former sandblast building indicates that spent sandblast grit was historically spread onsite for an unknown period prior to 1994. Historical records from 1994 state that 215,680 pounds of sandblast grit were disposed of as Resource Conservation and Recovery Act (RCRA) hazardous waste, and waste disposal records from 1997 and later indicate that approximately 70 tons of spent blast media was generated per year from sandblasting operations (URS-USACE 2006). Previous investigations concluded that the primary source of soil contamination in the Sandblast Area AOPC is from the open disposal of sandblast grit.
- A former transformer disassembly area was located east of the former sandblast building. In 1995, PCB-containing transformers were disassembled at the paved parking area on the east side of the former sandblast building (Figure 3-7~~6~~), and in November 1995, approximately 1 quart of PCB-containing oil was released and spread northward with stormwater runoff and into the stormwater drainage system, which has two outfalls to the Columbia River Outfalls (HGL-USACE 2021). A sheen of oil on the Columbia River was observed, and booms and absorbent pads were placed on the upland areas of the release and below the storm drain outfall in the river. At the time of the release, samples were not collected from the stormwater system.

- A Former HMSA was located about 200 feet south of the sandblast building. Prior to 1993/1994, hazardous waste generated at Bonneville Dam was stored at the Former HMSA, which has been referred to as the former drum storage area. The Former HMSA pad was constructed of wood and metal and did not have a secondary containment system or berms.
- An aboveground storage tank (AST) was historically located in the vicinity of the Current HMSA, an estimated 50 feet southeast of the sandblast building near the southwest corner of the Current HMSA. Prior to the construction of the Current HMSA, the approximately 300-gallon AST temporarily stored waste paints until the late 1990s when the tank was removed. A solvent odor was noted in a historical soil sample collected adjacent to the Current HMSA and based on the analytical results, it has been inferred that there was a historical release from the AST.
- A laydown area used for past storage of industrial equipment and materials is located in the northern portion of the Sandblast Area AOPC, along the north and south sides of the Landfill access road. Past storage of industrial equipment may have contaminated the soil within the laydown area with oil, metallic debris, or other contaminants.

A former septic system serviced a bathroom located in the painting (western) portion of the former sandblast building. Floor drains in the former sandblast building may have also discharged into the septic system. The septic tank and the drain field are located near the north-central side of the former sandblast building. Investigation of the septic tank determined that it had not been backfilled with sandblast grit and was not a source of contamination at the Sandblast Area AOPC (HGL-USACE 2021).

3.2.2 Physical Setting

The Sandblast Area AOPC is located within the eastern portion of the Upland OU along the northern shoreline of Bradford Island (Figure 3-7~~6~~). Elevations within the AOPC range from approximately 86 to 114 feet NAVD88.

Topography in the Sandblast Area AOPC slopes down to the north with areas of varying steepness. Upslope of the former sandblast building is a relatively undisturbed and densely forested hill slope with some mature conifers. Below the upper hill slope is a relatively flat and paved area around the former sandblast building. Downslope (to the north-northeast) of the former sandblast building and the adjacent paved area is a short, steep, and densely vegetated hill slope leading to the equipment laydown area and access road leading east to the Bulb Slope AOPC and Landfill AOPC. Immediately to the northwest of the former sandblast building is a relatively flat, vegetated area, and beyond that is a lightly vegetated slope, then a paved road. The equipment laydown area is bisected by the Landfill access road and is relatively flat with northern portions gently sloping down to the shoreline of the Columbia River. The shoreline is armored with rip-rap north along the northern boundary of the Sandblast Area AOPC.

Soil at the Sandblast Area AOPC predominately consists of fill and alluvium composed of silty sands and gravels down to a depth of 15 to 30 feet bgs (URS-USACE 2012). Increasing amounts of sandstone and conglomerate bedrock clasts from the Eagle Creek Formation slide block below occur with depth. The ground surface in some areas of the Sandblast Area AOPC is covered by a layer of asphalt and/or spent sandblast grit.

An area of potentially erodible soils, resulting from recent construction activities, was identified during a site visit in 2009. Since 2009, this area has become revegetated, and the soils are no longer considered erodible.

Five monitoring wells, MW-11 through MW-15, were installed at the Sandblast Area AOPC in 2008 using HSA and sonic drilling methods. As shown in Table 2-2, these wells are screened at depths up to 36 feet bgs in the weathered slide block and upper part of the slide block. The locations of these wells are shown on Figure 3-7~~6~~ and the most recent groundwater level data are presented in Table 2-3.

Groundwater on Bradford Island is generally within the alluvium and is indicated to be largely perched above the fractured but less-permeable Eagle Creek Formation slide block. Groundwater is encountered between approximately 6 and 26 feet bgs beneath the Sandblast Area AOPC. Shallow groundwater flows to the north and northwest in the Sandblast Area AOPC under both wet season and dry season conditions. Horizontal hydraulic gradients range between 0.07 and 0.11 foot per foot and hydraulic conductivities range from 0.02 to 285 feet per day, indicating significant heterogeneity in this area. Groundwater elevations in monitoring wells adjacent to the river (MW-14 and MW-15) indicate good hydraulic connection between the groundwater and the river in this area. These wells have relatively high hydraulic conductivities, and groundwater elevations in them are similar to, and fluctuate with changes to the Forebay elevation. Groundwater within the vicinity of the other monitoring wells (MW-11, MW-12, and MW-13) does not appear to be influenced by Forebay elevations, and they have much lower hydraulic conductivities. Deeper diffuse or fracture-controlled groundwater flow to the River could be present in the slide block. The screen of only one well, MW-12, extends into the slide block (siltstone). Seeps are not observed in the Sandblast Area AOPC, and groundwater is instead assumed to discharge to the river as more diffuse base flow.

Within the Sandblast Area AOPC, a portion of the stormwater runoff from impervious surfaces (asphalt) drains to five catch basins that discharge to the Columbia River through two outfalls (Figure 3-7~~6~~). It appears, however, that the majority of the runoff from asphalt immediately southeast of the former sandblast building flows northeast and discharges onto a short, steep, forested hill slope, where it causes rills to develop on the hill slope. Eroded soil from the rills combined with sandblast grit from further upslope has been observed accumulated at the base of the slope and behind one of two concrete curbs that run along the base of the slope at the equipment laydown area (URS-USACE 2009b). Source control measures currently practiced include the emplacement of filter socks and straw wattles at the catch basins, as well as periodic cleanouts of the catch basins.

3.2.3 Source of Contamination and Affected Media

Contamination at the Sandblast Area AOPC resulted from a variety of historical and ongoing uses that include storage and disposal of various hazardous materials and wastes, as well as equipment storage and management. The type and magnitude of contamination is variable, consistent with the variable hazardous substance and waste management, storage, and disposal practices that occurred at the various subareas within the Sandblast Area AOPC. Some contaminants are widespread in soil and groundwater and are not associated with a discrete source within the Sandblast Area AOPC. Other contaminants appear to be specifically associated with defined contaminant source areas. The Sandblast Area AOPC consists of the following subareas that are associated with different sources of contamination (Figure 3-7~~6~~):

- Former Spent Sandblast Grit Disposal Area (SSGDA) – Sandblast grit was placed and buried immediately east of the former sandblast building, resulting in the direct release of metallic constituents to surface and subsurface soils in the surrounding area. Windblown transport of sandblast grit during historical operations at the former sandblast building also resulted in surface soil contamination throughout the Sandblast Area AOPC. The spent sandblast grit is thought to consist of spent green diamond abrasive grit, which is high efficiency blasting grit prepared by selective screening of nickel slag (URS-USACE 2022).
- Equipment Laydown Area (ELA) – A laydown area used for historical and current storage of industrial equipment and materials located along the north and south sides of the Landfill access road, which appears to have resulted in the contamination of soil with metals, pesticides, PCBs, and SVOCs (including PAHs).
- Former Transformer Maintenance and Disassembly Area – A paved former transformer maintenance area east of the former sandblast building where approximately 1 quart of PCB-containing oil was released in November 1995, spreading northward with stormwater

runoff and into the stormwater drainage system, which has two outfalls to the Columbia River (HGL-USACE 2021). A sheen of oil on the Columbia River was observed, and booms and absorbent pads were placed in the upland areas of the release and below the stormdrain outfall in the river.

- Former HMSA – The Former HMSA is located east of the equipment building, which has potentially resulted in limited soil contamination with metals, pesticides, and PAHs, both at the surface and subsurface.
- Former Waste Paint AST Release Area – The location of an inferred historical AST release of waste paint located near the southwest corner of the Current HMSA, which resulted in the contamination of soil and groundwater with VOCs. The historical release is inferred by very high concentrations of PCE and TCE that were reported in soil near this area.

These uses have resulted in contamination of soil, groundwater, and soil gas with chemicals associated with the equipment and wastes. The extent of the contaminated area is defined based on topography, location of former and existing site features and structures, knowledge of former and current site uses, visual observation of wastes (i.e., sandblast grit) and equipment on the ground surface, and the analysis of soil, groundwater, and soil gas samples. The Former SSGDA, the ELA, and an inferred VOC release at the Current HMSA appear to be the primary sources of contamination (USACE 2017b).

3.2.4 Nature and Extent of Contamination

Since 2001, several SIs have occurred throughout the Sandblast Area AOPC and its subareas, as well as along stormwater flow paths and adjacent to catch basins. These investigations focused on individual subareas within the Sandblast Area AOPC and/or the media associated with the individual subareas. Results of these SIs have confirmed past waste management, storage, and disposal practices have impacted soil, groundwater, and surface water onsite.

Metals, pesticides, PCBs, PAHs, SVOCs, and VOCs were detected in soil samples from throughout the Sandblast Area AOPC. The type and magnitude of contamination is variable, consistent with the variable hazardous substance and waste management, storage, and disposal practices that occurred at the various subareas within the Sandblast Area AOPC (USACE 2017b). Within these subareas, select metals, PAHs, and pesticides (and to a lesser extent TCE and PCE) were detected at concentrations exceeding their respective project SLVs based on potential human and/or ecological exposure. The maximum detected concentrations for these analytes are presented in Table 3-5. COCs and COECs (summarized in Section 3.2.7) exceeding SLVs and reference values in soil at the Sandblast Area AOPC are shown on Figures 3-8~~7~~ through 3-10~~9~~.

VOCs were also detected in soil gas at locations generally corresponding to a VOC source originating at the Current HMSA. This plume is in an area where there are currently no structures that could be occupied by site workers (USACE 2017b). Figure 3-11~~10~~ presents historical soil and soil gas data for VOCs as reported in the 2012 RI.

As reported in the 2012 RI, metals, butyltins, pesticides, PAHs, TPHs, SVOCs, and VOCs were detected at low concentrations in groundwater, indicating that these contaminants are leaching from source area soils to groundwater (Appendix D). PCBs were not detected in groundwater. Although PCE and TCE were detected in surface and shallow soil at ELA North, data from across the Sandblast Area AOPC suggest that VOCs in groundwater are primarily leaching and migrating downgradient from the soil source at the Former Waste Paint AST Release Area (URS-USACE 2012).

VOCs, including PCE, TCE, cis-1,2-dichloroethene (DCE), and 1,1-dichloroethane, were detected in 2022 groundwater samples across the ELA North and the SSGDA (Figure 3-6~~5~~). However, only aluminum, cobalt, and iron exceeded the groundwater project SLVs at one location (MW-11), as shown in Table 3-6.

Additional site-specific details of the nature and extent of contamination at the Sandblast Area AOPC are provided in the RI Report (URS-USACE 2012).

Table 3-5. Maximum Concentrations of Analytes Detected in Soil at Concentrations Exceeding Their Respective Project SLV at the Sandblast Area AOPC
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample Name	Method	CAS	Analyte	Maximum Result	Units	Flag	SLV* (0-3 feet)	SLV* (0-10 feet)
DU-1	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	57465-28-8	PCB-126	0.000048	mg/kg		0.00000087	0.000035
DU-4	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6010C	7440-28-0	Thallium	1.05	mg/kg		0.05	0.075
HA11	11/23/2004	3 - 3	SO	N	041123SGA31SS	8081A	1024-57-3	Heptachlor epoxide	0.000634	mg/kg	J	0.00015	0.055
HA3	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6020	7439-92-1	Lead	3260	mg/kg		11	192
HA3	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8081A	58-89-9	gamma-BHC (Lindane)	0.00968	mg/kg	J	0.0096	0.49
HA3	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	191-24-2	Benzo(g,h,i)perylene	3.83	mg/kg		1.1	173
HA3	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	53-70-3	Dibenzo(a,h)anthracene	1.43	mg/kg		0.1056	0.11
HA4	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	95-63-6	1,2,4-Trimethylbenzene	14.3	mg/kg		0.09	29
HA4	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	98-82-8	Isopropylbenzene	0.0473	mg/kg		0.04	182
HA4	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	79-01-6	Trichloroethene	6.08	mg/kg		0.39	0.39
HA4	11/22/2004	3 - 3	SO	N	041122SGA21SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	3960	mg/kg	J	120	1200
HA6	11/22/2004	0 - 0	SO	N	041122SGA24SG	6020	7440-47-3	Chromium	2650	mg/kg		0.29	0.29
LD-01	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8081A	309-00-2	Aldrin	0.0044	mg/kg	J	0.000085	0.031
LD-01	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8082	11096-82-5	Aroclor-1260	0.69	mg/kg		0.041	0.23
LD-02	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	205-99-2	Benzo(b)fluoranthene	4.1	mg/kg		1.1	1.1
LD-02	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	207-08-9	Benzo(k)fluoranthene	1.4	mg/kg		1.1	11
LD-02	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	NWTPH-Dx	MOIL	Residual Range Organics	2300	mg/kg		260	2800
LD-05	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6020	7440-43-9	Cadmium	17.3	mg/kg		0.36	0.68
LD-05	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	7471A	7439-97-6	Mercury	0.723	mg/kg		0.013	1.1
LD-05	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	50-29-3	4,4'-DDT	0.14	mg/kg		0.021	1.8
LD-05	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	72-20-8	Endrin	0.017	mg/kg		0.0014	1.8
LD-05	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	7421-93-4	Endrin aldehyde	0.016	mg/kg		0.0014	1.8
LD-05	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	53494-70-5	Endrin ketone	0.013	mg/kg		0.0014	1.8
LD-07	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8081A	76-44-8	Heptachlor	0.0029	mg/kg	J	0.0016	0.11
LD-10	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8081A	50-29-3	4,4'-DDT	0.14	mg/kg		0.021	1.8
LD-10	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8082	11097-69-1	Aroclor-1254	1.7	mg/kg		0.029	0.029
LD-10	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	2.14	mg/kg		0.0073	0.23
SA-12-SB	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6010C	7440-48-4	Cobalt	35.7	mg/kg		2.2	2.2
SA-12-SB	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6010C	7440-02-0	Nickel	7040	mg/kg		38	134
SA-22-SB	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6010C	7440-39-3	Barium	375	mg/kg		330	1440
SA-22-SB	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6010C	7440-62-2	Vanadium	99.6	mg/kg		7.8	37
SA-24-SB	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6010C	7429-90-5	Aluminum	48900	mg/kg		50	7392
SA-29-SB	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6010C	7439-96-5	Manganese	990	mg/kg		173	173
SA-2-SB	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	--	Calc Total PCB Congeners (KM, capped-MDL)	0.1363	mg/kg		0.0073	0.23
SA-2-SB	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	31508-00-6	PCB-118	0.003	mg/kg		0.0022	0.12

Table 3-5. Maximum Concentrations of Analytes Detected in Soil at Concentrations Exceeding Their Respective Project SLV at the Sandblast Area AOPC
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample Name	Method	CAS	Analyte	Maximum Result	Units	Flag	SLV* (0-3 feet)	SLV* (0-10 feet)
SA-2-SB	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	32598-13-3	PCB-77	0.000048	mg/kg		0.000017	0.036
SA-4-SB	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.299	mg/kg	J	0.011	605
SA-9-SB	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6010C	7439-89-6	Iron	48200	mg/kg		5280	5280
SA-9-SB	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6020B	7782-49-2	Selenium	5.1	mg/kg		0.52	37
SBB12	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6020	7440-36-0	Antimony	13.7	mg/kg		0.27	3
SBB15	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6010	7440-66-6	Zinc	1160	mg/kg		46	2208
SBB18	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6010	7440-50-8	Copper	319	mg/kg		28	298
SBB18	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6020	7440-38-2	Arsenic	80.9	mg/kg		0.43	0.43
SBB18	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	108-67-8	1,3,5-Trimethylbenzene	6.5	mg/kg		0.16	26
SBB18	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	179601-23-1	m,p-Xylene	7.4	mg/kg		1.4	53
SBB18	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	95-47-6	o-Xylene	3.2	mg/kg	J	1.4	61
SBB18	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	127-18-4	Tetrachloroethene	420	mg/kg		0.18	7.8
SBB18	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	108-88-3	Toluene	39	mg/kg		23	470
SBB18	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	56-55-3	Benzo(a)anthracene	12.3	mg/kg	J	1.1	1.1
SBB18	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	50-32-8	Benzo(a)pyrene	11.7	mg/kg	J	0.11	0.11
SBB18	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	218-01-9	Chrysene	12	mg/kg	J	1.1	106
SBB18	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	206-44-0	Fluoranthene	28.6	mg/kg	J	1.1	230
SBB18	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	4.17	mg/kg	J	1.1	1.1
SBB18	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	129-00-0	Pyrene	32	mg/kg	J	1.1	173
SBB18	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	CALC_Tot_PAH	--	Calc Total HPAHs (KM, Capped-MDL)	105.2	mg/kg		1.1	--
SBB18	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	NWTPH-DX	TPH-D	Diesel Range Organics	1440	mg/kg		260	1100
SB-EUA-06	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	74-83-9	Bromomethane	0.005	mg/kg	J	0.002	0.65
SB-EUB	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	260	mg/kg		0.02	37

* SLV sources are provided in Appendix A.

Qualifier Description
J = The reported value is an estimate.

Notes:
bgs = below ground surface
Calc Total HPAHs (KM, Capped-MDL) = total high molecular weight polycyclic aromatic hydrocarbons calculated using KM capped statistics with nondetects set to the method detection limit
mg/kg = milligram(s) per kilogram
N = normal
SLV = screening level value
SO = soil

Table 3-6. Maximum Concentrations of Analytes Detected in Groundwater Collected in 2022 at Concentrations Exceeding Their Respective Project SLV at the Sandblast Area AOPC

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample Name	Method	CAS	Analyte	Maximum Result	Units	Flag	SLV*
MW-11	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7429-90-5	Aluminum	20300	ug/L		20000
MW-11	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-48-4	Cobalt	25.2	ug/L		6
MW-11	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7439-89-6	Iron	43100	ug/L		14000

* SLV sources are provided in Appendix A.

Notes:
bgs = below ground surface
N = normal
SLV = screening level value
ug/L = microgram(s) per liter
WG = groundwater

Appendix A presents SLVs updated with the most recent published criteria and the hierarchy for selection of the final recommended SLVs for soil and groundwater. The most updated project SLVs selected for human and ecological exposure to soil are presented in Appendix A, Table A-1. The most updated project SLVs for human exposure to groundwater are presented in Appendix A, Table A-2.

3.2.5 Fate and Transport Characteristics

The anticipated primary mechanisms for offsite transport of contaminants from the Sandblast Area AOPC include (1) stormwater erosion of contaminants from areas of exposed soil and/or spent sandblast grit via overland flow or storm drains to river, (2) leaching of contaminants in surface soil or sandblast grit to groundwater, (3) offsite transport of contaminants that adhere to onsite vehicles or personnel, ~~and~~ (4) the generation and offsite migration of dust, and (5) potential for subsurface migration and dissolution of DNAPL (i.e. pure phase PCE).

Throughout much of the Sandblast Area AOPC, contaminants that adsorb strongly to soil and are not readily soluble or volatile have likely remained at their point of release. However, the transport of contaminants from surface soil to surface water is a potential transport mechanism at the Sandblast Area AOPC. Site observations confirm that stormwater erosion is a historical and ongoing process that has mobilized and transported contaminated surface soil and spent sandblast grit within portions of the AOPC. The transport of soil contaminants is commonly the result of runoff from impervious surfaces (e.g., pavement) and disturbance or exposure of contaminated soils or spent sandblast grit by excavation, backfilling, grading, or stockpiling. For example, the ELA has been periodically graded to expand the storage capacity of the area.

Stormwater from the northwest portion of the Sandblast Area AOPC drains into five catch basins before discharging from two stormwater outfalls to the Columbia River. The catch basin drainage areas include areas where stormwater erosion and transport have been documented. Metals, PCBs, TPH, butyltins, pesticides, SVOCs, PAHs, and VOCs were detected in soil within the drainage area of the five stormwater catch basins. However, the stormwater investigations found only limited detections of contaminants above screening levels (PAHs and copper) to be exiting the two outfalls (both prior to and after cleaning out the catch basins), at concentrations determined to be insignificant (see Table 2-1). No other evidence of direct discharge of soil in stormwater to the river has been observed at the Sandblast Area AOPC.

Precipitation that infiltrates at the Sandblast Area AOPC may percolate through contaminated soil and/or sandblast grit and transport contaminants to groundwater, which can subsequently be discharged into the Columbia River as groundwater base flow.

To the extent that soil and sandblast grit adhere to and are tracked by vehicles and equipment (e.g., tires), there is a potential for transport of contaminants along roadways and walkways within the AOPC and elsewhere at Bradford Island. However, this mechanism is likely minor because of the minimal vehicle traffic and control measures currently practiced by Bonneville Dam employees.

There is also the potential for the release of soil contaminants into the air as particulate dust and, once released, dust is rapidly dispersed through the atmosphere. However, this transport mechanism is also likely minor due to limited soil exposure (e.g., not vegetated or paved) and implementation of best management practices.

3.2.6 Exposure Pathways

3.2.6.1 Human Health Exposure Pathways and Receptors

Various potential current and future receptor groups and exposure pathways were identified in the 2016 HHRA for the Sandblast Area AOPC (URS-USACE 2016) and the 2017 *Bradford Island Upland*

Operable Unit Reevaluation of Baseline Risk Assessment Calculations Addendum (USACE 2017a). The potential receptor groups and exposure pathways are summarized below:

- Current/future outdoor maintenance workers (adults) – surface soil from 0 to 3 feet bgs (ingestion, dermal contact, and inhalation of dusts and vapors)
- Current/future construction/excavation workers (adults) – surface and subsurface soil from 0 to 10 feet bgs (ingestion, dermal contact, and inhalation of dusts and vapors) and shallow groundwater (ingestion, dermal contact, and inhalation)
- Current/future indoor workers (adults) – indoor air (inhalation) at the service center building, equipment building, and a future building constructed onsite
- Hypothetical future fishing platform users (adults and children) – surface soil from 0 to 3 feet bgs (ingestion, dermal contact, and inhalation of dusts and vapors) by adults and children
- Nursing infants – maternal milk (ingestion) from mothers who are hypothetical future fishing platform users or workers with soil exposures from 0 to 3 feet bgs

These potential receptors and exposure pathways are evaluated below.

3.2.6.2 Ecological Exposure Pathways and Receptors

Potentially complete exposure pathways for the Sandblast Area AOPC were identified in the screening level ERA completed in 2012 (URS-USACE 2012) and refined in the 2016 BERA (URS-USACE 2016). Receptors and exposure pathways retained for evaluation in the BERA for the Sandblast Area AOPC included the following. Groundwater was not retained for further evaluation in the BERA. Surface water was evaluated as part food-chain uptake pathways for birds and mammals:

- Terrestrial plants and soil invertebrates – Root uptake and direct contact with surface and shallow soil
- Birds (Canada goose, American robin, American kestrel) – Incidental ingestion of surface and shallow soil, ingestion of forage or prey, and ingestion of water
- Upland mammals (vagrant shrew) – Incidental ingestion of surface and shallow soil, ingestion of prey, and ingestion of water
- Piscivorous mammals (American mink) – Incidental ingestion of surface soil, upland prey, and water

3.2.7 Chemicals of Concern and Chemicals of Ecological Concern

Based on the risk screening processes described in the 2016 risk assessment (URS-USACE 2016) and the 2017 *Bradford Island Upland Operable Unit Reevaluation of Baseline Risk Assessment Calculations Addendum* (USACE 2017a), the COCs for human health were determined in soil and groundwater at the Sandblast Area AOPC (Table 3-7).

Similar to the Landfill AOPC, there is no potable water source, and contact by excavation/trench workers does not result in unacceptable risk; therefore, no groundwater COCs were identified in the Upland OU.

Table 3-7. Summary of COCs for Human Health in the Sandblast Area AOPC
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Media	Outdoor Maintenance Worker	Construction Worker	Excavation/ Trench Worker	Indoor Office Worker	Hypothetical Fishing Platform User
Soil	cPAHs	None	None	None	Arsenic, total PCBs, DEHP, and cPAHs
Groundwater	None	None	None	None	None

Notes:

cPAHs were evaluated as a group based on benzo(a)pyrene equivalents as follows:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(k)fluoranthene
- Chrysene
- Dibenzo(a,h)anthracene
- Indeno(1,2,3-cd)pyrene

PCBs are listed as total PCBs.

Based on findings of the 2016 BERA (URS-USACE 2016), the soil COECs were determined for the Sandblast Area AOPC (Table 3-8). As noted above, results of the screening level ERA (URS-USACE 2012) did not indicate potential risk to ecological receptors from exposure to groundwater. No COECs were identified for surface water ingestion in the BERA (URS-USACE 2016).

Table 3-8. Summary of COECs in the Sandblast Area AOPC
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Media	Terrestrial Plants	Soil Invertebrates	American Robin	Vagrant Shrew
Soil	Nickel and HPAHs	None	Chromium, lead, and nickel	Antimony, chromium, lead, nickel, and HPAHs

Notes:

HPAHs include the following:

- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(g,h,i)perylene
- Chrysene
- Dibenzo(a,h)anthracene
- Fluoranthene
- Indeno(1,2,3-cd)pyrene
- Pyrene

3.2.8 Data Gaps and Uncertainties

Based on the results of the 2012 RI and a review of more current data, the following data gaps and uncertainties have been identified for the Sandblast Area AOPC:

- Some parts of the Sandblast Area AOPC require additional delineation of the lateral and vertical extent of soil contamination to support the FS.
  - The vertical extent of contamination in the Erodible Soils Unit where no data were previously collected between 0.17 and 13 feet bgs is not defined.

  - The lateral and vertical extent of soil contamination near SB 12 (former Sandblast Building) where a soil gas PCE/TCE hotspot was measured is not defined.
  - The PCE hotspot at the Current HMSA where high VOC concentrations (420,000 µg/kg PCE, 3,200 µg/kg TCE) were previously measured in soil, but the lateral and vertical extents were not delineated sufficiently to evaluate potential remedies.
  - Elevated concentrations of primarily PAHs and metals were measured in some of the 12 surface soil samples collected near the Former HMSA during the RI, but further delineation is needed to support evaluation of remedies in the FS.
- Several questions regarding groundwater conditions at the Sandblast Area AOPC remain:
  - Could VOC contamination extend northwest of MW-12, where elevated cis-1,2-DCE concentrations were measured in 2022?
  - Could there be additional VOC impacts to groundwater in the central Sandblast Area AOPC that are not delineated by the current monitoring well network? With groundwater flow to the north and northwest, additional wells are proposed to north and northwest of this area to confirm there are no additional groundwater impacts from the SB 12 soil-gas hotspot (possible secondary VOC source) or the PCE soil hotspot at the Current HMSA.
  - Could there be VOC contamination upgradient of the Current HMSA?
  - What are current groundwater quality and flow conditions in the Sandblast Area AOPC?
  - Could there be DNAPL or deeper dissolved VOC contamination in the slide block?
  - What is the vertical hydraulic gradient between the colluvium/weathered slide block and the slide block?
  - Where is the groundwater divide?
  - Could there be groundwater contamination associated with the Former HMSA?

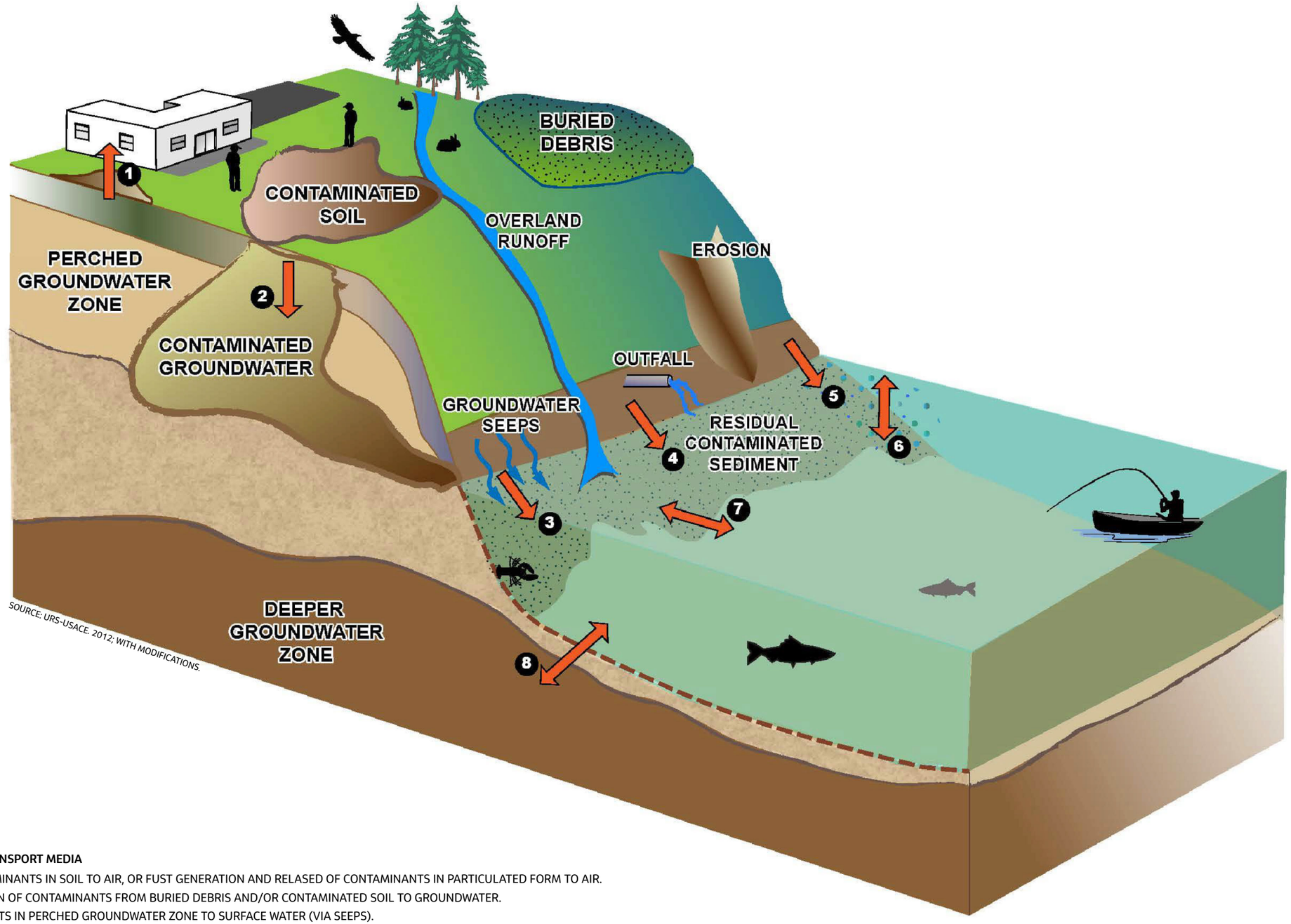
3.3 Road Complex

Based on review of historical aerial photographs, there exist several unpaved roads used throughout the eastern portion of Bradford Island. The exact use of these roads is unknown, but it does appear that some were used to transport waste to the former landfill. Some of these roads are currently still in use. During the Technical Coordination Team meeting, held on 22 February 2024, concerns were discussed that oils containing PCBs may have been used for dust suppression on former and current roads. Concerns have also been raised as to whether sandblast grit was used for backfilling ruts along these roads. Therefore, the focus of investigation for this SRI associated with the Road Complex will evaluate potential PCB and metals contamination along historical roads (Figure 3-12~~11~~).

3.4 West Bradford Island

Environmental Review Guide for Operations (ERGO) reports and corrective action plans (USACE 1993; Woodward Clyde Consultants 1995; Tetra Tech, Inc.–USACE 1997; USACE 2002; USACE 2004) were reviewed to identify potential areas where environmental impacts on the western side of Bradford Island (Figure ~~3-12~~2-2) may have occurred. The 2002 ERGO report (USACE 2002) indicated that "regulated solid wastes are being disposed of at the knoll area." "Wastes observed at the site include old plastic containers, bags of trash, and several roll-off bins of lead-based paint sandblasting material." The 2003 ERGO corrective action plan (USACE 2004) indicated that "concrete, asphalt and wood debris dumped at BI Knoll classifies area as non-permitted landfill." There are no known previous environmental sampling activities on West Bradford Island.

Historic aerial photos from Bonneville Project archives from 1930 to 1995 were also reviewed. Evidence of material deposition was first observed on a 1984 photo, with more complete placement of material evident in a 1995 photo corresponding to the area identified as “fish ladder disposal piles” noted on Figure 1-3 of the RI Report (URS-USACE 2012). Based on the ERGO reports and the aerial photos, the “Knoll Area” east of the transmission towers and laydown yard will be the focus of investigation for this SRI to evaluate the presence/absence of possible impacts.



SOURCE: URS-USACE. 2012; WITH MODIFICATIONS.

RELEASE MECHANISMS AND TRANSPORT MEDIA

1. VOLATILIZATION OF CONTAMINANTS IN SOIL TO AIR, OR FUST GENERATION AND RELASED OF CONTAMINANTS IN PARTICULATED FORM TO AIR.
2. LEACHING AND INFILTRATION OF CONTAMINANTS FROM BURIED DEBRIS AND/OR CONTAMINATED SOIL TO GROUNDWATER.
3. DISCHARG OF CONTAMINANTS IN PERCHED GROUNDWATER ZONE TO SURFACE WATER (VIA SEEPS).
4. OVERLAND RUNOFF OF CONTAMINANATES IN SOIL DIRECTLY TO SURFACE WATER OR VIA THE STORMWATER DRAINAGE SYSTEM OUTFALLS.
5. TRANSPORT OF CONTAMINANTS VIA SOIL EROSION TO SURFACE WATER.
6. SPR[TOPM/DISSOLUTION OF SURFACE WATER CONTAMINANTS TO/FROM SEDIMENTS.
7. CONTAMINATED SEDIMENT TRANSPORT WITHIN THE RIVER.
8. POTENTIAL SURFACE WATER COMMUNICATION TO THE DEEPER GROUNDWATER ZONE.

FIGURE 3-1
CONCEPTUAL SITE MODEL
UPLAND OPERABLE UNIT SUPPLEMENTAL REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON

\\dc1vs01\gisproj\U\USACE\Bradford_Island\Custom\AI\UplandOU_SRI_WP\FIG03-01_Upland_OU_CM.ai

LEGEND

- WATER TOWER
- ROAD
- UPLAND OPERABLE UNIT
- BULB SLOPE AOPC
- LANDFILL AOPC
- PISTOL RANGE AOPC
- SANDBLAST AREA AOPC

NOTES:

AOPC = AREA OF POTENTIAL CONCERN

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0 150 300 Feet

N

FIGURE 3-2
UPLAND OPERABLE UNIT AND AOPC FEATURES MAP

UPLAND OPERABLE UNIT SUPPLEMENTAL REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON

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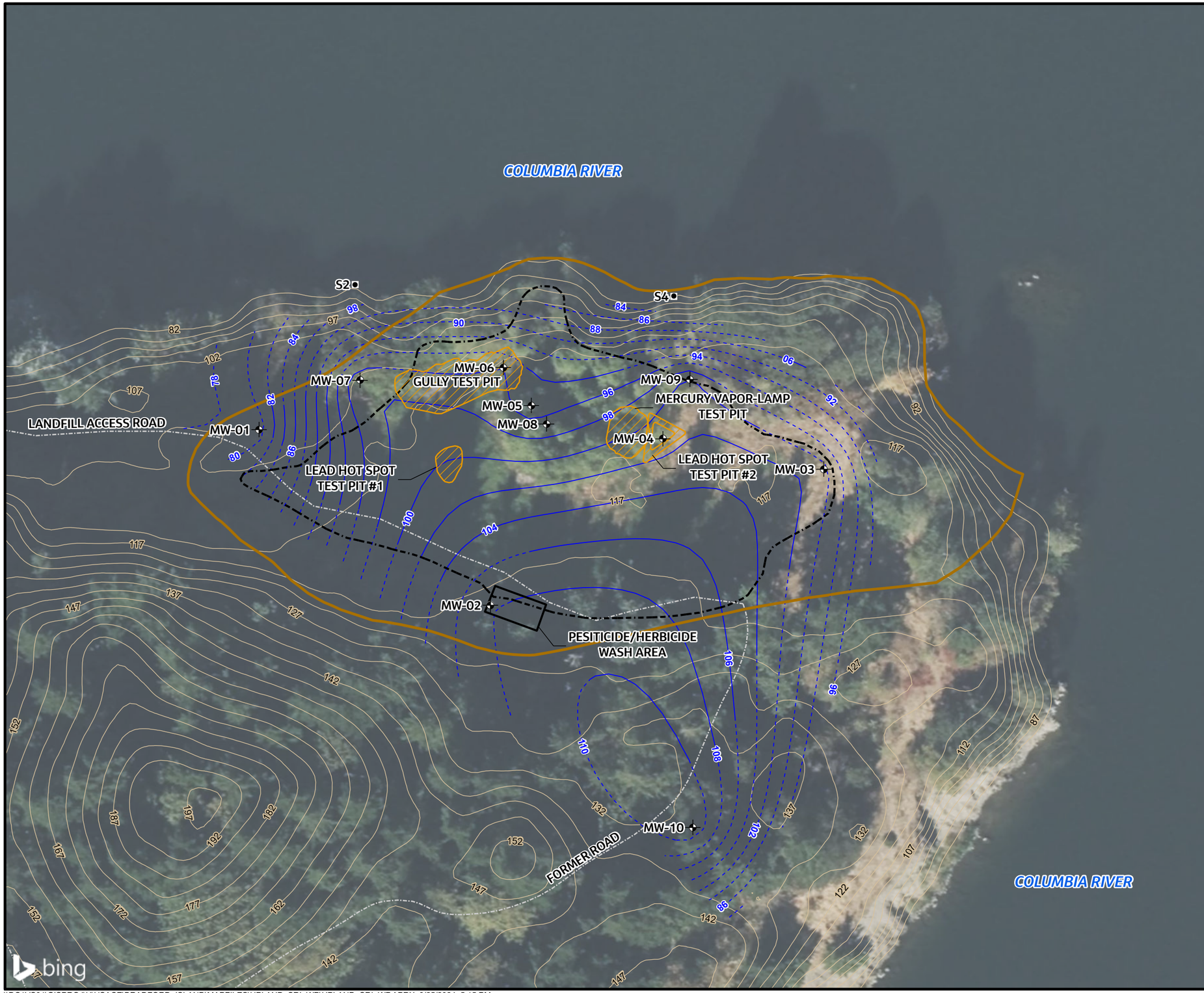

LEGEND

- MONITORING WELL LOCATION
- SEEP SURFACE WATER SAMPLING LOCATION
- APRIL 2022 2-FOOT GROUNDWATER ELEVATION CONTOUR (NAVD88) (DASHED WHERE INFERRED)
- 2-FOOT ELEVATION CONTOUR (NAVD88) (USGS 2019)
- ROAD
- UPLAND OPERABLE UNIT
- LANDFILL AOPC
- EXTENT OF LANDFILL DEBRIS (APPROXIMATE)
- PESTICIDE/HERBICIDE WASH AREA
- HISTORICAL TEST PIT AREA

NOTES:

AOPC = AREA OF POTENTIAL CONCERN

NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988

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0 50 100 Feet

N

FIGURE 3-3
LANDFILL AOPC FEATURES MAP

UPLAND OPERABLE UNIT SUPPLEMENTAL
REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON

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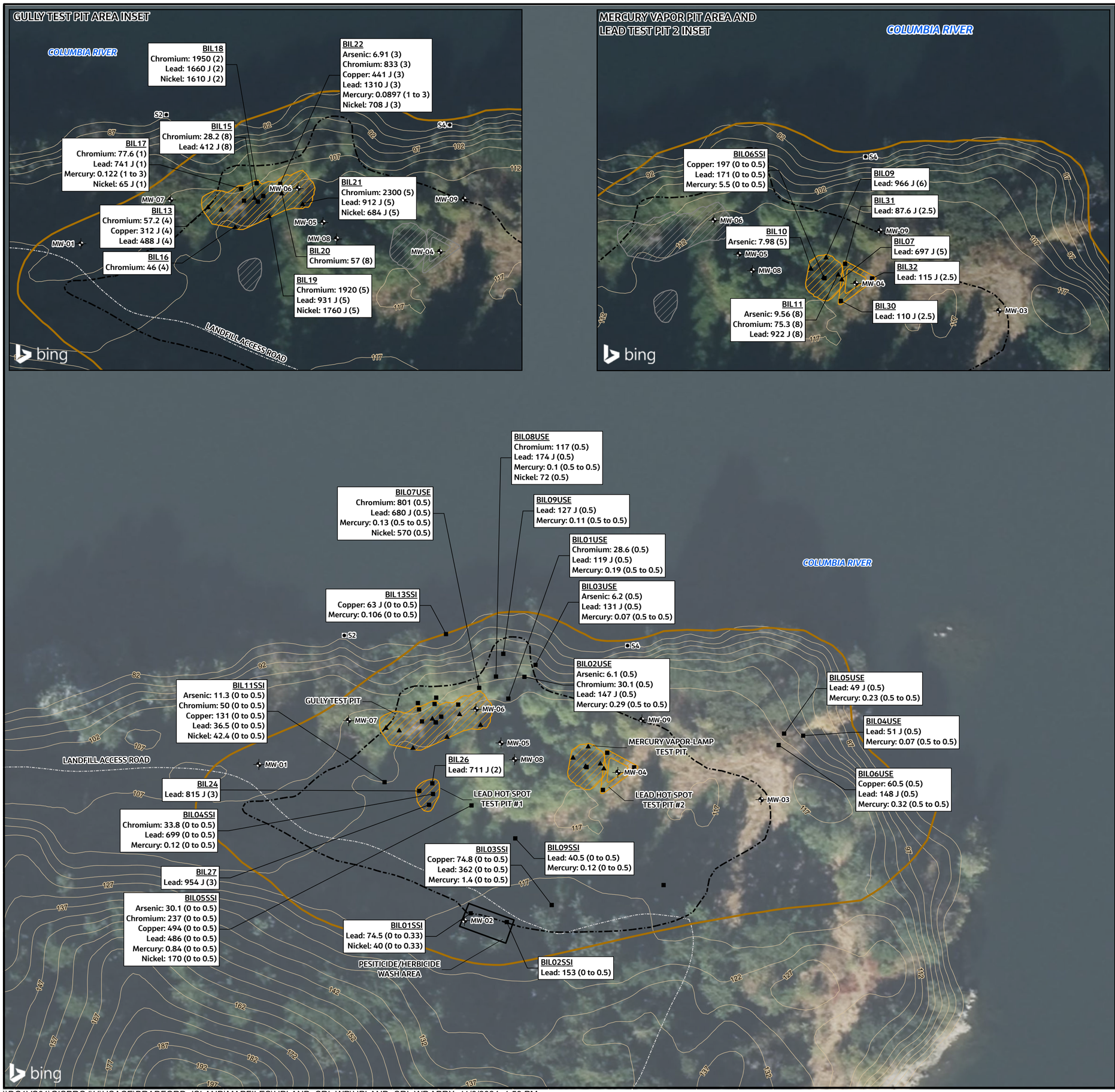

LEGEND

- ■ SURFACE AND SHALLOW SOIL MONITORING LOCATION
- ▲ DEEPER SOIL MONITORING LOCATION
- BIL 30 — LOCATION NAME
- LEAD 110 J (2.5) — SAMPLE DEPTH (feet BGS); DATA FLAG; RESULT (mg/kg); ANALYTE
- 2-FOOT ELEVATION CONTOUR (NAVD88) (USGS 2019)
- ROAD
- UPLAND OPERABLE UNIT
- LANDFILL AOPC
- EXTENT OF LANDFILL DEBRIS (APPROXIMATE)
- PESTICIDE/HERBICIDE WASH AREA
- HISTORICAL TEST PIT AREA

NOTES:

ONLY METAL CONTAMINANTS OF CONCERN AND CONTAMINANTS OF ECOLOGICAL CONCERN IN SOIL ABOVE THE SCREENING LEVEL AND REFERENCE VALUES ARE PRESENTED ON THIS FIGURE (SEE APPENDIX A).

ANALYTE	SITE-SPECIFIC REFERENCE UPL (mg/kg)	SCREENING LEVEL VALUE (mg/kg)	
		0 to 10 (feet BGS)	0 to 1 and 0 to 3 (feet BGS)
ARSENIC	5.4	0.43	0.43
CHROMIUM	28	0.29	0.29
COPPER	57	298	28
LEAD	26	192	11
MERCURY	0.066	1.1	0.013
NICKEL	27	134	38

AOPC = AREA OF POTENTIAL CONCERN

BGS = BELOW GROUND SURFACE

J = THE REPORTED VALUE IS AN ESTIMATE

mg/kg = MILLIGRAMS PER KILOGRAM

NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988

UPL = UPPER PREDICTION LIMIT

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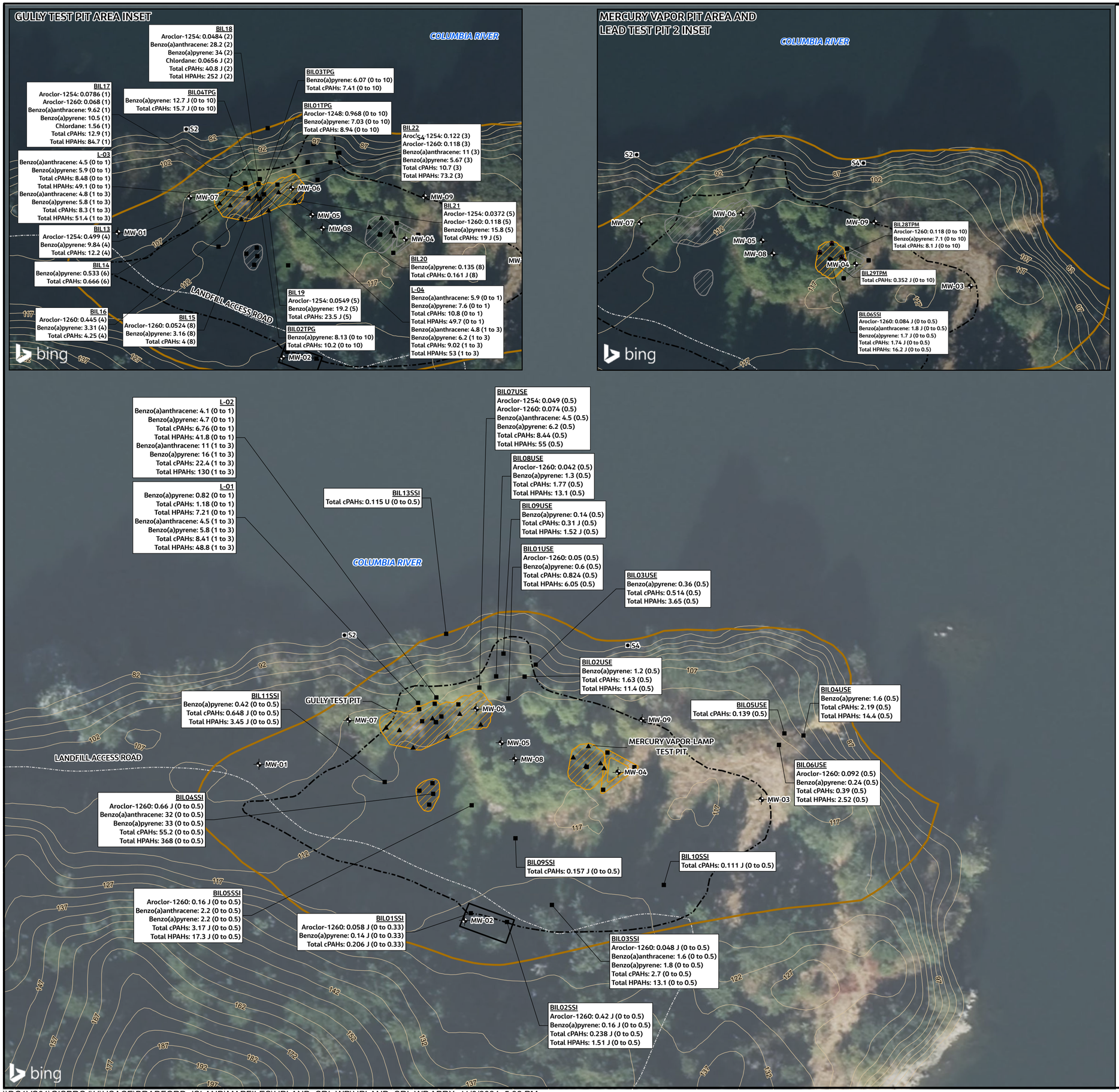
0 40 80 Feet

N

FIGURE 3-4
LANDFILL AOPC – METAL COCS/COECS IN SOIL ABOVE SCREENING LEVEL AND REFERENCE VALUES
UPLAND OPERABLE UNIT SUPPLEMENTAL
REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON



LEGEND

- ■ SURFACE AND SHALLOW SOIL MONITORING LOCATION
- ▲ DEEPER SOIL MONITORING LOCATION

BIL10SSI — LOCATION NAME
TOTAL cPAHs 0.111 J (0 to 2.5) — SAMPLE DEPTH (feet BGS); DATA FLAG; RESULT (mg/kg); ANALYTE

- ■ SURFACE AND SHALLOW SOIL MONITORING LOCATION
- ▲ DEEPER SOIL MONITORING LOCATION
- MONITORING WELL LOCATION
- SEEP SURFACE WATER SAMPLING LOCATION
- 2-FOOT ELEVATION CONTOUR (NAVD88) (USGS 2018)
- ROAD
- UPLAND OPERABLE UNIT
- LANDFILL AOPC
- EXTENT OF LANDFILL DEBRIS (APPROXIMATE)
- PESTICIDE/HERBICIDE WASH AREA
- HISTORICAL TEST PIT AREA

NOTES:

ONLY POLYCYCLIC AROMATIC HYDROCARBONS (PAH) AND POLYCHLORINATED BIPHENYLS (PCB) CONTAMINANTS OF CONCERN AND CONTAMINANTS OF ECOLOGICAL CONCERN ABOVE THE SCREENING LEVEL VALUE ARE PRESENTED ON THIS FIGURE (SEE APPENDIX A).

ANALYTE	SCREENING LEVEL VALUE (mg/kg)	
	0 to 10 (feet BGS)	0 to 1 and 0 to 3 (feet BGS)
AROCLOR-1248	0.22	0.041
AROCLOR-1254	0.029	0.029
AROCLOR-1260	0.23	0.041
BENZO(A)PYRENE	0.11	0.11
CHLORDANE	1.7	0.27
TOTAL cPAHS	0.11	0.11
TOTAL HPAHS		1.1

AOPC = AREA OF POTENTIAL CONCERN

BGS = BELOW GROUND SURFACE

cPAH = CARCINOGENIC POLYCYCLIC AROMATIC HYDROCARBON

HPAH = HIGH-MOLECULAR WEIGHT POLYCYCLIC AROMATIC HYDROCARBON

J = THE REPORTED VALUE IS AN ESTIMATE

mg/kg = MILLIGRAMS PER KILOGRAM

NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988

U = THE ANALYTE WAS NOT DETECTED AT OR ABOVE THE METHOD DETECTION LIMIT

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0 40 80 Feet

N

FIGURE 3-5
LANDFILL AOPC – PAHS AND PCBS COCS/COECS IN SOIL ABOVE SCREENING LEVEL VALUES
UPLAND OPERABLE UNIT SUPPLEMENTAL
REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON

LEGEND

- MONITORING WELL LOCATION
- MW-10 — LOCATION NAME
- TOTAL PCBs 0.036 (3/2022) — SAMPLE DATE; SAMPLE RESULT (µg/L); ANALYTE
- WATER TOWER
- ROAD
- UPLAND OPERABLE UNIT
- BULB SLOPE AOPC
- LANDFILL AOPC
- PISTOL RANGE AOPC
- SANDBLAST AREA AOPC

ANALYTE	SCREENING LEVEL VALUE (µg/L)
1,1- DICHLOROETHANE (DCA)	55
CIS-1,2- DICHLOROETHENE (DCE)	1800
TETRACHLOROETHENE (PCE)	130
TRICHLOROETHENE (TCE)	13
TOTAL POLYCHLORINATED BIPHENYLS (PCB) CONGENERS	
TOTAL PCBS	7.2

NOTES:

µg/L = MICROGRAMS PER LITER

AOPC = AREA OF POTENTIAL CONCERN

CVOC = CHLORINATED VOLATILE ORGANIC COMPOUND

J = THE REPORTED VALUE IS AN ESTIMATE

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N

0 150 300 Feet

FIGURE 3-6
UPLAND OPERABLE UNIT EXISTING MONITORING WELL NETWORK AND MOST RECENT CVOCS AND PCBS DETECTED IN GROUNDWATER SAMPLES

UPLAND OPERABLE UNIT SUPPLEMENTAL
REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON

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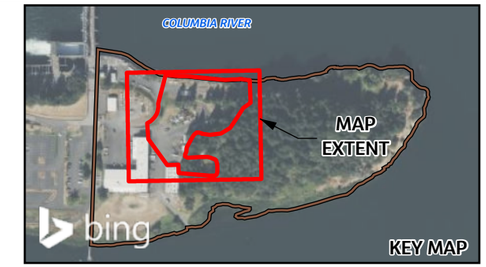

LEGEND

- MONITORING WELL LOCATION
- CATCH BASIN
- APRIL 2022 2-FOOT GROUNDWATER ELEVATION CONTOUR (NAVD88) (DASHED WHERE INFERRED)
- 5-FOOT ELEVATION CONTOUR (NAVD88) (USGS 2019)
- ROAD
- UPLAND OPERABLE UNIT
- SANDBLAST AREA AOPC
- SPENT SANDBLAST GRIT DISPOSAL AREA (APPROXIMATE)
- CURRENT HAZARDOUS MATERIALS STORAGE AREA
- ERODIBLE UNIT SAMPLING AREA
- FORMER HAZARDOUS MATERIALS STORAGE PAD
- FORMER SANDBLAST BUILDING
- FORMER TRANSFORMER DISASSEMBLY AREA (APPROXIMATE)
- SANDBLAST GRIT STORAGE AREA
- EXCAVATION AREA

NOTES:

AST = ABOVEGROUND STORAGE TANK

AOPC = AREA OF POTENTIAL CONCERN

NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988

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0 50 100 Feet

N

FIGURE 3-7
SANDBLAST AREA AOPC FEATURES MAP

UPLAND OPERABLE UNIT SUPPLEMENTAL REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON

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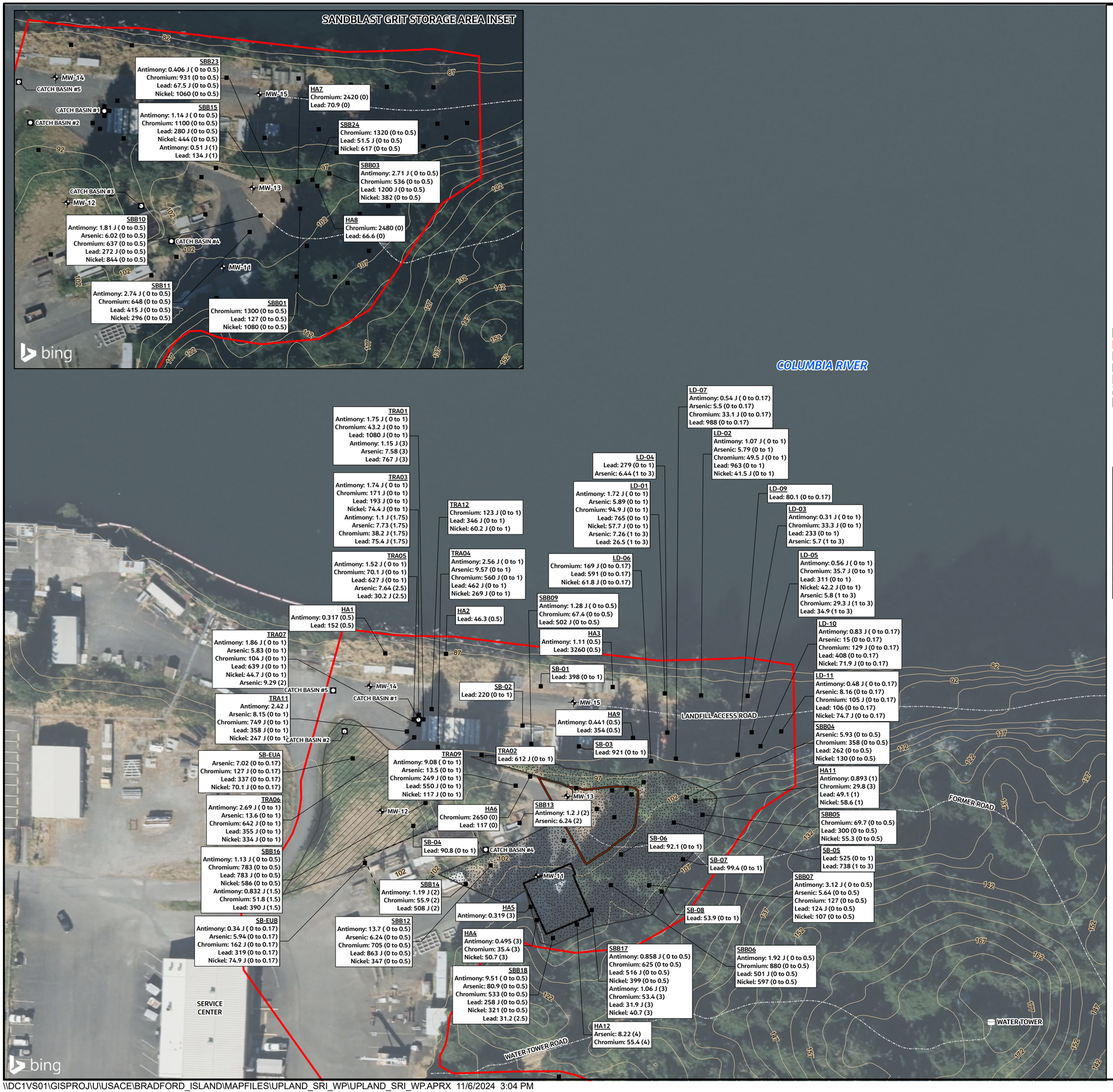

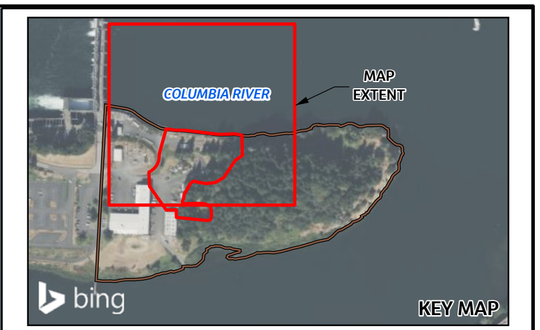

LEGEND

- SURFACE AND SHALLOW SOIL MONITORING LOCATION
  - SBB03 — LOCATION NAME
  - LEAD 1200 J (0 to 0.5) — SAMPLE DEPTH (feet BGS)
  - DATA FLAG
  - SAMPLE RESULT (mg/kg)
  - ANALYTE
- MONITORING WELL LOCATION
- SEEP SURFACE WATER SAMPLING LOCATION
- CATCH BASIN
- WATER TOWER
- 2-FOOT ELEVATION CONTOUR (NAVD88) (USGS 2019)
- ROAD
- UPLAND OPERABLE UNIT
- SANDBLAST AREA AOPC
- SPENT SANDBLAST GRIT DISPOSAL AREA (APPROXIMATE)
- CURRENT HAZARDOUS MATERIALS STORAGE AREA
- ERODIBLE UNIT SAMPLING AREA
- FORMER SANDBLAST BUILDING
- SANDBLAST GRIT STORAGE AREA

NOTES:

ONLY METAL CONTAMINANTS OF CONCERN AND CONTAMINANTS OF ECOLOGICAL CONCERN IN SOIL ABOVE THE SCREENING LEVEL AND REFERENCE VALUES ARE PRESENTED ON THIS FIGURE (SEE APPENDIX A).

ANALYTE	SITE-SPECIFIC REFERENCE UPL (mg/kg)	SCREENING LEVEL VALUE (mg/kg)	
		0 to 10 (feet BGS)	0 to 1 and 0 to 3 (feet BGS)
ANTIMONY	0.18	3.0	0.27
ARSENIC	5.4	0.43	0.43
CHROMIUM	28	0.29	0.29
LEAD	26	192	11
NICKEL	27	134	38

AOPC = AREA OF POTENTIAL CONCERN

BGS = BELOW GROUND SURFACE

J = THE REPORTED VALUE IS AN ESTIMATE

mg/kg = MILLIGRAMS PER KILOGRAM

NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988

UPL = UPPER PREDICTION LIMIT

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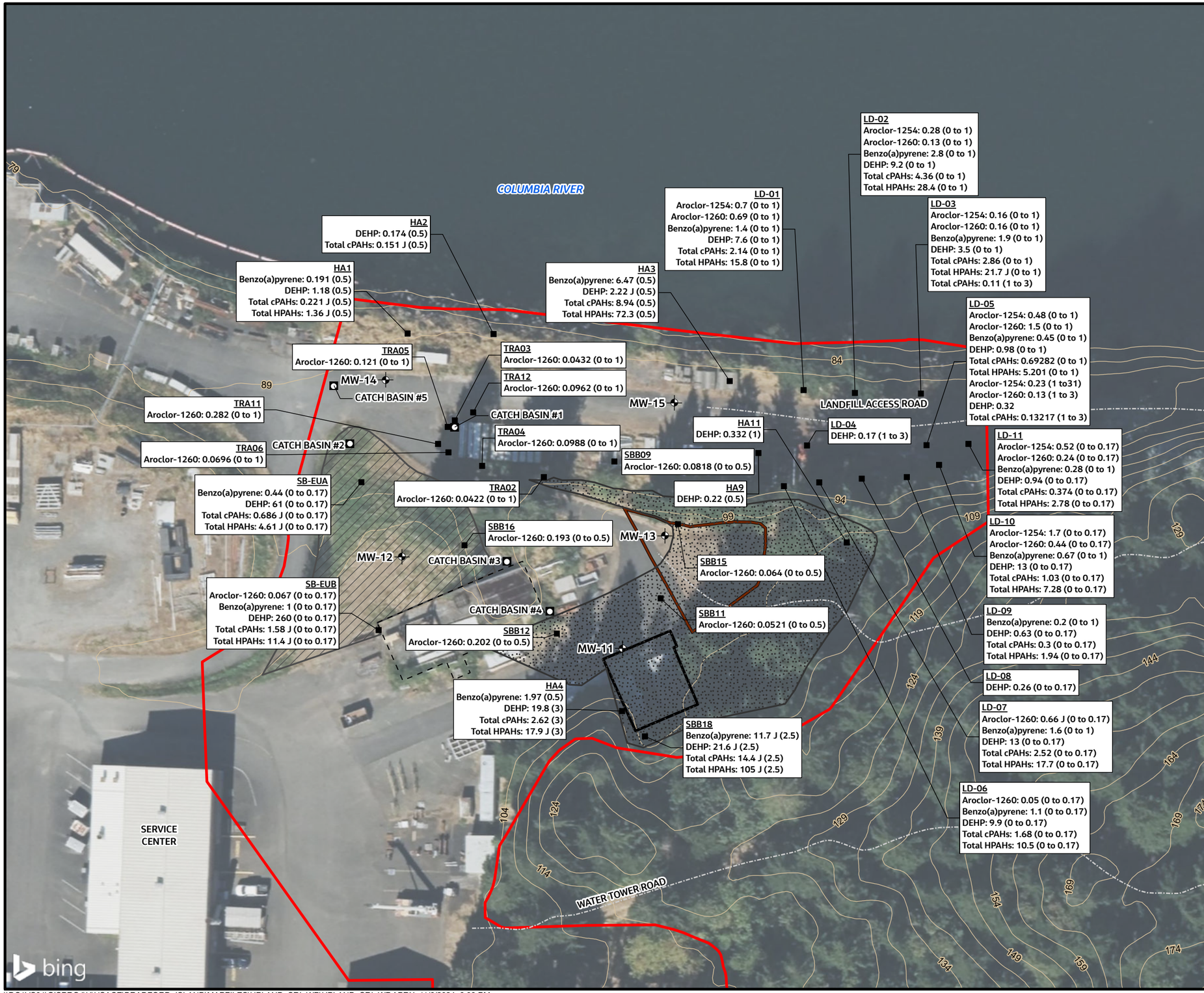
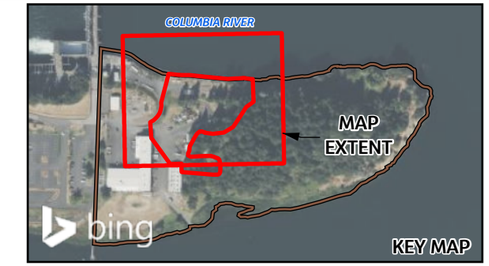
0 60 120 Feet

N

FIGURE 3-8
SANDBLAST AREA AOPC – METAL COCS/COECS IN SOIL ABOVE SCREENING LEVEL AND REFERENCE VALUES
UPLAND OPERABLE UNIT SUPPLEMENTAL
REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON





LEGEND

- LANDFILL SURFACE AND SHALLOW SOIL MONITORING LOCATION
  - LD-03 — LOCATION NAME
  - TOTAL HPAHs 21.7 J (0 to 2.5)
    - 21.7 J — RESULT (mg/kg)
    - J — DATA FLAG
    - 0 to 2.5 — SAMPLE DEPTH (feet BGS)
    - TOTAL HPAHs — ANALYTE
- MONITORING WELL LOCATION
- CATCH BASIN
- 5-FOOT ELEVATION CONTOUR (NAVD88) (USGS 2019)
- ROAD
- UPLAND OPERABLE UNIT
- SANDBLAST AREA AOPC
- SPENT SANDBLAST GRIT DISPOSAL AREA (APPROXIMATE)
- CURRENT HAZARDOUS MATERIALS STORAGE AREA
- ERODIBLE UNIT SAMPLING AREA
- FORMER SANDBLAST BUILDING
- SANDBLAST GRIT STORAGE AREA

NOTES:

ONLY CONTAMINANTS OF CONCERN AND CONTAMINANTS OF ECOLOGICAL CONCERN ABOVE THE SCREENING LEVEL VALUE ARE PRESENTED ON THIS FIGURE (SEE APPENDIX A).

ANALYTE	SCREENING LEVEL VALUE (mg/kg)	
	0 to 10 (feet BGS)	0 to 1 and 0 to 3 (feet BGS)
AROCLOR-1254	0.029	0.029
AROCLOR-1260	0.23	0.041
BIS (2-ETHYLHEXYL) PHTHALATE (DEHP)	37	38
BENZO(A)PYRENE	0.11	0.11
TOTAL cPAHS	0.11	0.11
TOTAL HPAHS		1.1

AOPC = AREA OF POTENTIAL CONCERN

BGS = BELOW GROUND SURFACE

cPAH = CARCINOGENIC POLYCYCLIC AROMATIC HYDROCARBON

HPAH = HIGH-MOLECULAR WEIGHT POLYCYCLIC AROMATIC HYDROCARBON

J = THE REPORTED VALUE IS AN ESTIMATE

mg/kg = MILLIGRAMS PER KILOGRAM

NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988

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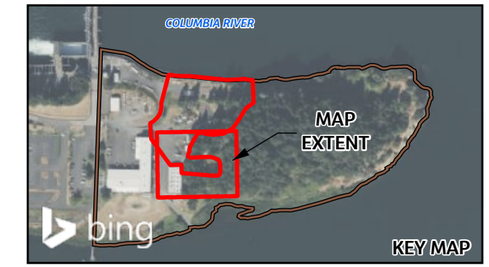
0 60 120 Feet

N

FIGURE 3-9
SANDBLAST AREA AOPC – COCS/COECS IN SOIL ABOVE SCREENING LEVEL VALUES

UPLAND OPERABLE UNIT SUPPLEMENTAL
REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON



LEGEND

- LANDFILL SURFACE AND SHALLOW SOIL MONITORING LOCATION
  - DSA-03 — LOCATION NAME
  - LEAD 43.8 J (0) — SAMPLE DEPTH (feet BGS)
  - DATA FLAG
  - RESULT (mg/kg)
  - ANALYTE
- 5-FOOT ELEVATION CONTOUR (NAVD88) (USGS 2019)
- ROAD
- UPLAND OPERABLE UNIT
- SANDBLAST AREA AOPC
- SPENT SANDBLAST GRIT DISPOSAL AREA (APPROXIMATE)
- FORMER HAZARDOUS MATERIALS STORAGE PAD

NOTES:

ONLY CONTAMINANTS OF CONCERN AND CONTAMINANTS OF ECOLOGICAL CONCERN IN SOIL ABOVE THE SCREENING LEVEL AND REFERENCE VALUES ARE PRESENTED ON THIS FIGURE (SEE APPENDIX A).

ANALYTE	SITE-SPECIFIC REFERENCE UPL (mg/kg)	SCREENING LEVEL VALUE (mg/kg)	
		0 to 10 (feet BGS)	0 to 1 and 0 to 3 (feet BGS)
ANTIMONY	0.18	3.0	0.27
ARSENIC	5.4	0.43	0.43
CHROMIUM	28	0.29	0.29
LEAD	26	192	11
NICKEL	27	134	38
BIS (2-ETHYLHEXYL) PHTHALATE (DEHP)		37	0.02
BENZO(A)PYRENE		0.11	0.11
TOTAL cPAHS		0.11	0.11
TOTAL HPAHS			1.1

AOPC = AREA OF POTENTIAL CONCERN

BGS = BELOW GROUND SURFACE

cPAH = CARCINOGENIC POLYCYCLIC AROMATIC HYDROCARBON

HPAH = HIGH-MOLECULAR WEIGHT POLYCYCLIC AROMATIC HYDROCARBON

J = THE REPORTED VALUE IS AN ESTIMATE

mg/kg = MILLIGRAMS PER KILOGRAM

NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988

UPL = UPPER PREDICTION LIMIT

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0 30 60 Feet

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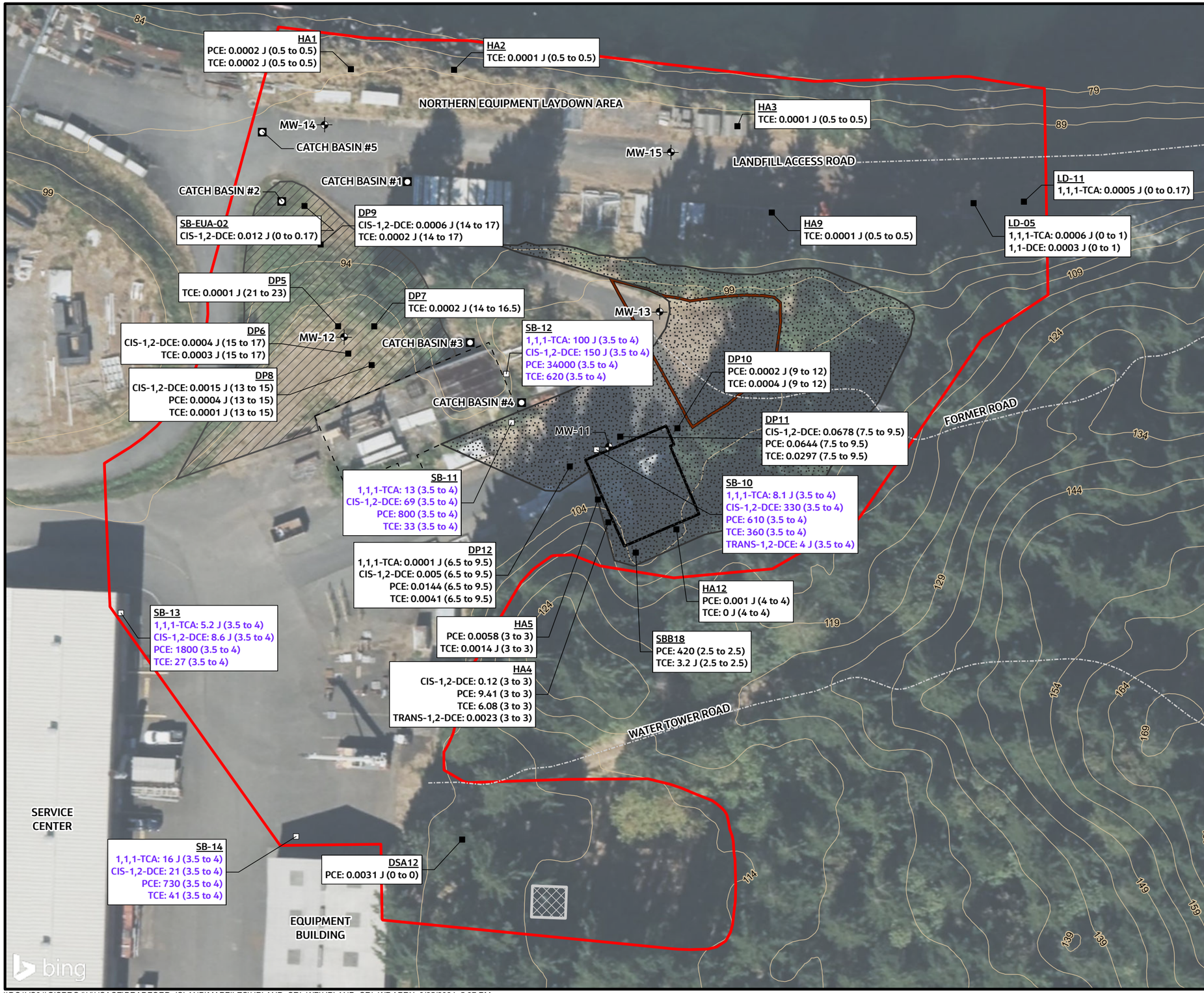
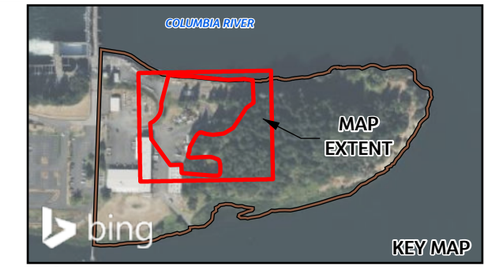
FIGURE 3-10
SANDBLAST AREA AOPC – COCS/COECS IN SOIL AT THE FORMER HMSA ABOVE SCREENING LEVEL AND REFERENCE VALUES

UPLAND OPERABLE UNIT SUPPLEMENTAL
REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON





LEGEND

- SURFACE AND SHALLOW SOIL SAMPLING LOCATION
- SOIL GAS SAMPLING LOCATION
  - LD-05 — LOCATION NAME
  - 1,1-DCE 0.0003 J (0 to 1) — SAMPLE DEPTH (feet BGS)
  - DATA FLAG
  - RESULT (mg/kg)
  - ANALYTE
- MONITORING WELL LOCATION
- CATCH BASIN
- 5-FOOT ELEVATION CONTOUR (NAVD88) (USGS 2019)
- ROAD
- UPLAND OPERABLE UNIT
- SANDBLAST AREA AOPC
- SPENT SANDBLAST GRIT DISPOSAL AREA (APPROXIMATE)
- CURRENT HAZARDOUS MATERIALS STORAGE AREA
- ERODIBLE UNIT SAMPLING AREA
- FORMER HAZARDOUS MATERIALS STORAGE PAD
- FORMER SANDBLAST BUILDING
- SANDBLAST GRIT STORAGE AREA
- EXCAVATION AREA

NOTES:

SOIL GAS SAMPLE RESULTS REPORTED IN MICROGRAMS PER CUBIC METER ($\mu g/m^3$).

ANALYTE	SCREENING LEVEL VALUE (mg/kg)	
	COC 0 to 10 (feet BGS)	COEC 0 to 3 (feet BGS)
1,1- DICHLOROETHENE (DCE)	23	0.18
1,1,1-TRICHLOROETHANE (TCA)	0.90	0.90
CIS-1,2- DICHLOROETHENE (DCE)	221	11
TETRACHLOROETHENE (PCE)	60	24
TRICHLOROETHENE (TCE)	67	24
TRANS-1,2-DCE	7776	260

AOPC = AREA OF POTENTIAL CONCERN

COC = CONTAMINANTS OF CONCERN

COEC = CONTAMINANTS OF ECOLOGICAL CONCERN

J = THE REPORTED VALUE IS AN ESTIMATE

mg/kg = MILLIGRAMS PER KILOGRAM

VOC = VOLATILE ORGANIC COMPOUND

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0 50 100 Feet

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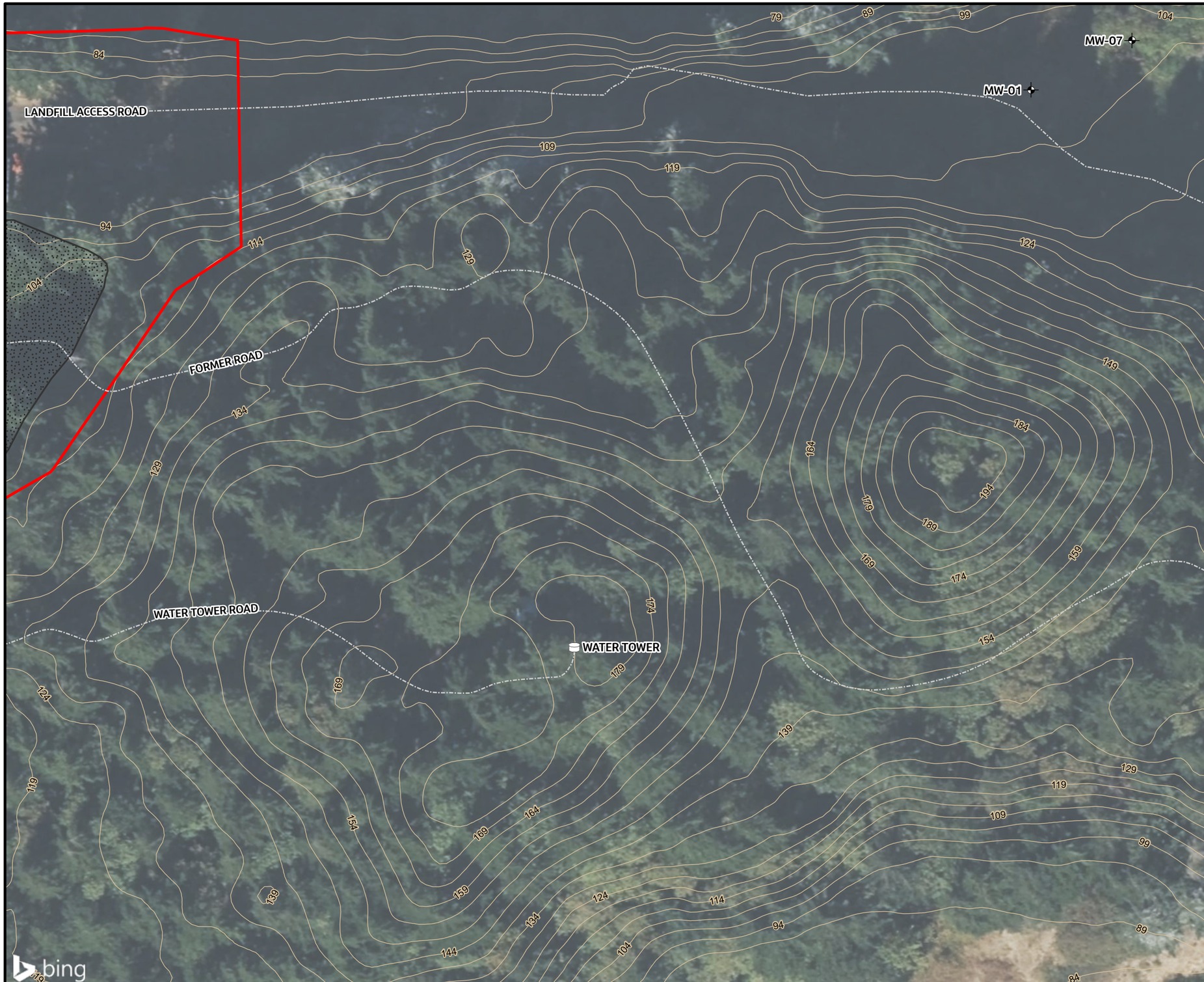
FIGURE 3-11
VOCS IN HISTORICAL SOIL AND SOIL GAS SAMPLES

UPLAND OPERABLE UNIT SUPPLEMENTAL REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON



LEGEND

- MONITORING WELL LOCATION
- WATER TOWER
- 5-FOOT ELEVATION CONTOUR (NAVD88) (USGS 2019)
- ROAD
- UPLAND OPERABLE UNIT
- SANDBLAST AREA AOPC
- SPENT SANDBLAST GRIT DISPOSAL AREA (APPROXIMATE)
- EXCAVATION AREA

NOTES:

AOPC = AREA OF POTENTIAL CONCERN

NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988

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0 50 100 Feet

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FIGURE 3-12
UPLAND OPERABLE UNIT ROAD COMPLEX AND WATER TOWER ROAD

UPLAND OPERABLE UNIT SUPPLEMENTAL
REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON

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SECTION 4

Investigation Approach

4.1 Project Scope

The purpose of the Upland OU SRI is to close out data gaps identified from past investigations associated with the Upland OU. Based on results of the 2012 RI and recent groundwater sampling activities (see Table 2-1), a soil and groundwater evaluation is required to further evaluate the extent of contamination at the Landfill and Sandblast Area AOPCs. In addition, an investigation of the Road Complex and West Bradford Island will be conducted to evaluate the presence/absence of possible impacts to these areas.

4.2 Data Quality Objectives

The Upland OU SRI data quality objectives (DQOs) by area, include the following:

- Landfill AOPC
  - DQO 001 – Evaluate the source of PCBs detected in groundwater at well MW-10.
  - DQO 002 – Evaluate current groundwater quality and flow conditions.
- Sandblast Area AOPC
  - DQO 003 – Further delineate the vertical extent of soil contamination (Erodible Soils Unit, Sandblast Building near SB-12), ~~and~~ the lateral and vertical extent of soil contamination (PCE hotspot near the Current HMSA), and the leachability of chemicals to groundwater.
  - DQO 004 – Further evaluate groundwater flow conditions and current lateral extent of groundwater contamination.
    - Evaluate groundwater flow and quality including preferential pathways northwest of the Erodible Soils Unit; from the former Sandblast Building and Current HMSA; and near the Former HMSA.
    - ~~Evaluate groundwater flow from Sandblast Building and Current HMSA.~~
    - Evaluate groundwater conditions upgradient of the Current HMSA.
    - Evaluate changes in seasonal groundwater flow in the Sandblast Area AOPC.
    - Evaluate vertical hydraulic gradient and potential for presence of DNAPL immediately downgradient of the Current HMSA.
  - DQO 005 – Evaluate current groundwater quality and flow conditions including checking for presence of LNAPL and DNAPL in groundwater system.
  - DQO 006 – Further delineate lateral and vertical extent of primarily PAH and metals contamination in soil.
- Road Complex
  - DQO 007 – Assess whether past disposal practices including potential road oiling and placement of sandblast grit contaminated surface soil on roads.
- West Bradford Island
  - DQO 008 – Assess whether past disposal practices contaminated surface and subsurface soils.

The UFP-QAPP is presented in Section 5. Worksheet #11, Table 11-1 presents a detailed summary of the DQOs using the EPA seven-step DQO process.

4.3 Field Activities

This section provides the summary of fieldwork to be completed at four areas on Bradford Island, including the Landfill AOPC (Figures 4-1 and 4-2), Sandblast Area AOPC (Figures 4-3 through 4-5), Road Complex (Figure 4-6), and West Bradford Island (Figure ~~3-1~~4-7). Field activities vary between each area and are designed to achieve the respective DQOs as identified in Section 4.2 and Section 5 (UFP-QAPP), Worksheet #11. Activities include soil, seep, and groundwater sampling, monitoring well installation and development, and deployment of transducers, as ~~shown~~ described in Section 5 (UFP-QAPP), Worksheet #18, Table 18-1. All soil sample intervals will be selected based on photoionization detector (PID) readings and field observations, generally targeting intervals of observed contamination and one interval below the observed contamination. Borehole depths may be adjusted in the field based on these observations. Proposed soil, groundwater, and seep locations for each area are provided on Figures 4-1 through 4-7.

All new groundwater monitoring wells, seeps, surface soil sampling locations, and soil borings will be surveyed following completion by an Oregon licensed surveyor. Previously installed groundwater monitoring wells will also be resurveyed for accuracy and consistency across the monitoring well network.

Prior to conducting work, any permits required for offsite work will be obtained, and utility clearances will be performed. Soil, groundwater, and seep samples will be collected in accordance with UFP-QAPP Worksheets #19 and #20 and submitted for laboratory analysis as described in UFP-QAPP Worksheet #18. Further details regarding the project tasks and schedule are provided in UFP-QAPP Worksheets #14 and #16, and sampling design and rationale in Section 4.3.1 and Worksheets #17 and #18. All work will be conducted in accordance with the applicable SOPs (Appendix B).

4.3.1 Landfill AOPC

Activities to be performed at the Landfill AOPC include subsurface soil sampling, monitoring well installation and development, groundwater sampling, deployment of transducers, seep sampling, and surveying as shown in Section 5 (UFP-QAPP), Worksheet #18, Table 18-1 and on Figures 4-1 and 4-2.

Continuous cores will be advanced and logged to approximately 5 feet bgs at three locations using direct push technology (DPT) to address DQO 001. A near-surface soil sample (0 to 1 feet bgs) and ~~Two~~ subsurface soil sample (3 to 5 feet bgs)~~s~~ will be collected from each core and submitted for analysis of PCB congeners. These borings have been preliminarily located between about 20 and 30 feet from MW-10 to evaluate whether PCBs measured in MW-10 groundwater could be from a past release to surface or near-surface soils in the vicinity. Prior to finalizing these boring locations, a metal detector sweep of the area within 50 feet of MW-10 will be conducted to look for evidence of metal containers such as drums or transformers that could have contained PCBs. If any evidence is found, the boring locations may be adjusted to target suspected areas where a release could have occurred. To the extent practical, surface soil sample locations will be selected from natural topographic lows.

Two new monitoring wells (MW-16 and MW-17) will be installed using a sonic drilling method to approximately ~~30~~40 feet and ~~70~~90 feet bgs, respectively, to address DQOs 001 and 002. These wells will be screened in the slide block so that water levels can be directly compared to levels in MW-10 to evaluate groundwater flow directions in the slide block. MW-16 has been located at the southern edge of the landfill directly between the landfill and MW-10 to evaluate whether the landfill could be a source of PCBs in groundwater flowing to MW-10 under certain hydraulic conditions. MW-17 has been positioned approximately 140 feet southwest of MW-10 in a saddle area along a former road to evaluate groundwater flow conditions (including presence of groundwater divide) and assess the

potential for PCBs in groundwater originating from a release in this part of the island. ~~MW-17 may be used as a potential reference well.~~ Wells will be constructed and developed in accordance with Worksheet #17 and the applicable SOPs (Appendix B).

Following development, groundwater samples will be collected during two separate events~~,~~ approximately 6 months apart, to address DQOs 001 and 002. Round 1 will include collection of groundwater samples in four monitoring wells (MW-02, MW-10, MW-16, and MW-17). Round 1 groundwater samples will be submitted for chemical analysis of PCB congeners. Round 2 will include collection of groundwater samples from 12 monitoring wells (MW-1, MW-02, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, MW-9, MW-10, MW 16, and MW-17) Round 2 groundwater samples will be submitted for chemical analysis of VOCs, PCB congeners, PAHs, SVOCs, organochlorine pesticides (OCPs), chlorinated herbicides, and target analyte list (TAL) metals. Groundwater samples from seven wells (MW-1, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8) that had TPH and/or butyltin detections in 2022 will also be analyzed for those analyte groups.

Following development and Round 1 sampling, ~~and deployment of~~ transducers will be deployed in ~~four~~ eight monitoring wells (MW-1, MW-02, MW-3, MW-5, MW-8, MW-10, MW-16, and MW-17). Transducers will remain in each well for 12 months, at which time they will be removed and data will be incorporated into the CSM, to address DQO 002. ~~Round 2 will include collection of groundwater samples from 12 monitoring wells. All groundwater samples will be submitted for chemical analysis of VOCs, PCB congeners, PAHs, SVOCs, organochlorine pesticides (OCPs), chlorinated herbicides, and target analyte list (TAL) metals.~~

The transducer locations at the landfill were selected to spread coverage over the east end of the island with four wells (MW-1, MW-2, MW-3, and MW-5) screened in the colluvium/weathered slide block (shallow) and four wells (MW-8, MW-10, MW-16, and MW-17) screened in the slide block (deep). The four shallow wells are spread out across the landfill area. The four deep wells include new well MW-17 to the south, MW-10 ("reference" well with PCBs detected), new well MW-16 near southern boundary of landfill, and MW-8 in central part of landfill. This set of eight wells includes a well pair (MW-5/MW-8) to monitor vertical hydraulic gradient.

Seep samples will also be collected during two separate events, approximately 6 months apart, to address DQO 002. A shoreline survey, including the north, south and east portions of Bradford Island will be conducted. Rounds 1 and 2 will include collection of samples from up to 10 seep locations, if identified during the shoreline survey~~flowing~~. Access to seeps will be limited and require a boat to determine if they are flowing and samples can be collected. To the extent practical, seep sampling will be timed to coincide with low Bonneville pool elevation and high groundwater levels (rainy season). All seep samples will be submitted for chemical analysis of VOCs, PCB congeners, PAHs, SVOCs, OCPs, chlorinated herbicides, TPH, butyltins, and TAL metals.

4.3.2 Sandblast Area AOPC

Activities to be performed at the Sandblast Area AOPC include surface and subsurface soil sampling, monitoring well installation and development, groundwater sampling, deployment of transducers, and surveying as shown in Section 5 (UFP-QAPP), Worksheet #18, Table 18-1, and on Figures 4-3, 4-4, and 4-5.

To address DQO 003, continuous cores will be advanced and logged at the following locations using DPT within the Sandblast Area AOPC to various depths, as follows:

- Three boreholes will be advanced to approximately 15 feet bgs within the Erodible Soils Unit to~~.~~ better delineate the vertical extent of contamination. Currently there are no data between 0.17 and 13 feet bgs. Up to five distinct subsurface soil samples will be collected from each core at various intervals (e.g., 1 to 2 feet bgs, 5 to 6 feet bgs, 8 to 9 feet bgs, 11 to 12 feet bgs, 14 to 15 feet bgs). A boring depth of 15 feet was selected to match the approximate depth to the water table in this

area. The boring locations are spread out across the Erodible Soils Unit to also get better information on horizontal extent. The samples ~~and~~ will be submitted for chemical analysis of VOCs, PCB congeners, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals. Based on field observations and PID readings, six samples from these borings will be selected for TPH and butyltins analyses.

- Two boreholes will be advanced behind the Current HMSA, up to approximately 10 feet bgs to further delineate the lateral and vertical extent of PCE hotspot. These boreholes will be adjacent to historical sample location SBB18 where a soil PCE/TCE hotspot (420 mg/kg and 3.2 mg/kg, respectively) was detected at 2.5 feet bgs. Prior to selecting final locations, ~~a~~ limited soil gas ~~survey~~ screening will be conducted with shallow soil gas probes (up to 2 feet bgs) and a PID. Given the limited space behind the Current HMSA and previous sample locations, two soil borings should be sufficient to meet DQOs. If the DPT rig cannot access the locations, a hand auger will be used to advance the soil borings to 5 feet bgs. ~~The total number of~~Up to four distinct subsurface soil samples ~~and~~ will be collected at different selected intervals (e.g., 1 to 2 feet bgs, 4 to 5 feet bgs, 7 to 8 feet bgs, 9 to 10 feet bgs) ~~will be~~ dependent on the method used to advance the borings, PID readings, and field observations. A maximum boring depth of 10 feet was selected to match the approximate depth to the water table in this area. Samples will be submitted for chemical analysis of VOCs.
- One borehole will be advanced near the former sandblast building to approximately 15 feet bgs to further delineate the vertical extent of PCE/TCE~~. This location will be~~ adjacent to historical sample location SB-12 (see Figure 3-10) where a soil gas PCE/TCE hotspot (34,000 micrograms per cubic meter [µg/m^3] and 620 µg/m^3, respectively) was detected between 3.5 and 4 feet bgs. ~~The total number of~~Up to five distinct subsurface soil samples will be collected ~~and~~ at different selected intervals (e.g., 1 to 2 feet bgs, 5 to 6 feet bgs, 8 to 9 feet bgs, 11 to 12 feet bgs, 14 to 15 feet bgs)~~will be~~ dependent on ~~the method used to advance the borings,~~ PID readings~~,~~ and field observations. A boring depth of 15 feet was selected to match the approximate depth to the water table in this area. Samples will be submitted for analysis of VOCs, PCB congeners, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals. Based on field observations and PID readings, four samples from this boring will be selected for TPH and butyltins analyses.

To address DQO 006, continuous cores will be advanced and logged at the following locations using DPT within the Sandblast Area AOPC near the Former HMSA to various depths, as follows:

- Ten boreholes will be advanced to 3 feet bgs within an approximately 50-foot grid in the southern portion of the Sandblast Area AOPC near the Former HMSA. One surface (0 to 1 foot bgs) and two subsurface samples (1 to 2 feet bgs, 2 to 3 feet bgs) will be collected from each core. A boring depth of 3 feet was selected since existing data suggest shallow soil contamination with primarily metals and PAH contamination thought to have limited downward mobility. Samples will be submitted for chemical analysis of PAHs, SVOCs, OCPs, and TAL metals. Based on field observations and PID readings, two samples from these borings will be selected for TPH and butyltins analyses.
- Four boreholes will be advanced to approximately 3 feet bgs adjacent to historical surface soil sample locations DSA07, DSA10, DSA11, and DSA12. Two subsurface soil samples (1 to 2 feet bgs, 2 to 3 feet bgs) will be collected from each core. Samples will be submitted for chemical analysis of PAHs, SVOCs, OCPs, and TAL metals. Based on field observations and PID readings, two samples from these borings will be selected for TPH and butyltins analyses.

To address DQOs 004 and 005, ~~four~~eight new monitoring wells (MW-18 through MW-~~21~~25~~4~~) will be installed using a sonic drilling method to depths between approximately 25 and ~~60~~70 feet bgs. Wells will be constructed and developed in accordance with Worksheet #17 and the applicable SOPs (Appendix B). The following presents the rationale for the location and screened interval for each of the new monitoring wells:

- MW-18 – Evaluate potential groundwater flow northwest of MW-12 where highest VOC concentrations were detected in 2022. MW-18 will be screened in colluvium/WSB.
- MW-19 – Evaluate groundwater flow and quality downgradient of Sandblast Building and Current HMSA halfway between MW-14 and MW-15. MW-19 will be screened in colluvium/WSB.
- MW-20 – Evaluate groundwater contamination downgradient of Sandblast Building and Current HMSA in the gap halfway between MW-12 and MW-13. MW-20 will be screened in colluvium/WSB.
- MW-21 – Evaluate groundwater flow and quality conditions upgradient of main Sandblast area along Tower Road. MW-21 will be screened in slide block.
- MW-22 – Will be paired with MW-11 and screened in the slide block to provide a better understanding of groundwater flow and quality in the slide block and monitor vertical hydraulic gradient. In addition, this well will be used to check for presence or absence of DNAPL in the slide block immediately downgradient of the Current HMSA and PCE soil hotspot.
- MW-23/MW-24 – Data from this new well pair will provide a better understanding of groundwater flow and quality immediately south of the former HMSA. Because it is south of the topographic high part of the island, groundwater flow is anticipated to be to the south. MW-23 will be screened in colluvium/WSB and MW-24 will be screened in slide block. This well pair will also provide a second well pair at the Sandblast Area to monitor vertical hydraulic gradient. Along with new wells MW-21 and MW-22, MW-24 will be used to evaluate groundwater flow directions in the slide block.
- MW-25 – An additional well screened in colluvium/WSB just northwest of the former HMSA to help evaluate groundwater flow direction including the location of the groundwater divide and check for groundwater contamination being potentially transported to the northwest.

Following development, groundwater samples will be collected during two separate events, approximately 6 months apart. Round 1 will include collection of groundwater samples from the ~~four~~ eight newly installed monitoring wells (MW-18 through MW-~~21~~25). Round 2 will include collection of groundwater samples from ~~nine~~13 monitoring wells (MW-11 through MW-15 and MW-18 through MW-~~21~~25). ~~All g~~Groundwater samples from MW-11 through MW-22 will be submitted for chemical analysis of VOCs. Groundwater samples from monitoring wells MW-23, MW-24, and MW-25 will be submitted for chemical analysis of VOCs, SVOCs, PAHs, OCP, and TAL metals.

To address DQO 005, transducers will be deployed following Round 1 sampling in ~~five~~ nine monitoring wells (MW-11, MW-12, MW-18, MW-19, ~~and~~ MW-21, MW-22, MW-23, MW-24, and MW-25). Transducers will remain in each well for 12 months, at which time they will be removed, and data will be incorporated into the CSM. The transducer locations were selected to spread coverage over much of the Sandblast Area AOPC with six wells (MW-11, MW-12, MW-18, MW-19, MW-23, and MW-25) screened in the colluvium/weathered slide block (shallow) and three wells (MW-21, MW-22, and MW-24) screened in the slide block (deep). The shallow wells include MW-11 near the Current HMSA (thought to be main source of VOCs), MW-12 in central part of Sandblast Area AOPC where some of highest VOC concentrations have been measured, and MW-18 and MW-19 as locations spread out closer to the Columbia River. The deep wells include MW-21 on Tower Road in the central part of the island, MW-22 near the Current HMSA, and MW-24 immediately south of the Former HMSA. Well pairs (MW-11/MW-22 and MW-23/MW-24) will be used for monitoring vertical hydraulic gradients.

4.3.3 Road Complex

Activities to be performed on the Road Complex include surface soil sampling as shown in Section 5 (UFP-QAPP), Worksheet #18, Table 18-1 and on Figure 4-6.

Four surface soil samples will be collected from 0 to ~~6 inches~~1 foot bgs (below the current road surface) using a disposable hand trowel or shovel, to address DQO 007. The samples have been distributed

roughly evenly across known historic roads on the eastern end of the island and positioned in areas with shallower surface gradients thought to be less affected by higher-velocity overland surface water flow. There will also be a fifth surface soil samples collected on the road near MW-10 as part of the DQO-001 sampling effort that can serve a dual purpose. Collecting samples from a depth of 0 to 1 foot bgs is thought to have the best chance of capturing PCBs or metals from past practices that may have included grading or backfilling. Because PCBs are highly sorptive, they would not be expected to penetrate very deeply into the soil column, even after an extended time period. Samples will be submitted for chemical analysis of PCBs congeners and TAL metals.

4.3.4 West Bradford Island

Activities to be performed on West Bradford Island include surface and subsurface soil sampling as shown in Section 5 (UFP-QAPP), Worksheet #18, Table 18-1 and on Figure 4-7.

Continuous cores will be advanced and logged to approximately ~~10~~20 feet bgs at three locations using DPT~~,~~ to address DQO 008. These three borings are distributed along the top of the knoll created by the disposal of fish ladder dredge materials as visible on aerial photographs. One surface (0 to 1 foot bgs) and up to four distinct subsurface soil samples will be collected from each core at various intervals (e.g., 3 to 5 feet bgs, 8 to 10 feet bgs, 13 to 15 feet bgs and 18 to 20 feet bgs) and submitted for chemical analysis of VOCs, PCB congeners, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals. Based on field observations and PID readings, four samples from these borings will be selected for TPH and butyltins analyses.

~~Four~~ Eleven surface soil samples will be collected from approximately 0 to 6 inches bgs using a disposable hand trowel or shovel~~,~~ to address DQO 008. The samples are distributed on all sides of the knoll to assess if chemicals of concern have been transported downward along the flanks of the knoll during dredge material placement or from subsequent erosion. Where possible, samples are positioned on topographic breaks in slope or benches, particularly on the north side of the knoll. Samples will be submitted for chemical analysis of VOCs, PCB congeners, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals.

LEGEND

- PROPOSED SOIL BORING
- MONITORING WELL LOCATION
- SEEP SURFACE WATER SAMPLING LOCATION
- SURFACE AND SHALLOW SOIL MONITORING LOCATION
- DEEPER SOIL MONITORING LOCATION
- TEST PIT SOIL SAMPLE LOCATION
- 2-FOOT ELEVATION CONTOUR (NAVD88) (USGS 2019)
- ROAD
- UPLAND OPERABLE UNIT
- LANDFILL AOPC
- EXTENT OF LANDFILL DEBRIS (APPROXIMATE)
- PESTICIDE/HERBICIDE WASH AREA
- HISTORICAL TEST PIT AREA

NOTES:

AOPC = AREA OF POTENTIAL CONCERN

NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988

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FIGURE 4-1
LANDFILL AOPC PROPOSED SOIL SAMPLE LOCATIONS

UPLAND OPERABLE UNIT SUPPLEMENTAL REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON

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LEGEND

- PROPOSED MONITORING WELL (SCREENED IN SLIDE BLOCK)
- MONITORING WELL LOCATION
- SEEP SURFACE WATER SAMPLING LOCATION
- SURFACE AND SHALLOW SOIL MONITORING LOCATION
- DEEPER SOIL MONITORING LOCATION
- TEST PIT SOIL SAMPLE LOCATION
- APRIL 2022 2-FOOT GROUNDWATER ELEVATION CONTOUR (NAVD88) (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION (APPROXIMATE)
- 2-FOOT ELEVATION CONTOUR (NAVD88) (USGS 2019)
- ROAD
- UPLAND OPERABLE UNIT
- LANDFILL AOPC
- EXTENT OF LANDFILL DEBRIS (APPROXIMATE)
- PESTICIDE/HERBICIDE WASH AREA
- HISTORICAL TEST PIT AREA

NOTES:

SEEP LOCATIONS WILL BE IDENTIFIED IN THE FIELD

AOPC = AREA OF POTENTIAL CONCERN

NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988

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FIGURE 4-2
LANDFILL AOPC PROPOSED GROUNDWATER AND SEEP SAMPLE LOCATIONS
UPLAND OPERABLE UNIT SUPPLEMENTAL REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON

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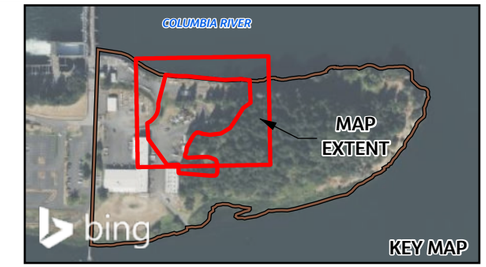

LEGEND

- PROPOSED SOIL BORING
- MONITORING WELL LOCATION
- SURFACE AND SHALLOW SOIL SAMPLING LOCATION
- CATCH BASIN
- 5-FOOT ELEVATION CONTOUR (NAVD88) (USGS 2019)
- ROAD
- UPLAND OPERABLE UNIT
- SANDBLAST AREA AOPC
- SPENT SANDBLAST GRIT DISPOSAL AREA (APPROXIMATE)
- SANDBLAST GRIT STORAGE AREA
- CURRENT HAZARDOUS MATERIALS STORAGE AREA
- FORMER SANDBLAST BUILDING

NOTES:

AOPC = AREA OF POTENTIAL CONCERN

NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988

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FIGURE 4-3
SANDBLAST AREA AOPC PROPOSED SOIL SAMPLE LOCATIONS
UPLAND OPERABLE UNIT SUPPLEMENTAL REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON

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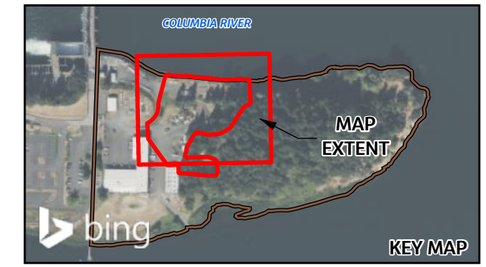

LEGEND

- PROPOSED MONITORING WELL (SCREENED IN COLLUVIUM/WEATHERED SLIDE BLOCK)
- PROPOSED MONITORING WELL (SCREENED IN SLIDE BLOCK)
- MONITORING WELL LOCATION
- SURFACE AND SHALLOW SOIL SAMPLING LOCATION
- CATCH BASIN
- APRIL 2022 2-FOOT GROUNDWATER ELEVATION CONTOUR (NAVD88) (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION (APPROXIMATE)
- 5-FOOT ELEVATION CONTOUR (NAVD88) (USGS 2019)
- ROAD
- UPLAND OPERABLE UNIT
- SANDBLAST AREA AOPC
- SPENT SANDBLAST GRIT DISPOSAL AREA (APPROXIMATE)
- SANDBLAST GRIT STORAGE AREA
- CURRENT HAZARDOUS MATERIALS STORAGE AREA
- FORMER SANDBLAST BUILDING

NOTES:

AOPC = AREA OF POTENTIAL CONCERN

NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988

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FIGURE 4-4
SANDBLAST AREA AOPC PROPOSED MONITORING WELLS AND GROUNDWATER SAMPLE LOCATIONS
UPLAND OPERABLE UNIT SUPPLEMENTAL REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON

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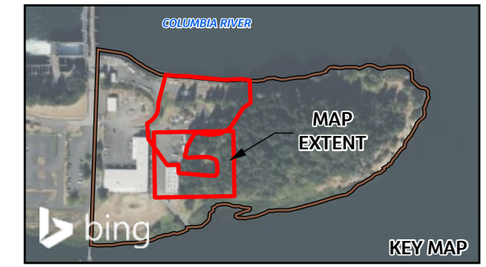

LEGEND

- PROPOSED SOIL BORING WITH SUBSURFACE SOIL SAMPLE LOCATION
- PROPOSED SOIL BORING WITH SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION
- PROPOSED MONITORING WELL (SCREENED IN COLLUVIUM/WEATHERED SLIDE BLOCK)
- PROPOSED MONITORING WELL (SCREENED IN SLIDE BLOCK)
- 5-FOOT ELEVATION CONTOUR (NAVD88) (USGS 2019)
- ROAD
- UPLAND OPERABLE UNIT
- SANDBLAST AREA AOPC
- SPENT SANDBLAST GRIT DISPOSAL AREA (APPROXIMATE)
- FORMER HAZARDOUS MATERIALS STORAGE (HMSA) PAD

NOTES:

AOPC = AREA OF POTENTIAL CONCERN

NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988

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FIGURE 4-5
SANDBLAST AREA AOPC/FORMER HMSA PROPOSED MONITORING WELLS AND SOIL SAMPLE LOCATIONS
UPLAND OPERABLE UNIT SUPPLEMENTAL REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON

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LEGEND

- PROPOSED SURFACE SOIL SAMPLE LOCATION
- MONITORING WELL LOCATION
- SEEP SURFACE WATER SAMPLING LOCATION
- WATER TOWER
- 5-FOOT ELEVATION CONTOUR (NAVD88) (USGS 2019)
- ROAD
- UPLAND OPERABLE UNIT
- LANDFILL AOPC
- SANDBLAST AREA AOPC
- SPENT SANDBLAST GRIT DISPOSAL AREA (APPROXIMATE)

NOTES:

AOPC = AREA OF POTENTIAL CONCERN

NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988

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FIGURE 4-6
ROAD COMPLEX PROPOSED SOIL SAMPLE LOCATIONS
UPLAND OPERABLE UNIT SUPPLEMENTAL REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON

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LEGEND

- PROPOSED SOIL BORING
- PROPOSED SURFACE SOIL SAMPLE LOCATION
- DRINKING WATER SUPPLY WELL (NO LONGER IN USE)
- 5-FOOT ELEVATION CONTOUR (NAVD88) (USGS 2019)

NOTES:

NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988

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FIGURE 4-7
WEST BRADFORD PROPOSED SOIL SAMPLE LOCATIONS
UPLAND OPERABLE UNIT SUPPLEMENTAL REMEDIAL INVESTIGATION WORK PLAN
BRADFORD ISLAND NPL SITE
CASCADE LOCKS, OREGON

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SECTION 5

UFP-QAPP Worksheets

This section satisfies the requirement to prepare a UFP-QAPP for this project. The UFP-QAPP worksheets provided in Section 5 of this work plan present the general approach and procedures for SRI activities in the Upland OU at Bradford Island. The following worksheets are included in this section:

Worksheet		Page
1/2	Title and Approval Page	5-5
3/5	Project Organization and Distribution List	5-7
4/7/8	Personnel Qualifications and Sign-off Sheet	5-9
6	Communication Pathways	5-13
9	Project Scoping Session Participants Sheet	5-15
10	Conceptual Site Model	5-17
11	Project/Data Quality Objectives	5-19
12	Measurement Performance Criteria	5-29
13	Secondary Data Uses and Limitations	5-41
14/16	Project Tasks and Schedule	5-43
15	Reference Limits and Evaluation	5-49
17	Sampling Design and Rationale	5-99
18	Sampling Locations and Methods	5-105
19/30	Sample Containers, Preservation, and Hold Times	5-119
20	Field QC Sample Summary	5-123
21	Field Standard Operating Procedures	5-125
22	Field Equipment Calibration, Maintenance, Testing, and Inspection	5-127
23	Analytical Standard Operating Procedures	5-131
24	Analytical Instrument Calibration	5-133
25	Analytical Instrument and Equipment Maintenance, Testing, and Inspection	5-151
26/27	Sample Handling, Custody, and Disposal	5-157
28	Analytical Quality Control and Corrective Action	5-159
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WORKSHEETS #1 AND #2

Title and Approval Page

Project Information	
Document Title:	Upland Operable Unit Supplemental Remedial Investigation Work Plan
Site Name/Project Name:	Bradford Island National Priorities List (NPL) Site, Cascade Locks, Oregon
Site Number/Site Name:	Upland Operable Unit • Landfill Area of Potential (AOPC) • Sandblast Area AOPC • Road Complex • West Bradford Island
Contract Number:	W912DQ-21-D-3006
Task Order Number:	W912DQ23F3038
Historical Plans and Reports:	See Section 2.1
Preparer's Organization	
Organization Name:	Jacobs
Lead Organization Project Manager:	D. Jay Wilburn, PG
Signature and Date:	Signature will be included on Final version mm/dd/year
Contracting Organization	
Organization Name:	U.S. Army Corps of Engineers (USACE), Kansas City District
Lead Organization Contracting Officer's Representative/Program Manager:	Jacqueline Frazier
Signature and Date:	Signature will be included on Final version mm/dd/year
Lead Regulatory Agency	
Organization Name:	U.S. Environmental Protection Agency (EPA), Region 10
Lead Organization Project Manager:	Richard Francis

EPA's approval of this document will be documented by concurrence letter; therefore, no EPA signatures are included on this page.

Project Organization and Distribution List

Figure 3-1 presents the project organizational chart. Table 5-1 presents the distribution list for this document.

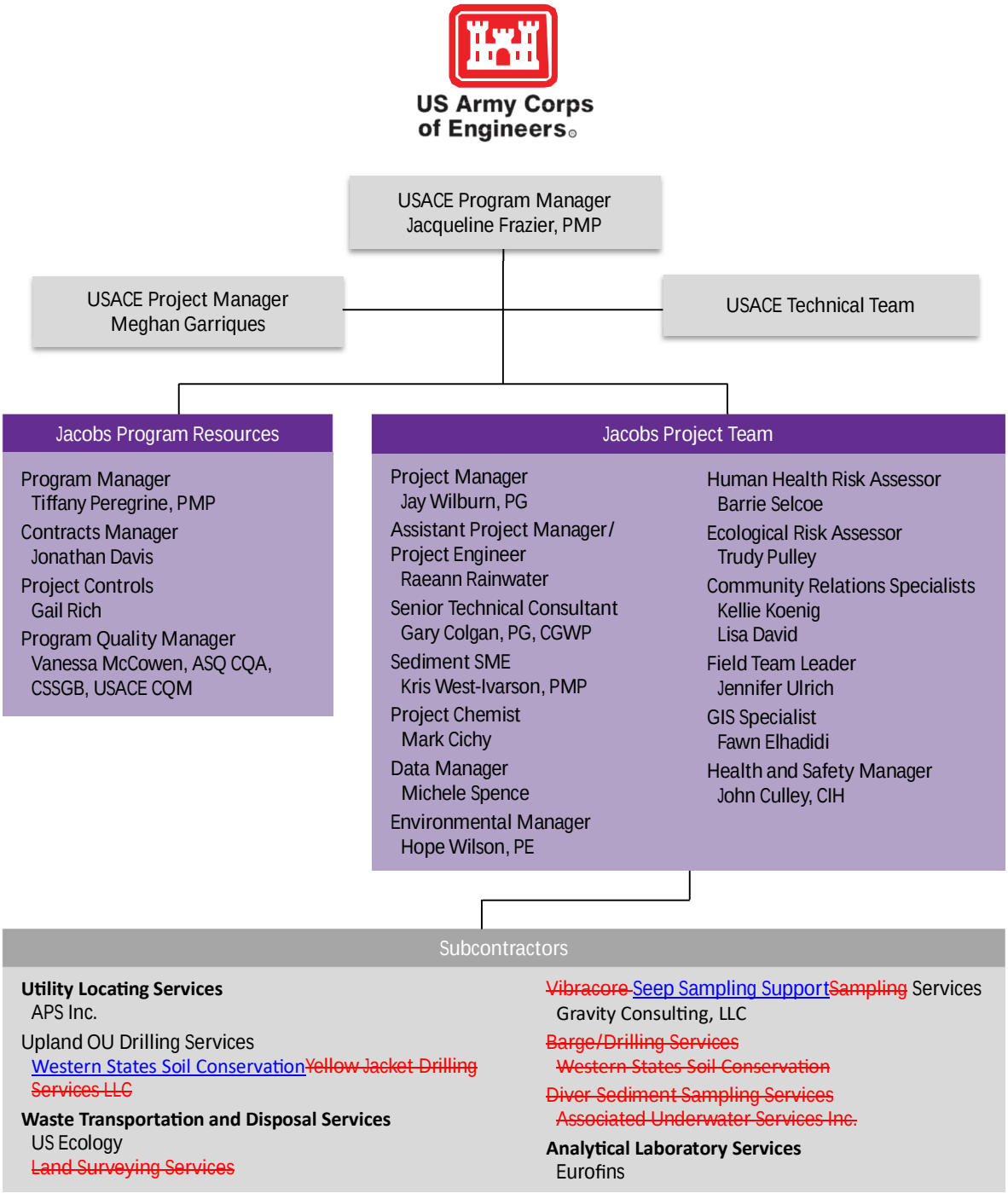

Figure 3-1. Organizational Chart

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Table 5-1. Distribution List
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Recipient	**Organization**	Email
Jacqueline Frazier	USACE	jacqueline.g.frazier@usace.army.mil
Meghan Garriques	USACE	meghan.e.garriques@usace.army.mil
Sushmita Sharma	USACE	sushmita.sharma@usace.army.mil
Richard Francis	EPA	francis.richard@epa.gov
Lydia Anderson	EPA	anderson.lydia@epa.gov
Mike Poulsen	Oregon DEQ	poulsen.mike@deq.state.or.us
Rebecca Lawson	WA ECY	rlaw461@ecy.wa.gov
Laura Shira	Yakama Nation Fisheries	shil@yakamafish-nsn.gov
Christina Donehower	Cowlitz Tribe	cdonehower@cowlitz.org
D. Jay Wilburn	Jacobs	jay.wilburn@jacobs.com
Raeann Rainwater	Jacobs	raeann.rainwater@jacobs.com
Gary Colgan	Jacobs	gary.colgan@jacobs.com
Kris Ivarson	Jacobs	kris.ivarson@jacobs.com

Notes:

Oregon DEQ = Oregon Department of Environmental Quality
WA ECY = Washington State Department of Ecology

Personnel Qualifications and Sign-off Sheet

The primary project personnel listed in Table 4-1, by virtue of their signatures, acknowledge that they have reviewed this UFPQAPP and understand the roles, responsibilities, and requirements herein. Scanned signature pages will be kept on file.

Table 4-1. Primary Project Personnel Sign-off Sheet
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Name	Project Title/Role	Signature*	Date
Jacobs			
D. Jay Wilburn	Project Manager	Signature will be included on Final version	
Gary Colgan	Senior Technical Consultant	Signature will be included on Final version	

*Signatures indicate that personnel have read and agree to implement this UFP-QAPP as written.

Table 4-2 identifies Jacobs' key project personnel performing tasks defined in this Work Plan.

Table 4-2. Personnel Qualifications
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Name	Project Title/Role	Education/Experience	Specialized Training/Certifications
D. Jay Wilburn, PG	Senior Project Manager	Education: Master of Science, Environmental Geology; Bachelor of Arts, Geology Experience: 28 years of direct experience managing environmental projects at the operational level	• Professional Geologist: Illinois • OSHA 40-hour HAZWOPER; 8-hour Refresher; 8-hour Supervisor Training
Raeann Rainwater	Assistant Project Manager/ Project Engineer	Education: Master of Science, Civil and Environmental Engineering; Bachelor of Science, Environmental Science Experience: 26 years of completing remedial investigations and remediation actions at CERCLA and RCRA sites; 18 years as PM.	• 40-hour and annual 8-hour OSHA hazardous waste training • Safety Coordinator – Construction • Safety Coordinator – Hazardous Waste • CPR and First Aid certification
Gary Colgan, PG, CGWP	Senior Technical Consultant	Education: Master of Science, Geosciences (Hydrogeology/Geochemistry); Bachelor of Science, Geology Experience: 39 years of experience as a hydrogeologist and geochemist investigating soil and groundwater contamination, and evaluating and designing remediation systems, at CERCLA and RCRA sites throughout the U.S. Expert in planning and implementing groundwater quality monitoring programs, including developing innovative approaches to monitoring well installation and sampling.	• Professional Geologist: Wyoming • Professional Geologist: Utah • CGWP, National Groundwater Association • 40-hour HAZWOPER, 8-hour Refresher; 8-hour Supervisor Training • Truth in Negotiations Act and Procurement Integrity Act training
Kris West-Ivarson, PMP	Sediment SME	Education: Bachelor of Science, Geologic Oceanography Experience: 30 years of completing remedial investigations, feasibility studies and remediation actions at CERCLA and RCRA sites in upland areas and at sediment sites.	• PMP certification • OSHA 40-hour HAZWOPER; 8-hour Refresher • Safety Liaison – Hazardous Waste • CPR and First Aid certification • Rosgen Stream Survey Training
Mark Cichy	Program Chemist	Education: Bachelor of Science, Chemistry Experience: 15+ years of experience as analytical laboratory principal. 33 years of chemistry laboratory experience, including organic and inorganic chemistry, field sampling procedures, and laboratory analyses.	• None

Table 4-2. Personnel Qualifications

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Name	Project Title/Role	Education/Experience	Specialized Training/Certifications
Barrie Selcoe	Human Health Risk Assessor	Education: Master of Public Health; Bachelor of Science, Microbiology Experience: 32 years of experience preparing and managing HHRAs and risk-based cleanup levels; SME for HHRA, toxicology, and vapor intrusion.	• OSHA 40-hour HAZWOPER; 8-hour Refresher
Trudy Pulley	Ecological Risk Assessor	Education: Master of Science, Environmental Toxicology; Bachelor of Science, Biology Experience: 32 years of experience in environmental toxicology, including ecological risk assessment, SME, strategy, task management, and senior review. CERCLA and RCRA investigations for federal, state, and private clients.	• International Board of Environmental Risk Assessors – Diplomate
Kelly Koenig	Senior Community Relations Specialist~~s~~	Education: Bachelor of Arts, Journalism and Psychology Experience: 24 years successful public affairs experience at 40 CERCLA Superfund sites.	• Advanced Coursework in Hazardous Materials Management
Lisa David	Senior Community Relations Specialist~~s~~	Education: Master of Science, Environmental Studies; Bachelor of Arts, English Experience: 20+ years of experience tailoring community involvement strategies.	• Bilingual fluent in Spanish and English, speaking, reading, and writing
John Culley, CIH	Health and Safety Manager	Education: Bachelor of Science, Environmental Management; Associate of Applied Science, Environmental Medicine Experience: 28 years of experience performing safety and occupational health professional services for environmental remediation and construction projects, including CERCLA and RCRA sites; providing programmatic and onsite H&S and industrial hygiene support.	• American Board of Industrial Hygiene, CIH; CP9628-Active • OSHA 500, Construction Safety Trainer • OSHA 510, 30-hour Construction Training • OSHA 40-hour HAZWOPER Training and current 8-hour Refresher • HAZWOPER 8-hour Supervisor Trained • Confined Space Entry Certified • CPR and First Aid Certification • U.S. Air Force veteran; honorably discharged

Table 4-2. Personnel Qualifications

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Name	Project Title/Role	Education/Experience	Specialized Training/Certifications
Jennifer Ulrich	Field Team Leader	Education: Bachelor of Sciences, Geology Experience: 17 years of planning, coordinating, and implementing environmental remediation projects for Federal, State, and Private Sector clients throughout the Pacific Northwest; 13 years as a Field Team Lead on both small and large, complex site investigations; 5 years as Senior Geologist on sediment, groundwater, and injection field projects.	• OSHA 40-hour HAZWOPER; 8-hour Refresher • CPR and First Aid Certification • Blood Borne Pathogens Training Certificate • Safety Liaison – Hazardous Waste Certificate • Trainer – Sediment Field Characterization Methods (Portland Harbor) • Dangerous Goods Training • Vinyl Chloride Training • Oracle iProcurement – Requester & Approver Combined Certificate • Field Health, Safety, & Environment Awareness Certificate
Vanessa McCowen, ASQ CQA, CSSGB, USACE CQM	Program Quality Manager	Education: Bachelor of Science, Geology Experience: 18 years of experience in a wide variety of environmental remediation, construction, and compliance projects. Three years of experience as Program Quality Manager.	• ASQ CQA • ASQ CSSGB • USACE Construction Quality Management – Contractor • OSHA HAZWOPER 40-hour; current refresher • OSHA Construction 30-hour • OSHA Hazardous Waste Supervisor 8-hour

Notes:

ASQ = American Society for Quality
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CGWP = Certified Groundwater Professional
CPR = cardiopulmonary resuscitation
CQA = Certified Quality Auditor
CQM = Certified Quality Manager
CSSGB = Certified Six Sigma Green Belt
H&S = health and safety
HAZWOPER = hazardous waste operations and emergency response
HHRA = human health risk assessment
OSHA = Occupational Safety and Health Administration
PG = Professional Geologist
PM = Project Manager
PMP = Project Management Professional
RCRA = Resource Conservation and Recovery Act of 1976
SME = subject matter expert

WORKSHEET #6

Communication Pathways

Table 6-1 presents communication pathways for this project.

Table 6-1. Communication Pathways
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Communication Drivers	Organization/ Role	Name	Phone Number	Procedure (Timing, Pathways, etc.)
Communication with USACE, Kansas City District (lead agency)	Jacobs PM	D. Jay Wilburn	(248) 719-5089	Primary point of contact for Jacobs; can delegate communication to other internal or external points of contact; provides technical input and recommendations to USACE, Kansas City District PM. Receives direction from USACE, Kansas City District.
Communication with Jacobs	USACE, Kansas City District Program Manager	Jacqueline Frazier	(913) 306-7779	Primary point of contact for USACE, Kansas City District; can delegate communication to other internal or external points of contact; provides direction to Jacobs.
Communication for site access on private land	USACE, Kansas City District or Jacobs PM	D. Jay Wilburn	(248) 719-5089	Primary point of contact to obtain site access to landowner and adjacent landowner property.
Communication with FFA agencies and interested parties	USACE, Kansas City District Program Manager	Jacqueline Frazier	(913) 306-7779	Primary point of contact for communicating with FFA agencies and interested parties.
Primary point of contact for QC issues	Jacobs QC Manager	Vanessa McCowen	(732) 429-9827	Implements QC program; provides oversight of activities; conducts audits/inspections of processes; communicates lessons learned; oversees corrective actions.
Progress of field program	Jacobs Field Team Leader	Jennifer Ulrich	(503) 872-4811	Conveys progress of field activities, including deviations from the UFP-QAPP; communication with Jacobs PM and project chemist, and others as directed by them; directs Jacobs field support staff; communicates with local USACE staff when completing field activities.
Project management tasks	Jacobs PM	D. Jay Wilburn	(248) 719-5089	Provides oversight concerning field activities. Communicates with project team. Communicates implementation of field activities. Jacobs PM will initiate changes for field activities, which will be approved prior to implementation.
UFP-QAPP amendments	Jacobs Project Chemist	Mark Cichy	(530) 604-4844	Initiates changes to the UFP-QAPP (i.e., additional sample locations, additional analytical suites). Changes will be documented via amendments and copies will be forwarded to appropriate parties.

Table 6-1. Communication Pathways

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Communication Drivers	Organization/ Role	Name	Phone Number	Procedure (Timing, Pathways, etc.)
Data tracking from collection through analysis and upload to database	Jacobs Data Manager	Michele Spence	(530) 243-5831	Manages data for use with the established data warehouse and data management activities to ensure quality requirements.
Field and analytical corrective actions; release of analytical data	Jacobs Project Chemist	Mark Cichy	(530) 604-4844	Provides direction regarding requirements for corrective actions for field and analytical issues; evaluates and releases validated analytical results to the Jacobs PM.
Data validation	Jacobs Project Chemist	Mark Cichy	(530) 604-4844	Verifies that the UFP-QAPP requirements are met by the laboratory.
Health and safety issues	Jacobs Health and Safety Manager	John Culley	(206) 660-3367	Supports the Jacobs project team by developing site safety and health requirements; approves activity hazard analyses; conducts field audit(s).
Health and safety oversight	Jacobs Safety Liaison	Various	Various	Implements and provides oversight for health and safety program. Coordinates with Jacobs PM for changes, issues, or health and safety incidents.
Analytical services	Eurofins PM	Nicki Ryan	(303) 736-0135	Report issues that arise during analysis to the Jacobs Project Chemist.

Notes:

FFA = Federal Facility Agreement
QC = quality control

WORKSHEET #9

Project Scoping Session Participants Sheet

The Upland OU Supplemental Remedial Investigation (SRI) technical approach was discussed during the Bradford Island NPL Site Technical Coordination Team (TCT) meetings held on 4 January, 25 January, and 22 February 2024. Jacobs presented the Upland OU SRI technical approach slides. The following items were covered with the presentation:

- Purpose of this Technical Scoping Meeting
- Groundwater Conceptual Site Model (CSM)
- Overview of Upland OU (by AOPC)
- Background/CSM
- Data Gaps/Proposed SRI Field Activities/Objectives
- Proposed SRI Sample Locations
- West Bradford Island
- Additional Discussion

As needed, additional follow-on discussions may be held with the TCT during the review and development of the Work Plan.

Participants of the TCT meetings include the following organizations:

- USACE
- Jacobs
- EPA
- U.S. Fish and Wildlife Service
- Oregon DEQ
- Oregon Health Authority
- WA ECY
- Yakama Nation Fisheries
- Confederation Tribes of Siletz Indians
- Cowlitz Tribe
- Confederated Tribes of Grand Ronde
- Confederation Tribes of Umatilla Indian Reservation
- Confederated Tribes of Grand Ronde
- Nez Perce Tribe
- Confederated Tribes of Warm Springs Indian Reservation

WORKSHEET #10

Conceptual Site Model

CSMs for the Landfill AOPC, Sandblast Area AOPC, Road Complex and West Bradford Island are presented in Section 3 and not repeated here.

WORKSHEET #11

Project/Data Quality Objectives

Project quality objectives (PQOs) and data quality objectives (DQOs) were developed in accordance with *Uniform Federal Policy for Quality Assurance Project Plans, Part 1: UFP-QAPP Manual* (EPA 2005) and the Optimized UFP-QAPP Worksheets (EPA 2012).

DQOs guide decisions and procedures for collecting, analyzing, and evaluating data so that the overall project objective is met. Table 11-1 presents the detailed DQOs for this investigation, which were developed using the EPA seven-step DQO process (EPA 2006).

The Upland OU SRI DQOs by AOPC, include the following:

- Landfill AOPC
  - DQO 001: Evaluate source of polychlorinated biphenyls (PCBs) detected in groundwater at well MW-10.
  - DQO 002: Evaluate current groundwater quality and flow conditions.
- Sandblast Area AOPC
  - DQO 003: Further delineate the vertical extent of soil contamination (Erodible Soils Unit, Sandblast Building near SB-12), ~~and~~ the lateral and vertical extent of soil contamination (PCE hotspot near the Current HMSA), and the leachability of chemicals to groundwater.
  - DQO 004: Further evaluate groundwater flow conditions and current lateral extent of groundwater contamination.
    - Evaluate groundwater flow and quality including preferential pathways northwest of the Erodible Soils Unit; from the former Sandblast Building and Current HMSA; and near the Former HMSA.
    - Evaluate groundwater conditions upgradient of the Current HMSA.
    - Evaluate changes in seasonal groundwater flow in the Sandblast Area AOPC.
    - Evaluate vertical hydraulic gradient and potential for presence of DNAPL immediately downgradient of the Current HMSA.
    - ~~Evaluate groundwater flow northwest of the Erodible Soils Unit.~~
    - ~~Evaluate groundwater flow from Sandblast Building and Current HMSA.~~
    - ~~Evaluate groundwater conditions upgradient of the Current HMSA.~~
    - ~~Evaluate changes in seasonal groundwater flow in the Sandblast Area AOPC.~~
  - DQO 005: Evaluate current groundwater quality and flow conditions including checking for presence of LNAPL and DNAPL in groundwater system.
  - DQO 006: Further delineate lateral and vertical extent of primarily polycyclic aromatic hydrocarbon (PAH) and metals contamination in soil.
- Road Complex
  - DQO 007: Assess whether past disposal practices including potential road oiling and placement of sandblast grit contaminated surface soil on roads.
- West Bradford Island
  - DQO 008: Assess whether past disposal practices contaminated surface and subsurface soils.

Table 11-1. Data Quality Objectives
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Step 1: State the Problem	Step 2: Identify the Goals of the Study	Step 3: Identify Information Inputs	Step 4: Define Boundaries of the Study	Step 5: Develop the Analytical Approach	Step 6: Specify Performance or Acceptance Criteria	Step 7: Develop Plan for Obtaining Data
Landfill AOPC						
DQO 001 – Evaluate source of PCBs detected in groundwater at well MW-10.						
What is the likely source of anomalous trace concentrations of PCBs detected in groundwater from reference well MW-10 in 2022?	Collect data to evaluate two possible hypotheses: • PCBs detected in MW-10 groundwater are from a source near MW-10. • PCBs are migrating from the landfill to MW-10 due to apparent seasonal groundwater flow reversals.	Results from metal detector sweep within 50-foot radius of MW-10 to identify remnants of any large metal containers such as drums or transformers. PCB data from surface and subsurface soil samples collected near MW-10. PCB data from groundwater samples collected from MW-10, a new ~~reference~~ well (MW-17) installed southwest of MW-10, one existing well (MW-2) along southern boundary of landfill, and a new well further east along southern edge of landfill (MW-16). Groundwater water level data collected as snapshots in time during two planned monitoring events and from ~~four~~ transducers deployed for 1 year.	Spatial Boundaries: Eastern end of Bradford Island, including the Landfill AOPC and the area south of the landfill. Temporal Boundaries: One field event. Integrate historical PCB results from 2022 groundwater samples. Chemical Boundaries: Analytical suite limited to PCBs for this DQO. More complete analytical parameters will be collected to address DQO 002.	Analyze soil samples for PCBs (209 congeners). Collect field parameters during well sampling. Measure groundwater levels during two sampling rounds.	Field data will meet standard quality expectations for characterizing soil and groundwater. Analytical data will meet PSLs and laboratory-specific quantitation limits (Worksheet #15) and quality expectations for PARCCS as defined in Worksheet #37.	Based on metal detector sweep within 50-foot radius of MW-10, finalize locations and c~~C~~omplete three soil borings to 5 feet bgs using a DPT rig near MW-10; collect two soil samples per boring (0 to 1, 3 to 5 feet bgs). Install two new monitoring wells screened in ~~weathered~~ the slide block: One to approximately ~~70~~ 80 feet bgs southwest of MW-10 (MW-17~~6~~), and the other to about ~~32~~ 52 feet bgs along Landfill Road east of MW-2 (MW-~~17~~16). ~~MW-17 may be used as a reference well.~~ ~~Collect~~ Measure PCB ~~data from~~concentrations in groundwater samples collected from MW-10, MW-2, ~~the new reference well installed southwest of~~ MW-16, and MW-17.~~0, and the new well along southern edge of the landfill.~~ These four wells will be sampled during two planned events approximately 6 months apart (DQO 002). Groundwater water level data collected as snapshots in time during two planned monitoring events and from four transducers deployed in MW-2, MW-10, MW-16, and MW-17 for 1 year.
DQO 002 – Evaluate current groundwater quality and flow conditions.						
What are current groundwater quality and flow conditions in the Landfill AOPC?	Collect data from existing and new monitoring wells and seeps to understand current groundwater quality and flow conditions.	Shoreline surveys, including the north, south, and east portions of Bradford Island, to identify seeps. Water quality data from existing and new monitoring wells and seep locations. If practical, seep samples will be collected concurrently with surface water samples from the river. Groundwater water level data collected as snapshots in time during two planned monitoring events and from ~~four~~ transducers deployed for 1 year (~~same as~~larger list of wells than DQO 001). Interface probe checks for LNAPL and DNAPL.	Spatial Boundaries: Eastern end of Bradford Island, including the Landfill AOPC and the area south of the landfill, extending to the river. Temporal Boundaries: Two sampling rounds approximately 6 months apart. Integrate and compare to data collected for 2012 RI and in 2022. Chemical Boundaries: Collect analytical parameters as indicated in Step 5.	Analyze all groundwater samples and seeps for PCBs (209 congeners), VOCs, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals. Analyze groundwater samples from seven wells (MW-1, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8) that had TPH and/or butyltin detections in 2022 and all identified seeps for TPH and butyltins. Collect field parameters during well sampling. Measure groundwater levels during two sampling rounds.	Field data will meet standard quality expectations for characterizing groundwater. Analytical data will meet PSLs and laboratory-specific quantitation limits (Worksheet #15) and quality expectations for PARCCS as defined in Worksheet #37.	First Groundwater Sampling Round: Collect samples from two new wells (MW-16, MW-17), MW-2, and MW-10 (same as DQO 001). Second Groundwater and Seep Sampling Round: Collect samples from two new and nine existing wells and identified seeps. Groundwater Level and Interface Probe Measurements: • Measure water levels in all existing and new monitoring wells as snapshots in time during both planned monitoring events. • Check for presence of LNAPL and DNAPL with an interface probe in all existing and new wells during first monitoring event and repeat measurements during second event where NAPL detected. • Collect continuous water level data using ~~four~~ eight transducers deployed in four wells (MW-1, MW-2, MW-3, and MW-5) screened in the colluvium/weathered slide block (shallow) and four wells (MW-8, MW-10, MW-16, and MW-17) screened in the slide block (deep).~~MW-2, MW-10, MW-16, and MW-17~~ for 1 year.

Table 11-1. Data Quality Objectives

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Step 1: State the Problem	Step 2: Identify the Goals of the Study	Step 3: Identify Information Inputs	Step 4: Define Boundaries of the Study	Step 5: Develop the Analytical Approach	Step 6: Specify Performance or Acceptance Criteria	Step 7: Develop Plan for Obtaining Data
Sandblast Area AOPC						
DQO 003 – Further delineate the lateral and vertical extent of soil contamination, and the leachability of chemicals to groundwater.						
Some parts of the Sandblast Area AOPC require additional delineation of lateral and vertical extent of soil contamination to support the FS. This includes the Erodible Soils Unit where no data were previously collected between 0.17 and 13 feet bgs; near SB-12 (former Sandblast Building) where a soil gas PCE/TCE hotspot was measured; and the PCE hotspot at the Current HMSA where high VOC concentrations (420,000 µg/kg PCE, 3,200 µg/kg TCE) were previously detected but the lateral and vertical extents were not delineated sufficiently to evaluate potential remedies.	Collect additional subsurface soil samples to fill identified data gaps.	Analytical results from subsurface soil samples.	Spatial Boundaries: Sandblast Area AOPC. Temporal Boundaries: Single sampling event. Integrate and compare to data collected for 2012 RI and 2021 soil data. Chemical Boundaries: Collect analytical parameters as indicated in Step 5.	Erodible Soil Unit and Sandblast Building Soil Gas Hotspot: Analyze soil samples for VOCs, PCBs (209 congeners), PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals. In addition, based on field observations and PID readings, select and analyze 10 samples from these borings for TPH and butyltins. PCE Hotspot: Analyze soil samples for VOCs.	Field data will meet standard quality expectations for characterizing soil. Analytical data will meet PSLs and laboratory-specific quantitation limits (Worksheet #15) and quality expectations for PARCCS as defined in Worksheet #37.	Complete three soil borings in the Erodible Soils Unit up to 15 feet bgs; collect ~~two~~ up to five soil samples per boring. Complete one soil boring near SB-12 (former Sandblast Building) to 15 feet bgs where soil gas PCE/TCE hotspot measured (pending rig access); collect ~~two~~ up to five soil samples per boring based on PID readings. Based on PID soil gas screening, locate and c~~C~~omplete two soil borings behind the Current HMSA to 5 to 10 feet bgs (pending rig access); collect ~~two~~ up to four soil samples per boring based on PID readings.
DQO 004 – Further evaluate groundwater flow conditions and current lateral extent of groundwater contamination.						
Several questions regarding groundwater conditions at the Sandblast Area AOPC remain after the RI: • Could VOC contamination extend northwest of MW-12 where elevated cis-1,2-DCE concentrations were measured in 2022? • Could there be additional VOC impacts in groundwater in the central Sandblast Area AOPC that are not delineated by the current monitoring well network? • Could there be VOC contamination upgradient of the Current HMSA? • Could there be DNAPL or deeper dissolved VOC contamination in the slide block? • What is the vertical hydraulic gradient between the colluvium/weathered slide block and the slide block? • Where is the groundwater divide in this part of the island? • Could there be groundwater contamination associated with the Former HMSA?	Install eight~~five~~ new monitoring wells to augment the current monitoring network to ~~better assess~~further evaluate groundwater flow conditions and current lateral and vertical extent of groundwater contamination, including: • Evaluate groundwater flow and quality including preferential pathways northwest of the Erodible Soils Unit; from the former Sandblast Building and Current HMSA; and near the Former HMSA. • Evaluate groundwater conditions upgradient of the Current HMSA. • Evaluate changes in seasonal groundwater flow in the Sandblast Area AOPC. • Evaluate vertical hydraulic gradient and potential for presence of DNAPL immediately downgradient of the Current HMSA.	Geology/hydrogeology data collected during well installation.	Spatial Boundaries: Sandblast Area AOPC extending south to Tower Road and north to the river. Temporal Boundaries: Single field event to install and develop ~~four~~eight~~ive~~ new monitoring wells. Newly installed monitoring wells will be sampled to address DQO 005. Chemical Boundaries: Collect analytical parameters as indicated in Step 5.	Analytical approach described in DQO 005.	Field data will meet standard quality expectations for characterizing groundwater.	~~F~~Eight~~ive~~ new monitoring wells are proposed in the Sandblast Area AOPC: • Install well MW-18, screened in ~~alluvium~~colluvium/ weathered slide block, to approximately 30 feet bgs northwest of MW-12. • Install well MW-19, screened in ~~alluvium~~colluvium/ weathered slide block, to approximately 25 feet bgs halfway between MW-14 and MW-15. • Install well MW-20, screened in ~~alluvium~~colluvium/ weathered slide block, to approximately 30 feet bgs halfway between MW-12 and MW-13. • Install well MW-21, screened in ~~alluvium/ weathered~~ slide block, to approximately 60 feet bgs south of the Current HMSA. • Install well MW-22, screened in slide block, to approximately 40 feet bgs adjacent to MW-11, immediately downgradient of Current HMSA. • Install well pair MW-23/24, screened in colluvium/weathered slide block to 35 feet bgs and slide block to approximately 50 feet bgs immediately south of Former HMSA. • Install well MW-24, screened in colluvium/ weathered slide block, to approximately 30 feet immediately northwest of Former HMSA.

Table 11-1. Data Quality Objectives
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Step 1: State the Problem	Step 2: Identify the Goals of the Study	Step 3: Identify Information Inputs	Step 4: Define Boundaries of the Study	Step 5: Develop the Analytical Approach	Step 6: Specify Performance or Acceptance Criteria	Step 7: Develop Plan for Obtaining Data
DQO 005 – Evaluate current groundwater quality and flow conditions including checking for presence of LNAPL and DNAPL in groundwater system.						
What are current groundwater quality and flow conditions in the Sandblast AOPC? Could LNAPL or DNAPL be present in groundwater system?	Collect data from existing and new monitoring wells to understand current groundwater quality and flow conditions.	Water quality data from existing and new monitoring wells. Groundwater water level data collected as snapshots in time during two planned monitoring events and from five transducers deployed for 1 year. Interface probe checks for LNAPL and DNAPL.	Spatial Boundaries: Sandblast AOPC extending south to Tower Road and north to the river. Temporal Boundaries: Two sampling events approximately 6 months apart. Integrate and compare to data collected for 2012 RI and in 2022. Chemical Boundaries: Collect analytical parameters as indicated in Step 5.	Analyze groundwater samples for PCBs (209 congeners), VOCs, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals. Collect field parameters during well sampling. Measure groundwater levels during two sampling rounds.	Field data will meet standard quality expectations for characterizing groundwater. Analytical data will meet PSLs and laboratory-specific quantitation limits (Worksheet #15) and quality expectations for PARCCS as defined in Worksheet #37.	First Groundwater Sampling Round: Collect samples from ~~four~~ eight new wells (MW-18, MW-~~MW-~~19, MW-20, ~~and~~ MW-21, MW-22, MW-23, MW-24, and MW-25). Second Groundwater Sampling Round: Collect samples from all ~~four~~ eight new and five existing wells. Groundwater Level and Interface Probe Measurements: • Measure water levels in all existing and new monitoring wells as snapshots in time during both planned monitoring events. • Check for presence of LNAPL and DNAPL with an interface probe in all existing and new wells during first monitoring event and repeat measurements during second event where NAPL detected. • Collect continuous water level data using ~~five~~ nine transducers deployed in six wells (MW-11, MW-12, MW-18, MW-19, MW-23, and MW-25) screened in the colluvium/weathered slide block (shallow) and three wells (MW-21, MW-22 and MW-24) screened in the slide block (deep)~~in MW-11, 12, 18, 19, and 21~~ for 1 year.
DQO 006 – Further delineate lateral and vertical extent of primarily PAH and metals contamination in soil.						
Elevated concentrations of primarily PAHs and metals were measured in some of 12 surface soil samples collected near the Former HMSA during the RI but further delineation is needed to support evaluation of remedies in the FS.	Delineate extent of PAH and metals contamination in and around Former HMSA sufficient to evaluate potential remedies.	Analytical results from surface and subsurface soil samples.	Spatial Boundaries: Former HMSA portion of Sandblast Area AOPC. Temporal Boundaries: Single soil sampling event. Integrate and compare to data collected for 2012 RI. Chemical Boundaries: Collect analytical parameters as indicated in Step 5.	Based on RI results, analyze soil samples for PAHs, SVOCs, OCPs, and TAL metals. In addition, based on field observations and PID readings, four samples from these borings will be selected for TPH and butyltins analyses.	Field data will meet standard quality expectations for characterizing soil. Analytical data will meet PSLs and laboratory-specific quantitation limits (Worksheet #15) and quality expectations for PARCCS as defined in Worksheet #37.	Collect surface (0- to 1-foot) and subsurface (1- to 2-foot, 2- to 3-foot) samples at approximately 10 locations in a roughly 50-foot grid (30 total samples). Collect subsurface (1- to 2-foot, 2- to 3-foot) samples near DSA07, DSA10, DSA11, and DSA12 (eight total samples).
Road Complex						
DQO 007 – Assess whether past disposal practices including potential road oiling and placement of sandblast grit contaminated surface soil on roads.						
Were PCB-containing oils used for dust suppression on dirt roads in the eastern part of Bradford Island? Was sandblast grit used to fill ruts on dirt roads in the eastern part of Bradford Island?	Collect sufficient surface soil data to assess whether PCB-contaminated oils or sandblast grit were used on roads.	Analytical results from surface soil samples.	Spatial Boundaries: Current and past dirt roads in eastern side of Bradford Island. Temporal Boundaries: Single sampling event. Chemical Boundaries: PCBs, metals~~.~~	Analyze soil samples for PCBs (209 congeners) and TAL metals.	Field data will meet standard quality expectations for characterizing soil. Analytical data will meet PSLs and laboratory-specific quantitation limits (Worksheet #15) and quality expectations for PARCCS as defined in Worksheet #37.	Collect four surface (0- to 1~~0.5~~-foot) soil samples using hand tools from near center of roads.

Table 11-1. Data Quality Objectives
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Step 1: State the Problem	Step 2: Identify the Goals of the Study	Step 3: Identify Information Inputs	Step 4: Define Boundaries of the Study	Step 5: Develop the Analytical Approach	Step 6: Specify Performance or Acceptance Criteria	Step 7: Develop Plan for Obtaining Data
West Bradford Island						
DQO 008 – Assess whether past disposal practices contaminated surface and subsurface soils.						
Did past disposal practices associated with fish ladder dredge materials at West Bradford Island contaminate surface and subsurface soils?	Collect sufficient surface and subsurface soil data to assess whether there is any significant soil contamination resulting from past material disposal practices in the central portion of Bradford Island.	Analytical results from surface and subsurface soil samples.	Spatial Boundaries: Central portion of West Bradford Island. Temporal Boundaries: Single sampling event. Chemical Boundaries: Complete analytical parameters will be collected.	Analyze soil samples for PCBs (209 congeners), VOCs, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals. In addition, based on field observations and PID readings, four samples from the borings will be selected for TPH and butyltins analyses.	Field data will meet standard quality expectations for characterizing soil. Analytical data will meet PSLs and laboratory-specific quantitation limits (Worksheet #15) and quality expectations for PARCCS as defined in Worksheet #37.	Collect ~~four~~11 surface soil samples using hand tools. Complete three soil borings with a DPT rig to a depth of ~~10~~20 feet bgs; collect a surface soil sample and ~~two~~ up to four subsurface soil samples at each location.

Notes:

µg/kg = microgram(s) per kilogram
bgs = below ground surface
VOC = volatile organic compound
DCE = dichloroethene
DNAPL = Dense non-aqueous phase liquids
DPT = direct-push technology
FS = feasibility study
HMSA = Hazardous material storage area
LNAPL = Light non-aqueous phase liquids
OCP = organochlorine pesticide
PARCCS = precision, accuracy, representativeness, comparability, completeness, and sensitivity
PCBs – polychlorinated biphenyls
PID = photoionization detector
PSL = project screening level
SVOC = semivolatile organic compound
TAL = target analyte list
TCE = trichloroethene
TPH = total petroleum hydrocarbons
VOC = volatile organic compound

WORKSHEET #12

Measurement Performance Criteria

Data Quality Indicators

Tables 12-1 through 12-7 summarize the measurement performance criteria (MPC) for chemical analyses being performed for each matrix and analytical parameter. The MPCs follow those defined in the referenced EPA method or laboratory standard operating procedure (SOP). The quality of the data to be collected for this project will be verified through appropriate MPCs established for both sampling procedures and analytical methods.

Precision

Precision of the data is the measure of reproducibility or agreement among repeated measurements of the same sample under identical or substantially similar conditions. It is represented as either a range of values or as a standard deviation about the mean value. Precision goals vary for analytical data by the type of QC samples measured. Both laboratory and field QC samples are utilized to measure precision. Precision may be expressed as a percentage of the mean of measurements, such as relative range or relative standard deviation (RSD). Analytical precision is a measurement of the variability associated with duplicate or replicate analyses of the same sample in the laboratory. Analytical precision is determined by analysis of laboratory QC samples, such as matrix spike duplicates (MSD), laboratory control sample duplicates (LCSD), or sample duplicates. The most commonly used estimates of precision are RSD and the relative percent difference (RPD) when only two samples are used. Total precision is a measurement of the variability associated with the entire sampling and analytical process. It is determined by analysis of duplicate samples, which measure variability introduced by the laboratory and field operations. Field duplicate samples are analyzed to assess field and analytical precision. The tables included in this worksheet specify the frequency with which laboratory duplicate samples (i.e., LCSD and MSD) will be analyzed as well as the allowable difference in results for laboratory quality assurance (QA) and QC samples. If the precision goals indicated in this UFP-QAPP are not met, the data will be qualified for reporting purposes.

Accuracy

Accuracy of the data is the measure of the overall agreement of a measured value to the true value. It includes a combination of systematic error (bias) and random error (precision) components of sampling and analytical operations. It reflects the total error associated with a measurement. A measurement is considered accurate when the value reported does not differ from the true value or known concentration of a spike sample or standard beyond an acceptable margin. Field and laboratory activities are subject to accuracy checks. To estimate the accuracy of the data, a selected sample is spiked with a known amount of a standard and is analyzed; the results of which are used to calculate percent recovery. Accuracy of laboratory analyses will be assessed by comparing results for a surrogate standard, matrix spike (MS) or laboratory control sample (LCS), and initial and continuing calibration of instruments to control limits. Laboratory accuracy is expressed as the percent recovery (%R). If the %R is determined to be outside of acceptance criteria, the data will be flagged for reporting purposes. Accuracy goals vary for analytical data by the type of analyses employed. Laboratory goals are established as part of the laboratory QA/QC program as described in the quality assurance manual (QAM) and SOPs.

Representativeness

Representativeness is the degree to which sample data accurately reflect the characteristics of a population of samples. It is achieved through a well designed sampling program and by using standardized

sampling strategies and techniques and analytical procedures. Factors that can affect representativeness include site homogeneity, sample homogeneity at a single point, and available information around which the sampling program is designed. Using multiple methods to measure an analyte can also result in non-representativeness of sample data. Sample collection and handling methods, sample preparation, analytical procedures, holding times, and QA protocols developed for this project, and discussed in the subsequent sections of this document, have been established to ensure that the collected data are representative.

Comparability

Comparability is a qualitative term used to express the confidence with which one data set can be compared to another data set. The objective for the QA/QC program is to produce data with the greatest possible degree of comparability. The different matrixes that are sampled and the range of field conditions as encountered are considered in determining comparability. Data comparability will be sustained in this project through the use of defined procedures for sampling and analysis (sample collection and handling, sample preparation, and analytical procedures), reporting in standard units, normalizing results to standard conditions, and using standard and comprehensive reporting formats. The data set will be considered comparable when EPA or other standard methods have been used for analyses, the data set is representative, and the field investigation is conducted in accordance with accepted industry standards.

Completeness

Completeness is defined as the percentage of measurements judged to be valid based on the number of planned analyses. The completeness goal is to generate a sufficient amount of valid data to meet project needs and is calculated and reported for each method, matrix, and analyte combination. Completeness describes the content of the data set once errors, if any, have been identified and qualified and rejected data have been removed from the data set. Completeness may also be impacted when planned samples are not collected (e.g., caliche makes borehole advancement impossible) or collected samples are not analyzed (e.g., sample bottle broken in transit). The number of valid results divided by the number of planned results, expressed as a percentage, determines the completeness of the data set. The target completeness objective for this project is 90 percent for each matrix and analysis. If the goal is not achieved, the rationale for the incompleteness will be assessed and reported. The data completeness will be evaluated during the data validation review process.

Sensitivity

Sensitivity refers to the amount of analyte necessary to produce a detector response that can be reliably detected (the limit of detection [LOD]) or quantified (the limit of quantitation [LOQ]). Where practicable, to reduce the possibility of false negatives, the LOQ of each chemical of concern should be lower than corresponding screening value. In cases where screening values are below LOQs, the LODs can be used to evaluate the presence or absence of the analyte from environmental samples. Furthermore, to be considered valid for project use under normal conditions, the concentrations of chemicals of concern in any blank (e.g., equipment blank, field blank, and/or method blank) should not exceed one-half the laboratory LOQs or one-tenth the amount measured in any associated sample, whichever is greater, unless a higher number is considered valid to reflect actual field and laboratory conditions. Ideally, and to reduce the possibility of false positives, all blanks associated with project samples should be free of detectable contamination.

Table 12-1. Measurement Performance Criteria – PCB Congeners (EPA Method 1668)
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Sample	Frequency	Data Quality Indicators	Measurement Performance Criteria
FD	One per every 10 field samples collected.*	Field precision Lab sensitivity	RPD < 30 percent in water and < 50 in soil.
Method blank	One per preparatory batch.	Lab accuracy	No analytes detected > one-half LOQ; or > one-tenth the amount measured in any sample or one-tenth the regulatory limit, whichever is greater.
LCS	One per preparation batch.	Lab accuracy	In addition to the requirements of EPA Method 1668, the following must be met: • Analyte recoveries must be within in-house limits if project limits are not provided; otherwise, project limits must be met. • The lower limit of acceptance criteria cannot be < 40 percent.
MS/MSD	One MS/MSD pair per prep batch. One per 20 samples per matrix as a minimum and as defined on the CoC form.	Lab accuracy and precision	In addition to the requirements of EPA Draft Method 1668, the following must be met: • Analyte recoveries must be within in-house LCS limits if project limits are not provided; otherwise, project limits must be met. • RPD ≤ 30 percent (between MS and MSD).

* One field duplicate per sampling event will be collected if there are less than 10 total samples.

Note:

FD = field duplicate

Table 12-2. Measurement Performance Criteria – Metals (EPA Methods 6010D/ 6020B/7470A/7471B)
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Sample	Frequency	Data Quality Indicators	Measurement Performance Criteria
FD	One per every 10 field samples collected.	Field precision Lab sensitivity	RPD < 320 percent in water and < 50 in soil.
Method blank	One per preparatory batch.	Lab accuracy	No analytes detected > one-half LOQ; or > one-tenth the amount measured in any sample or one-tenth the regulatory limit, whichever is greater.
LCS	One per preparation batch.	Lab accuracy	• Analyte recoveries must be within in-house limits if project limits are not provided; otherwise, project limits must be met. • The lower limit of acceptance criteria cannot be < 10 percent.
MS/MSD	One MS/MSD pair per prep batch. One per 20 samples per matrix as a minimum and as defined on the CoC form.	Lab accuracy and precision	• Analyte recoveries must be within in-house LCS limits if project limits are not provided; otherwise, project limits must be met. • RPD ≤ 320 percent (between MS and MSD).

Table 12-3. Measurement Performance Criteria – Organochlorine Pesticides (EPA Method 8081B)
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Sample	Frequency	Data Quality Indicators	Measurement Performance Criteria
FD	One per every 10 field samples collected.	Field precision Lab sensitivity	RPD < 30 percent in water and < 50 in soil.
Method blank	One per preparatory batch.	Lab accuracy	No analytes detected > one-half LOQ; or > one-tenth the amount measured in any sample or one-tenth the regulatory limit, whichever is greater.
LCS	One per preparation batch.	Lab accuracy	• Analyte recoveries must be within in-house limits if project limits are not provided; otherwise, project limits must be met. • The lower limit of acceptance criteria cannot be < 10 percent.
MS/MSD	One MS/MSD pair per prep batch. One per 20 samples per matrix as a minimum and as defined on the CoC form.	Lab accuracy and precision	• Analyte recoveries must be within in-house LCS limits if project limits are not provided; otherwise, project limits must be met. • RPD ≤ 30 percent (between MS and MSD).

Table 12-4. Measurement Performance Criteria – VOCs (EPA Method 8260D)

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Sample	Frequency	Data Quality Indicators	Measurement Performance Criteria
FD	One per every 10 field samples collected.	Field precision Lab sensitivity	RPD < 30 percent in water and < 50 in soil.
Method blank	One per preparatory batch.	Lab accuracy	No analytes detected > one-half LOQ; or > one-tenth the amount measured in any sample or one-tenth the regulatory limit, whichever is greater.
LCS	One per preparation batch.	Lab accuracy	In addition to the requirements of EPA Method 8260D, the following must be met: • Analyte recoveries must be within in-house limits if project limits are not provided; otherwise, project limits must be met. • The lower limit of acceptance criteria cannot be < 10 percent.
MS/MSD	One MS/MSD pair per prep batch. One per 20 samples per matrix as a minimum and as defined on the CoC form.	Lab accuracy and precision	In addition to the requirements of EPA Method 8260D, the following must be met: • Analyte recoveries must be within in-house LCS limits if project limits are not provided; otherwise, project limits must be met. • RPD ≤ 30 percent (between MS and MSD).

Table 12-5. Measurement Performance Criteria – SVOCs (EPA Method 8270E)

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Sample	Frequency	Data Quality Indicators	Measurement Performance Criteria
FD	One per every 10 field samples collected.	Field precision Lab sensitivity	RPD < 30 percent in water and < 50 in soil.
Method blank	One per preparatory batch.	Lab accuracy	No analytes detected > one-half LOQ; or > one-tenth the amount measured in any sample or one-tenth the regulatory limit, whichever is greater.
LCS	One per preparation batch.	Lab accuracy	In addition to the requirements of EPA Method 8270E, the following must be met: • Analyte recoveries must be within in-house limits if project limits are not provided; otherwise, project limits must be met. • The lower limit of acceptance criteria cannot be < 10 percent.
MS/MSD	One MS/MSD pair per prep batch. One per 20 samples per matrix as a minimum and as defined on the CoC form.	Lab accuracy and precision	In addition to the requirements of EPA Method 8270E, the following must be met: • Analyte recoveries must be within in-house LCS limits if project limits are not provided; otherwise, project limits must be met. • RPD ≤ 30 percent (between MS and MSD).

Table 12-6. Measurement Performance Criteria – PAHs (EPA Method 8270E SIM)

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Sample	Frequency	Data Quality Indicators	Measurement Performance Criteria
FD	One per every 10 field samples collected.	Field precision Lab sensitivity	RPD < 30 percent in water and < 50 in soil.
Method blank	One per preparatory batch.	Lab accuracy	No analytes detected > one-half LOQ; or > one-tenth the amount measured in any sample or one-tenth the regulatory limit, whichever is greater.
LCS	One per preparation batch.	Lab accuracy	• Analyte recoveries must be within in-house limits if project limits are not provided; otherwise, project limits must be met. • The lower limit of acceptance criteria cannot be < 10 percent.
MS/MSD	One MS/MSD pair per prep batch. One per 20 samples per matrix as a minimum and as defined on the CoC form.	Lab accuracy and precision	In addition to the requirements of EPA Method 8260D, the following must be met: • Analyte recoveries must be within in-house LCS limits if project limits are not provided; otherwise, project limits must be met. • RPD ≤ 30 percent (between MS and MSD).

Table 12-7. Measurement Performance Criteria – Organochlorine Herbicides (EPA Method 8321B)

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Sample	Frequency	Data Quality Indicators	Measurement Performance Criteria
FD	One per every 10 field samples collected.	Field precision Lab sensitivity	RPD < 30 percent in water and < 50 in soil.
Method blank	One per preparatory batch.	Lab accuracy	No analytes detected > one-half LOQ; or > one-tenth the amount measured in any sample or one-tenth the regulatory limit, whichever is greater.
LCS	One per preparation batch.	Lab accuracy	• Analyte recoveries must be within in-house limits if project limits are not provided; otherwise, project limits must be met. • The lower limit of acceptance criteria cannot be < 10 percent.
MS/MSD	One MS/MSD pair per prep batch. One per 20 samples per matrix as a minimum and as defined on the CoC form.	Lab accuracy and precision	• Analyte recoveries must be within in-house LCS limits if project limits are not provided; otherwise, project limits must be met. • RPD ≤ 30 percent (between MS and MSD).

Table 12-8. Measurement Performance Criteria – Butyltins (Isotope Dilution Gas Chromatography Mass Spectrometry)
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Sample	Frequency	Data Quality Indicators	Measurement Performance Criteria
FD	One per every 10 field samples collected.	Field precision Lab sensitivity	RPD < 30 percent in water and < 50 in soil.
Field Blank	One per every shipment of field samples	Accuracy/field contamination	No analytes detected > one-half LOQ; or > one-tenth the amount measured in any sample or one-tenth the regulatory limit, whichever is greater.
Method blank	One per preparatory batch.	Lab accuracy	No analytes detected > one-half LOQ; or > one-tenth the amount measured in any sample or one-tenth the regulatory limit, whichever is greater.
Surrogate	Added to each sample	Lab accuracy	• Analyte recoveries must be within in-house limits if project limits are not provided; otherwise, project limits must be met.
MS/MSD	One MS/MSD pair per prep batch. One per 20 samples per matrix as a minimum and as defined on the chain-of-custody form.	Lab accuracy and precision	• Analyte recoveries must be within in-house LCS limits if project limits are not provided; otherwise, project limits must be met. • RPD ≤ 30 percent (between MS and MSD).
LCS	One per preparation batch.	Lab accuracy	• Analyte recoveries must be within in-house limits if project limits are not provided; otherwise, project limits must be met. • The lower limit of acceptance criteria cannot be < 10 percent.

Table 12-9. Measurement Performance Criteria – Extractable TPH (EPA Method 8015D)
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Sample	Frequency	Data Quality Indicators	Measurement Performance Criteria
FD	One per every 10 field samples collected.	Field precision Lab sensitivity	RPD < 30 percent.
Method blank	One per preparatory batch.	Lab accuracy	No analytes detected > one-half LOQ; or > one-tenth the amount measured in any sample or one-tenth the regulatory limit, whichever is greater.
LCS	One per preparation batch.	Lab accuracy	• Analyte recoveries must be within in-house limits if project limits are not provided; otherwise, project limits must be met. • The lower limit of acceptance criteria cannot be < 10 percent.
MS/MSD	One MS/MSD pair per prep batch. One per 20 samples per matrix as a minimum and as defined on the chain-of-custody form.	Lab accuracy and precision	In addition to the requirements of EPA Method 8260, the following must be met: • Analyte recoveries must be within in-house LCS limits if project limits are not provided; otherwise, project limits must be met. • RPD ≤ 30 percent (between MS and MSD).

Table 12-10. Measurement Performance Criteria – Purgeable TPH (EPA Method 8015D)
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Sample	Frequency	Data Quality Indicators	Measurement Performance Criteria
FD	One per every 10 field samples collected.	Field precision Lab sensitivity	RPD < 30 percent.
Method blank	One per preparatory batch.	Lab accuracy	No analytes detected > one-half LOQ; or > one-tenth the amount measured in any sample or one-tenth the regulatory limit, whichever is greater.
LCS	One per preparation batch.	Lab accuracy	• Analyte recoveries must be within in-house limits if project limits are not provided; otherwise, project limits must be met. • The lower limit of acceptance criteria cannot be < 10 percent.
MS/MSD	One MS/MSD pair per prep batch. One per 20 samples per matrix as a minimum and as defined on the chain-of-custody form.	Lab accuracy and precision	• Analyte recoveries must be within in-house LCS limits if project limits are not provided; otherwise, project limits must be met. • RPD ≤ 30 percent (between MS and MSD).

WORKSHEET #13

Secondary Data Uses and Limitations

Secondary data include data collected from previous investigations, as well as regional, local, and site-specific reference materials that may be used to increase the understanding of current site conditions. Historical documents for Bradford Island were made available for use as secondary data as part of the Bradford Island Administrative Record. Sources of secondary data (including previous reports), factors affecting reliability, and limitations on data use are listed in Table 13-1. A summary of previous investigations applicable to this SRI are presented in Section 2, Table 2-1 of the Upland OU SRI Work Plan.

Table 13-1. Secondary Data Types

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Secondary Data	Data Source	Data Uses Relative to Current Project	Factors Affecting the Reliability of Data and Limitations on Data Use
Chemical laboratory data	Validated analytical data collected during previous investigation (see Table 2-1 for summary of previous investigations)	Data will be used for applicable PQO purposes, including nature and extent determinations and remedy selection evaluations.	Changes in site conditions since data were collected (e.g., volatilization or remedial action); changes in analytical methods; analyte detection limits appropriate to meet project goals.
Boring log information	Data from the 2012 RI and previous investigations	Data will be used to evaluate subsurface conditions and to support updates to the hydrogeologic CSM.	None.
Geographic information system mapping layers and coordinates	Data from aerial photographs, previous investigations, USACE, and the 2012 RI	Data will be used to determine well boring, sample, and site feature locations to support CSMs and nature and extent evaluations.	Review of data and professional judgment will be required to determine applicability and usability of data.
Photographs, historical aerial photography, interviews with site personnel, or other source data	Previous site reports; published literature	Data will be used to support updates to the CSM.	Review of data and professional judgment will be required to determine applicability and usability of data.
PID soil gas screening	PID field reading with shallow soil gas probes (up to 2 feet bgs) behind the Current HMSA.	Data will be used to select final locations of boreholes.	Review of data and professional judgment will be required to determine applicability and usability of data.
Metal detector sweep	Metal detector readings of the area within 50 feet of MW-10.	Data will be used to look for evidence of metal containers such as drums or transformers that could have contained PCBs. If any evidence is found, the boring locations may be adjusted to target suspected areas where a release could have occurred.	Review of data and professional judgment will be required to determine applicability and usability of data.

Project Tasks and Schedule

This worksheet provides a summary of the project tasks necessary to complete the SRI at Bradford Island.

The overall project tasks include pre-investigation, field investigation, and post-investigation activities.

Pre-investigation Activities

The following activities occur before the field activities begin:

- Preparing the Work Plan, including the UFP QAPP worksheets, and obtaining approval
- Procuring subcontracted services and materials
- Obtaining necessary work clearances
  - Vehicle access routes to locations will be determined by USACE before any field activity takes place. Sensitive habitat, if present, will be avoided or measures implemented as necessary.
  - No traffic disruptions (or control measures) are anticipated, with the exception of the Road Complex work, where traffic control will be implemented as required.
  - Obtain a boating restriction zone (BRZ) permit when accessing the northern shoreline of Bradford Island for seep sample collection.
- **Marking locations and obtaining drilling location clearances and Oregon 811 Utility Notification Center ticketing system**
- **Conducting a third-party underground utility locate to check for the presence of buried utilities**
- **Coordinating site access**

Work will be coordinated with the appropriate Bradford Island USACE personnel points of contact. Work clearances will be obtained for the field activities. The appropriate utility or private company will be contacted to help locate buried utility lines at the site before any subsurface drilling or sampling occurs. Refer to Worksheet #21 for the full list of Field SOPs and refer to Appendix B for the full text of the Field SOPs.

Field Investigation

Field investigation activities will be conducted at Bradford Island within the Upland OU to further delineate site chemicals of concern (COCs) and chemicals of ecological concern (COECs) in groundwater, seep, and soil samples. Information found in guidance documents listed in Worksheet #14 and secondary data listed in Worksheet #13 will be used to design and conduct the field investigation. Site work will be performed in accordance with the *Accident Prevention Plan and Site Safety and Health Plan* (in progress).

All sampling and analysis will be performed in accordance with Worksheets #13, #15, #17 through #21, and #22 through #28.

The following activities will occur during the field investigation:

- Pre-**field site visit and site preparation.** Confirm site conditions prior to the start of work.
- Record keeping. Record keeping will be in accordance with SOP-11, SOP-12, and SOP-13.
- **Equipment calibration.** Equipment used for the project will be calibrated in accordance with Worksheet #22 and the manufacturer's specifications.

- Field measurements. Measurements that will be taken in the field may include water level and interface probe measurements, water quality measurements, and breathing zone and headspace measurements.
- Land surveying. All new groundwater monitoring wells, seeps, surface soil sampling locations, and soil borings will be surveyed following completion by an Oregon licensed surveyor in accordance with SOP-23. Previously installed groundwater monitoring wells will also be resurveyed for accuracy and consistency across the monitoring well network.
- Fieldwork will be conducted at four areas on Bradford Island: Landfill AOPC, Sandblast Area AOPC, Road Complex, and West Bradford Island (Figure 3-1). Field activities vary between each area and are designed to achieve the respective DQOs as identified in Section 4.2 and Worksheet #11, Table 11-1. Activities include soil, seep, and groundwater sampling, monitoring well installation and development, deployment of transducers, and surveying, as shown on Worksheet #18, Table 18-1. All soil sample intervals will be selected based on PID readings and field observations, generally targeting intervals of observed contamination and one interval below the observed contamination. Borehole depths may be adjusted in the field based on these observations. Following sampling, the soil boreholes will be abandoned by adding bentonite chips from the bottom to approximately 6 inches bgs and then topped with commercially purchased topsoil to the ground surface.

  All work will be conducted in accordance with the applicable SOPs (Appendix B).
- Landfill AOPC. Activities to be performed at the Landfill AOPC include subsurface soil sampling, monitoring well installation and development, groundwater sampling, deployment of transducers, seep sampling, and surveying as shown in Table 18-1 and on Figures 4-1 and 4-2.

  After a metal detector sweep over a 50-foot radius of MW-10, c~~C~~ontinuous cores will be advanced and logged to approximately 5 feet bgs at three locations using DPT. A surface sample and t~~T~~wo subsurface soil samples will be collected from each core and submitted for analysis of PCB congeners.

  Two new monitoring wells (MW-16 and MW-17) will be installed with a sonic drilling method to approximately ~~30~~ 40 and ~~70~~ 90 feet bgs, respectively. Wells will be constructed and developed in accordance with the applicable SOPs (Appendix B). ~~MW-17 may be used as a potential reference well.~~

  Following development, groundwater samples will be collected during two separate events, approximately 6 months apart. Round 1 will include collection of groundwater samples in four monitoring wells (MW-02, MW-10, MW-16, and MW-17) and deployment of transducers. Transducers will be deployed in ~~each~~ eight wells and remain for 12 months, at which time they will be removed and data will be incorporated into the CSM, to address DQO 002. Round 2 will include collection of groundwater samples from 12 monitoring wells. All groundwater samples will be submitted for chemical analysis of VOCs, PCB congeners, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals. Groundwater samples from seven wells (MW-1, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8) that had TPH and/or butyltin detections in 2022 will also be analyzed for those analyte groups. Interface probe checks for presence of LNAPL and DNAPL will be conducted in all existing and new wells during the first monitoring event and will be repeated during second event where NAPL detected.

  Seep samples will also be collected during two separate events, approximately 6 months apart, based on a shoreline survey, including the north, south and east portions of Bradford Island. Rounds 1 and 2 will include collection of samples from up to 10 seep locations, if flowing. Access to seeps will be limited and require a boat to determine if they are flowing and samples can be collected. All seep samples will be submitted for chemical analysis of VOCs, PCB congeners, PAHs, SVOCs, OCPs, chlorinated herbicides, TPH, butyltins, and TAL metals.

- Sandblast Area AOPC. Activities to be performed at the Sandblast Area AOPC include surface and subsurface soil sampling, monitoring well installation and development, groundwater sampling, deployment of transducers, and surveying, as shown in Table 18-1 and on Figures 4-4 and 4-5.

  Continuous cores will be advanced and logged at 21 locations using DPT within the Sandblast Area AOPC to various depths, as follows:

  – Three boreholes will be advanced to approximately 15 feet bgs within the Erodible Soils Unit. Up to five subsurface soil samples will be collected from each core at various intervals and submitted for chemical analysis of VOCs, PCB congeners, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals. Based on field observations and PID readings, 6 samples from these borings will be selected for TPH and butyltins analyses.

  – Two boreholes will be advanced behind the Current HMSA up to approximately 10 feet bgs. These locations will be located adjacent to historical sample location SBB18 where a soil PCE/TCE hotspot (420 milligrams per kilogram [mg/kg] and 3.2 mg/kg, respectively) was detected at 2.5 feet bgs. If the DPT rig cannot access the locations, a hand auger will be used to advance the soil borings to 5 feet bgs. The total number of subsurface soil samples and selected intervals will be dependent on the method used to advance the borings, PID readings, and field observations. Samples will be submitted for chemical analysis of VOCs.

  – One borehole will be advanced near the former Sandblast Building to approximately 15 feet bgs. This location will be adjacent to historical sample location SB-12 where a soil gas PCE/TCE hotspot (34,000 micrograms per cubic meter [µg/m^3] and 620 µg/m^3, respectively) was detected between 3.5 and 4 feet bgs. The total number of subsurface soil samples and selected intervals will be dependent on ~~the method used to advance the borings,~~ PID readings~~,~~ and field observations. Samples will be submitted for analysis of VOCs, PCB congeners, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals. Based on field observations and PID readings, 4 samples from this boring will be selected for TPH and butyltins analyses.

  – Ten boreholes will be advanced to 3 feet within an approximately 50-foot grid in the southern portion of the Sandblast Area AOPC near the Former HMSA. One surface and two subsurface samples will be collected from each core. Samples will be submitted for chemical analysis of PAHs, SVOCs, OCPs, and TAL metals. Based on field observations and PID readings, 2 samples from these borings will be selected for TPH and butyltins analyses.

  – Four boreholes will be advanced to approximately 3 feet bgs adjacent to historical sample locations DSA07, DSA10, DSA11, and DSA12. Two subsurface soil samples will be collected from each core. Samples will be submitted for chemical analysis of PAHs, SVOCs, OCPs, and TAL metals. Based on field observations and PID readings, 2 samples from these borings will be selected for TPH and butyltins analyses.

  ~~Five~~ Eight new monitoring wells (MW-18 through MW-25~~22~~) will be installed with a sonic drilling method to depths between approximately 25 and ~~60~~ 70 feet bgs. Wells will be constructed and developed in accordance with Worksheet #17 and the applicable SOPs (Appendix B).

  Following development, groundwater samples will be collected during two separate events, approximately 6 months apart. Round 1 will include collection of groundwater samples from the eight~~five~~ newly installed monitoring wells (MW-18 through MW-~~22~~25). Round 2 will include collection of groundwater samples from ~~10~~ 13 monitoring wells (MW-11 through MW-15 and MW-18 through MW-25~~22~~). Groundwater samples from MW-11 through MW-22 will be submitted for chemical analysis of VOCs. Groundwater samples from monitoring wells MW-23, MW-24, and MW-25 will be submitted for chemical analysis of VOCs, SVOCs, PAHs, OCP and TAL metals.~~All groundwater samples will be submitted for chemical analysis of VOCs.~~ Interface probe checks for presence of LNAPL and DNAPL will be conducted in all existing and new wells during the first monitoring event and will be repeated during the second event where NAPL detected.

Transducers will be deployed in ~~six~~ nine monitoring wells (MW-11, MW-12, MW-18, MW-19, MW-21, MW-22, MW-23, MW-24, and MW-25~~MW-11, 12, 18, 19, 21, and 22~~). Transducers will remain in each well for 12 months, at which time they will be removed, and data will be incorporated into the CSM.

- Road Complex. Activities to be performed on the Road Complex include surface soil sampling as shown in Table 18-1 and on Figure 4-6.

  Four surface soil samples will be collected from approximately 0 to ~~6 inches~~1 foot bgs (below the road surface) using a disposable hand trowel or shovel. Samples will be submitted for chemical analysis of PCB congeners and TAL metals.

- West Bradford Island. Activities to be performed on West Bradford Island include surface and subsurface soil sampling, as shown in Table 18-1 and on Figure 4-7.

  Continuous cores will be advanced and logged to approximately ~~10~~20 feet bgs at three locations using DPT, to address DQO 008. One surface and up to four subsurface soil samples will be collected from each core at various intervals and submitted for chemical analysis of VOCs, PCB congeners, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals. Based on field observations and PID readings, 4 samples from these borings will be selected for TPH and butyltins analyses.

  ~~Four~~ Eleven surface soil samples will be collected from approximately 0 to ~~6~~ 1 ~~inches~~ foot bgs using a disposable hand trowel or shovel. Samples will be submitted for chemical analysis of VOCs, PCB congeners, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals.

Post-field Activities

The following activities will occur after the field investigation:

- **Laboratory analysis and data validation**
- **Data management, data review, and evaluation**
- **Reporting**

Decontamination Procedures

Decontamination of all downhole tooling and equipment will be conducted in accordance with SOPs -41, -42, and -43.

Waste Management

Waste generated during the investigation will include soil cuttings, decontaminated water, purged and development water, and general trash. All the waste will be containerized, managed, and disposed of in accordance with applicable local, state, and federal regulations and SOPs -81, -82, -83, and -84.

Laboratory Analysis

The laboratory analyses to be performed are included in Worksheet #19/30. The laboratory analyses will be performed in accordance with the analytical SOPs.

Data Management, Data Review, and Evaluation

Data Management

Data will be managed in accordance with the project Data Management Plan (in progress). Field activities will be recorded in a project logbook, as applicable, and on the applicable standard log forms provided in

the SOPs (Appendix B) of this Work Plan. Site maps will be maintained, and sample locations will be updated on the maps as necessary. Field and analytical data will be consolidated and maintained within an electronic database system.

Data Review

A three-step data review process (consisting of verification, validation, and usability assessment) will be employed in examining the collected data. This process should ensure that only scientifically sound data of known and documented quality are used in making environmental decisions. Worksheets #34 through #37 describe the process and criteria in detail.

Analytical data obtained during the project will be validated by a qualified chemist in accordance with specifications provided in Worksheet #36. Full documentation of the data validation process and the results will be provided in appendices to the investigation reports.

Data Evaluation

Field data will be compiled from field logs and presented in tables listing the sampling details, field observations, and field parameter measurements. Field data will be used to further refine the understanding of conditions at the sites and to create and update the CSM, as appropriate.

Validated analytical data will be processed to produce a working data set with which to evaluate the nature and extent of contamination.

A complete set of the processed results, as well as full documentation of the original results and how the processed results were derived, will be included as appendices in the investigation reports.

Processed analytical data, in conjunction with the existing data of adequate quality, will be used to evaluate the nature and extent of contamination.

Reporting

Following completion of the SRI at Bradford Island, all fieldwork will be documented in an Upland Operable Unit Supplemental Remedial Investigation Report. The report will provide an updated characterization of environmental conditions; evaluate nature and extent of groundwater, seep, and soil contamination; and provide an updated CSM.

Project Schedule

Table 16-1. Project Tasks and Schedule

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Activities	Anticipated Date of Initiation	Anticipated Date of Completion
Work Plan (including UFP-QAPP Worksheets)	December 2023	~~October~~November 2024
Fieldwork (including Round 1 Groundwater and Seep Sampling*)	~~October~~November 2024	~~November~~January 202~~4~~5
Round 2 ~~Groundwater and~~ Seep Sampling ~~(Round 2)~~	March 2025	~~April~~March 2025
Round 2 Groundwater Sampling	June 2025	June 2025
Data Evaluation and Meeting	May 2025	June 2025

* Seep sampling will be conducted from a boat during the annual Bonneville Dam spillway closure (approximately September to April).

Reference Limits and Evaluation

One of the primary goals of this UFP-QAPP is to select the appropriate analytical methods needed to achieve the LODs to satisfy the overall PSLs (as defined below).

Target Analytical Suites

The target analytes for this study are presented in Tables 15-1 through 15-14. Samples will be analyzed by Eurofins Laboratories (U.S. Department of Defense [DoD] Environmental Laboratory Accreditation Program [ELAP] accreditation is located in Appendix C).

Project Screening Levels

PSLs are conservative target concentrations used to evaluate the presence or absence of COCs/COECs at the site. The PSLs are based on the selected screening levels in groundwater or soil as summarized in Appendix A.

Because the goal of this investigation is to further evaluate the presence or absence of COCs or COECs, the laboratory LOD will be used as the PSL or SLV when other sources do not apply. The LODs and LOQs are presented in this worksheet. There are instances where the LODs do not meet the screening levels; however, for the methods selected, the LODs and LOQs are consistent with industry standards and are not expected to be of concern based on historical results. If there are two results for the same analyte, only the highest detect will be reported, regardless of sample type and regardless of method (excludes rejected data); and, if both are nondetect, then the lowest nondetect result is selected. With this approach, either the value of the normal or the value of the field duplicate will be selected to use the most conservative result and to be able to reference it back to a specific sample.

Table 15-1. Project Screening Level and Laboratory Limits – Method 1668 PCBs in Soil
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analytical Group: *PCBs*

PCB Congener Number	Analyte	CAS Number	Project Action Limit (pg/g)	Project Action Limit Source	Laboratory-specific	
					LOD (pg/g)	LOQ (pg/g)
PCB 1 (BZ)	2-Chlorobiphenyl	2051-60-7	--	--	20	2
PCB 2 (BZ)	3-Chlorobiphenyl	2051-61-8	--	--	20	2
PCB 3 (BZ)	Biphenyl, 4-chloro	2051-62-9	--	--	20	5
PCB 4 (BZ)	2,2'-Dichlorobiphenyl	13029-08-8	--	--	20	5
PCB 5 (BZ)	2,3-Dichlorobiphenyl	16605-91-7	--	--	20	5
PCB 6 (BZ)	2,3'-Dichlorobiphenyl	25569-80-6	--	--	20	5
PCB 7 (BZ)	2,4-Dichlorobiphenyl	33284-50-3	--	--	20	5
PCB 8 (BZ)	2,4'-Dichlorbiphenyl	34883-43-7	--	--	20	5
PCB 9 (BZ)	2,5-Dichlorobiphenyl	34883-39-1	--	--	20	5
PCB 10 (BZ)	2,6-Dichlorobiphenyl	33146-45-1	--	--	20	5

Table 15-1. Project Screening Level and Laboratory Limits – Method 1668 PCBs in Soil
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analytical Group: *PCBs*

PCB Congener Number	Analyte	CAS Number	Project Action Limit (pg/g)	Project Action Limit Source	Laboratory-specific	
					LOD (pg/g)	LOQ (pg/g)
PCB 11 (BZ)	3,3'-Dichlorobiphenyl	2050-67-1	--	--	25	20
PCB 12 (BZ)	3,4-Dichlorobiphenyl	2974-92-7	--	--	40	10
PCB 13 (BZ)	3,4'-Dichlorobiphenyl	2974-90-5	--	--	40	10
PCB 14 (BZ)	3,5-Dichlorobiphenyl	34883-41-5	--	--	20	5
PCB 15 (BZ)	4,4'-Dichlorobiphenyl	2050-68-2	--	--	20	5
PCB 16 (BZ)	2,2',3-Trichlorobiphenyl	38444-78-9	--	--	20	2
PCB 17 (BZ)	2,2',4-Trichlorobiphenyl	37680-66-3	--	--	20	2
PCB 18 (BZ)	2,2',5-Trichlorobiphenyl	37680-65-2	--	--	40	4
PCB 19 (BZ)	2,2',6-Trichlorobiphenyl	38444-73-4	--	--	20	2
PCB 20 (BZ)	2,3,3'-Trichlorobiphenyl	38444-84-7	--	--	40	4
PCB 21 (BZ)	2,3,4-Trichlorobiphenyl	55702-46-0	--	--	40	2
PCB 22 (BZ)	2,3,4'-Trichlorobiphenyl	38444-85-8	--	--	20	2
PCB 23 (BZ)	2,3,5-Trichlorobiphenyl	55720-44-0	--	--	20	1
PCB 24 (BZ)	2,3,6-Trichlorobiphenyl	55702-45-9	--	--	20	1
PCB 25 (BZ)	2,3',4-Trichlorobiphenyl	55712-37-3	--	--	20	1
PCB 26 (BZ)	2,3',5-Trichlorobiphenyl	38444-81-4	--	--	40	2
PCB 27 (BZ)	2,3',6-Trichlorobiphenyl	38444-76-7	--	--	20	1
PCB 28 (BZ)	2,4,4'-Trichlorobiphenyl	7012-37-5	--	--	40	4
PCB 29 (BZ)	2,4,5-Trichlorobiphenyl	15862-07-4	--	--	40	2
PCB 30 (BZ)	2,4,6-Trichlorobiphenyl	35693-92-6	--	--	40	4
PCB 31 (BZ)	2,4',5-Trichlorobiphenyl	16606-02-3	--	--	20	5
PCB 32 (BZ)	2,4',6-Trichlorobiphenyl	38444-77-8	--	--	20	2
PCB 33 (BZ)	2',3,4-Trichlorobiphenyl	38444-86-9	--	--	40	2
PCB 34 (BZ)	2',3,5-Trichlorobiphenyl	37680-68-5	--	--	20	1
PCB 35 (BZ)	3,3',4-Trichlorobiphenyl	37680-69-6	--	--	20	1
PCB 36 (BZ)	3,3',5-Trichlorobiphenyl	38444-87-0	--	--	20	1
PCB 37 (BZ)	3,4,4'-Trichlorobiphenyl	38444-90-5	--	--	20	1
PCB 38 (BZ)	3,4,5-Trichlorobiphenyl	53555-66-1	--	--	20	1
PCB 39 (BZ)	3,4',5-Trichlorobiphenyl	38444-88-1	--	--	20	1

Table 15-1. Project Screening Level and Laboratory Limits – Method 1668 PCBs in Soil
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analytical Group: *PCBs*

PCB Congener Number	Analyte	CAS Number	Project Action Limit (pg/g)	Project Action Limit Source	Laboratory-specific	
					LOD (pg/g)	LOQ (pg/g)
PCB 40 (BZ)	2,2',3,3'-Tetrachlorobiphenyl	38444-93-8	--	--	40	2
PCB 41 (BZ)	2,2',3,4-Tetrachlorobiphenyl	52663-59-9	--	--	20	2
PCB 42 (BZ)	2,2',3,4'-Tetrachlorobiphenyl	36559-22-5	--	--	20	1
PCB 43 (BZ)	2,2',3,5-Tetrachlorobiphenyl	70362-46-8	--	--	20	1
PCB 44 (BZ)	2,2',3,5'-Tetrachlorobiphenyl	41464-39-5	--	--	60	6
PCB 45 (BZ)	2,2',3,6-Tetrachlorobiphenyl	70362-45-7	--	--	20	1
PCB 46 (BZ)	2,2',3,6'-Tetrachlorobiphenyl	41464-47-5	--	--	20	1
PCB 47 (BZ)	2,2',4,4'-Tetrachlorobiphenyl	2437-79-8	--	--	60	6
PCB 48 (BZ)	2,2',4,5-Tetrachlorobiphenyl	70362-47-9	--	--	20	1
PCB 49 (BZ)	2,2',4,5'-Tetrachlorobiphenyl	41464-40-8	--	--	40	2
PCB 50 (BZ)	2,2',4,6-Tetrachlorobiphenyl	62796-65-0	--	--	40	2
PCB 51 (BZ)	2,2',4,6'-Tetrachlorobiphenyl	68194-04-7	--	--	20	1
PCB 52 (BZ)	2,2',5,5'-Tetrachlorobiphenyl	35693-99-3	--	--	20	5
PCB 53 (BZ)	2,2',5,6'-Tetrachlorobiphenyl	41464-41-9	--	--	40	2
PCB 54 (BZ)	2,2',6,6'-Tetrachlorobiphenyl	15968-05-5	--	--	20	1
PCB 55 (BZ)	2,3,3',4-Tetrachlorobiphenyl	74338-24-2	--	--	20	1
PCB 56 (BZ)	2,3,3',4'-Tetrachlorobiphenyl	41464-43-1	--	--	20	1
PCB 57 (BZ)	2,3,3',5-Tetrachlorobiphenyl	70424-67-8	--	--	20	1
PCB 58 (BZ)	2,3,3',5'-Tetrachlorobiphenyl	41464-49-7	--	--	20	1
PCB 59 (BZ)	2,3,3',6-Tetrachlorobiphenyl	74472-33-6	--	--	60	3
PCB 60 (BZ)	2,3,4,4'-Tetrachlorobiphenyl	33025-41-1	--	--	20	1
PCB 61 (BZ)	2,3,4,5-Tetrachlorobiphenyl	33284-53-6	--	--	80	4
PCB 62 (BZ)	2,3,4,6-Tetrachlorobiphenyl	54230-22-7	--	--	60	3
PCB 63 (BZ)	2,3,4',5-Tetrachlorobiphenyl	74472-34-7	--	--	20	1
PCB 64 (BZ)	2,3,4',6-Tetrachlorobiphenyl	52663-58-8	--	--	20	2
PCB 65 (BZ)	2,3,5,6-Tetrachlorobiphenyl	33284-54-7	--	--	60	6
PCB 66 (BZ)	2,3',4,4'-Tetrachlorobiphenyl	32598-10-0	--	--	20	2
PCB 67 (BZ)	2,3',4,5-Tetrachlorobiphenyl	73575-53-8	--	--	20	1
PCB 68 (BZ)	2,3',4,5'-Tetrachlorobiphenyl	73575-52-7	--	--	20	1

Table 15-1. Project Screening Level and Laboratory Limits – Method 1668 PCBs in Soil
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analytical Group: *PCBs*

PCB Congener Number	Analyte	CAS Number	Project Action Limit (pg/g)	Project Action Limit Source	Laboratory-specific	
					LOD (pg/g)	LOQ (pg/g)
PCB 69 (BZ)	2,3',4,6-Tetrachlorobiphenyl	60233-24-1	--	--	40	2
PCB 70 (BZ)	2,3',4',5-Tetrachlorobiphenyl	32598-11-1	--	--	80	4
PCB 71 (BZ)	2,3',4',6-Tetrachlorobiphenyl	41464-46-4	--	--	40	2
PCB 72 (BZ)	2,3',5,5'-Tetrachlorobiphenyl	41464-42-0	--	--	20	1
PCB 73 (BZ)	2,3',5',6-Tetrachlorobiphenyl	74338-23-1	--	--	20	1
PCB 74 (BZ)	2,4,4',5-Tetrachlorobiphenyl	32690-93-0	--	--	80	4
PCB 75 (BZ)	2,4,4',6-Tetrachlorobiphenyl	32598-12-2	--	--	60	3
PCB 76 (BZ)	2',3,4,5-Tetrachlorobiphenyl	70362-48-0	--	--	80	4
PCB 77 (BZ)	3,3',4,4'-Tetrachlorobiphenyl	32598-13-3	17	Eco	2	1
PCB 78 (BZ)	3,3',4,5-Tetrachlorobiphenyl	70362-49-1	--	--	20	1
PCB 79 (BZ)	3,3',4,5'-Tetrachlorobiphenyl	41464-48-6	--	--	20	1
PCB 80 (BZ)	3,3',5,5'-Tetrachlorobiphenyl	33284-52-5	--	--	20	1
PCB 81 (BZ)	3,4,4',5-Tetrachlorobiphenyl	70362-50-4	150	Eco	2	1
PCB 82 (BZ)	2,2',3,3',4-Pentachlorobiphenyl	52663-62-4	--	--	20	1
PCB 83 (BZ)	2,2',3,3',5-Pentachlorobiphenyl	60145-20-2	--	--	20	1
PCB 84 (BZ)	2,2',3,3',6-Pentachlorobiphenyl	52663-60-2	--	--	20	1
PCB 85 (BZ)	2,2',3,4,4'-Pentachlorobiphenyl	65510-45-4	--	--	60	3
PCB 86 (BZ)	2,2',3,4,5-Pentachlorobiphenyl	55312-69-1	--	--	120	6
PCB 87 (BZ)	2,2',3,4,5'-Pentachlorobiphenyl	38380-02-8	--	--	120	6
PCB 88 (BZ)	2,2',3,4,6-Pentachlorobiphenyl	55215-17-3	--	--	40	2
PCB 89 (BZ)	2,2',3,4,6'-Pentachlorobiphenyl	73575-57-2	--	--	20	1
PCB 90 (BZ)	2,2',3,4',5-Pentachlorobiphenyl	68194-07-0	--	--	60	3
PCB 91 (BZ)	2,2',3,4',6-Pentachlorobiphenyl	68194-05-8	--	--	40	2
PCB 92 (BZ)	2,2',3,5,5'-Pentachlorobiphenyl	52663-61-3	--	--	20	1
PCB 93 (BZ)	2,2',3,5,6-Pentachlorobiphenyl	73575-56-1	--	--	40	2
PCB 94 (BZ)	2,2',3,5,6'-Pentachlorobiphenyl	73575-55-0	--	--	20	1
PCB 95 (BZ)	2,2',3,5',6-Pentachlorobiphenyl	38379-99-6	--	--	20	2
PCB 96 (BZ)	2,2',3,6,6'-Pentachlorobiphenyl	73575-54-9	--	--	20	1
PCB 97 (BZ)	2,2',3',4,5-Pentachlorobiphenyl	41464-51-1	--	--	120	6

Table 15-1. Project Screening Level and Laboratory Limits – Method 1668 PCBs in Soil
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analytical Group: *PCBs*

PCB Congener Number	Analyte	CAS Number	Project Action Limit (pg/g)	Project Action Limit Source	Laboratory-specific	
					LOD (pg/g)	LOQ (pg/g)
PCB 98 (BZ)	2,2',3',4,6-Pentachlorobiphenyl	60233-25-2	--	--	40	2
PCB 99 (BZ)	2,2',4,4',5-Pentachlorobiphenyl	38380-01-7	--	--	20	1
PCB 100 (BZ)	2,2',4,4',6-Pentachlorobiphenyl	39485-83-1	--	--	40	2
PCB 101 (BZ)	2,2',4,5,5'-Pentachlorobiphenyl	37680-73-2	--	--	60	3
PCB 102 (BZ)	2,2',4,5,6'-Pentachlorobiphenyl	68194-06-9	--	--	40	2
PCB 103 (BZ)	2,2',4,5',6-Pentachlorobiphenyl	60145-21-3	--	--	20	1
PCB 104 (BZ)	2,2',4,6,6'-Pentachlorobiphenyl	56558-16-8	--	--	20	1
PCB 105 (BZ)	2,3,3',4,4'-Pentachlorobiphenyl	32598-14-4	4,300	Eco	2	1
PCB 106 (BZ)	2,3,3',4,5-Pentachlorobiphenyl	70424-69-0	--	--	20	1
PCB 107 (BZ) 109 (EPA)	2,3,3',4',5-Pentachlorobiphenyl	70424-68-9	--	--	40	2
PCB 108 (BZ) 107 (EPA)	2,3,3',4,5'-Pentachlorobiphenyl	70362-41-3	--	--	120	6
PCB 109 (BZ) 108 (EPA)	2,3,3',4,6-Pentachlorobiphenyl	74472-35-8	--	--	20	1
PCB 110 (BZ)	2,3,3',4',6-Pentachlorobiphenyl	38380-03-9	--	--	40	2
PCB 111 (BZ)	2,3,3',5,5'-Pentachlorobiphenyl	39635-32-0	--	--	20	1
PCB 112 (BZ)	2,3,3',5,6-Pentachlorobiphenyl	74472-36-9	--	--	20	1
PCB 113 (BZ)	2,3,3',5',6-Pentachlorobiphenyl	68194-10-5	--	--	60	3
PCB 114 (BZ)	2,3,4,4',5-Pentachlorobiphenyl	74472-37-0	3,000	Eco	2	1
PCB 115 (BZ)	2,3,4,4',6-Pentachlorobiphenyl	74472-38-1	--	--	40	2
PCB 116 (BZ)	2,3,4,5,6-Pentachlorobiphenyl	18259-05-7	--	--	60	3
PCB 117 (BZ)	2,3,4',5,6-Pentachlorobiphenyl	68194-11-6	--	--	60	3
PCB 118 (BZ)	2,3',4,4',5-Pentachlorobiphenyl	31508-00-6	2,200	Eco	2	1
PCB 119 (BZ)	2,3',4,4',6-Pentachlorobiphenyl	56558-17-9	--	--	120	6
PCB 120 (BZ)	2,3',4,5,5'-Pentachlorobiphenyl	68194-12-7	--	--	20	1
PCB 121 (BZ)	2,3',4,5',6-Pentachlorobiphenyl	56558-18-0	--	--	20	1
PCB 122 (BZ)	2',3,3',4,5-Pentachlorobiphenyl	76842-07-4	--	--	20	1
PCB 123 (BZ)	2',3,4,4',5-Pentachlorobiphenyl	65510-44-3	3,000	Eco	2	1
PCB 124 (BZ)	2',3,4,5,5'-Pentachlorobiphenyl	70424-70-3	--	--	40	2
PCB 125 (BZ)	2',3,4,5,6'-Pentachlorobiphenyl	74472-39-2	--	--	120	6
PCB 126 (BZ)*	3,3',4,4',5-Pentachlorobiphenyl	57465-28-8	0.87	Eco	2	1

Table 15-1. Project Screening Level and Laboratory Limits – Method 1668 PCBs in Soil
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analytical Group: *PCBs*

PCB Congener Number	Analyte	CAS Number	Project Action Limit (pg/g)	Project Action Limit Source	Laboratory-specific	
					LOD (pg/g)	LOQ (pg/g)
PCB 127 (BZ)	3,3',4,5,5'-Pentachlorobiphenyl	39635-33-1	--	--	20	1
PCB 128 (BZ)	2,2',3,3',4,4'-Hexachlorobiphenyl	38380-07-3	--	--	40	2
PCB 129 (BZ)	2,2',3,3',4,5-Hexachlorobiphenyl	55215-18-4	--	--	60	3
PCB 130 (BZ)	2,2',3,3',4,5'-Hexachlorobiphenyl	52663-66-8	--	--	20	1
PCB 131 (BZ)	2,2',3,3',4,6-Hexachlorobiphenyl	61798-70-7	--	--	20	1
PCB 132 (BZ)	2,2',3,3',4,6'-Hexachlorobiphenyl	38380-05-1	--	--	20	1
PCB 133 (BZ)	2,2',3,3',5,5'-Hexachlorobiphenyl	35694-04-3	--	--	20	1
PCB 134 (BZ)	2,2',3,3',5,6-Hexachlorobiphenyl	52704-70-8	--	--	40	2
PCB 135 (BZ)	2,2',3,3',5,6'-Hexachlorobiphenyl	52744-13-5	--	--	40	2
PCB 136 (BZ)	2,2',3,3',6,6'-Hexachlorobiphenyl	38411-22-2	--	--	20	1
PCB 137 (BZ)	2,2',3,4,4',5-Hexachlorobiphenyl	35694-06-5	--	--	20	1
PCB 138 (BZ)	2,2',3,4,4',5'-Hexachlorobiphenyl	35065-28-2	--	--	60	3
PCB 139 (BZ)	2,2',3,4,4',6-Hexachlorobiphenyl	56030-56-9	--	--	40	2
PCB 140 (BZ)	2,2',3,4,4',6'-Hexachlorobiphenyl	59291-64-4	--	--	40	2
PCB 141 (BZ)	2,2',3,4,5,5'-Hexachlorobiphenyl	52712-04-6	--	--	20	1
PCB 142 (BZ)	2,2',3,4,5,6-Hexachlorobiphenyl	41411-61-4	--	--	20	1
PCB 143 (BZ)	2,2',3,4,5,6'-Hexachlorobiphenyl	68194-15-0	--	--	40	2
PCB 144 (BZ)	2,2',3,4,5',6-Hexachlorobiphenyl	68194-14-9	--	--	20	1
PCB 145 (BZ)	2,2',3,4,6,6'-Hexachlorobiphenyl	74472-40-5	--	--	20	1
PCB 146 (BZ)	2,2',3,4',5,5'-Hexachlorobiphenyl	51908-16-8	--	--	20	1
PCB 147 (BZ)	2,2',3,4',5,6-Hexachlorobiphenyl	68194-13-8	--	--	40	2
PCB 148 (BZ)	2,2',3,4',5,6'-Hexachlorobiphenyl	74472-41-6	--	--	20	1
PCB 149 (BZ)	2,2',3,4',5',6-Hexachlorobiphenyl	38380-04-0	--	--	40	2
PCB 150 (BZ)	2,2',3,4',6,6'-Hexachlorobiphenyl	68194-08-1	--	--	20	1
PCB 151 (BZ)	2,2',3,5,5',6-Hexachlorobiphenyl	52663-63-5	--	--	40	2
PCB 152 (BZ)	2,2',3,5,6,6'-Hexachlorobiphenyl	68194-09-2	--	--	20	1
PCB 153 (BZ)	2,2',4,4',5,5'-Hexachlorobiphenyl	35065-27-1	--	--	40	2
PCB 154 (BZ)	2,2',4,4',5,6'-Hexachlorobiphenyl	60145-22-4	--	--	20	1
PCB 155 (BZ)	2,2',4,4',6,6'-Hexachlorobiphenyl	33979-03-2	--	--	20	1

Table 15-1. Project Screening Level and Laboratory Limits – Method 1668 PCBs in Soil

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analytical Group: *PCBs*

PCB Congener Number	Analyte	CAS Number	Project Action Limit (pg/g)	Project Action Limit Source	Laboratory-specific	
					LOD (pg/g)	LOQ (pg/g)
PCB 156 (BZ)	2,3,3',4,4',5-Hexachlorobiphenyl	38380-08-4	1,400	Eco	4	2
PCB 157 (BZ)	2,3,3',4,4',5'-Hexachlorobiphenyl	69782-90-7	1,400	Eco	4	2
PCB 158 (BZ)	2,3,3',4,4',6-Hexachlorobiphenyl	74472-42-7	--	--	20	1
PCB 159 (BZ)	2,3,3',4,5,5'-Hexachlorobiphenyl	39635-35-3	--	--	20	1
PCB 160 (BZ)	2,3,3',4,5,6-Hexachlorobiphenyl	41411-62-5	--	--	20	2
PCB 161 (BZ)	2,3,3',4,5',6-Hexachlorobiphenyl	74472-43-8	--	--	20	1
PCB 162 (BZ)	2,3,3',4',5,5'-Hexachlorobiphenyl	39635-34-2	--	--	20	1
PCB 163 (BZ)	2,3,3',4',5,6-Hexachlorobiphenyl	74472-44-9	--	--	60	3
PCB 164 (BZ)	2,3,3',4',5',6-Hexachlorobiphenyl	74472-45-0	--	--	20	1
PCB 165 (BZ)	2,3,3',5,5',6-Hexachlorobiphenyl	74472-46-1	--	--	20	1
PCB 166 (BZ)	2,3,4,4',5,6-Hexachlorobiphenyl	41411-63-6	--	--	40	2
PCB 167 (BZ)	2,3',4,4',5,5'-Hexachlorobiphenyl	52663-72-6	1,700	Eco	2	1
PCB 168 (BZ)	2,3',4,4',5',6-Hexachlorobiphenyl	59291-65-5	--	--	40	2
PCB 169 (BZ)	3,3',4,4',5,5'-Hexachlorobiphenyl	32774-16-6	2.0	Eco	2	1
PCB 170 (BZ)	2,2',3,3',4,4',5-Heptachlorobiphenyl	35065-30-6	--	--	20	1
PCB 171 (BZ)	2,2',3,3',4,4',6-Heptachlorobiphenyl	52663-71-5	--	--	40	2
PCB 172 (BZ)	2,2',3,3',4,5,5'-Heptachlorobiphenyl	52663-74-8	--	--	20	1
PCB 173 (BZ)	2,2',3,3',4,5,6-Heptachlorobiphenyl	68194-16-1	--	--	40	2
PCB 174 (BZ)	2,2',3,3',4,5,6'-Heptachlorobiphenyl	38411-25-5	--	--	20	2
PCB 175 (BZ)	2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	--	--	20	1
PCB 176 (BZ)	2,2',3,3',4,6,6'-Heptachlorobiphenyl	52663-65-7	--	--	20	1
PCB 177 (BZ)	2,2',3,3',4',5,6-Heptachlorobiphenyl	52663-70-4	--	--	20	1
PCB 178 (BZ)	2,2',3,3',5,5',6-Heptachlorobiphenyl	52663-67-9	--	--	20	1
PCB 179 (BZ)	2,2',3,3',5,6,6'-Heptachlorobiphenyl	52663-64-6	--	--	20	1
PCB 180 (BZ)	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065-29-3	--	--	40	2
PCB 181 (BZ)	2,2',3,4,4',5,6-Heptachlorobiphenyl	74472-47-2	--	--	20	1
PCB 182 (BZ)	2,2',3,4,4',5,6'-Heptachlorobiphenyl	60145-23-5	--	--	20	1
PCB 183 (BZ)	2,2',3,4,4',5',6-Heptachlorobiphenyl	52663-69-1	--	--	20	1
PCB 184 (BZ)	2,2',3,4,4',6,6'-Heptachlorobiphenyl	74472-48-3	--	--	20	1

Table 15-1. Project Screening Level and Laboratory Limits – Method 1668 PCBs in Soil

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analytical Group: *PCBs*

PCB Congener Number	Analyte	CAS Number	Project Action Limit (pg/g)	Project Action Limit Source	Laboratory-specific	
					LOD (pg/g)	LOQ (pg/g)
PCB 185 (BZ)	2,2',3,4,5,5',6-Heptachlorobiphenyl	52712-05-7	--	--	20	1
PCB 186 (BZ)	2,2',3,4,5,6,6'-Heptachlorobiphenyl	74472-49-4	--	--	20	1
PCB 187 (BZ)	2,2',3,4',5,5',6-Heptachlorobiphenyl	52663-68-0	--	--	20	1
PCB 188 (BZ)	2,2',3,4',5,6,6'-Heptachlorobiphenyl	74487-85-7	--	--	20	1
PCB 189 (BZ)	2,3,3',4,4',5,5'-Heptachlorobiphenyl	39635-31-9	600	Eco	2	1
PCB 190 (BZ)	2,3,3',4,4',5,6-Heptachlorobiphenyl	41411-64-7	--	--	20	1
PCB 191 (BZ)	2,3,3',4,4',5',6-Heptachlorobiphenyl	74472-50-7	--	--	20	1
PCB 192 (BZ)	2,3,3',4,5,5',6-Heptachlorobiphenyl	74472-51-8	--	--	20	1
PCB 193 (BZ)	2,3,3',4',5,5',6-Heptachlorobiphenyl	69782-91-8	--	--	40	2
PCB 194 (BZ)	2,2',3,3',4,4',5,5'-Octachlorobiphenyl	35694-08-7	--	--	20	1
PCB 195 (BZ)	2,2',3,3',4,4',5,6-Octachlorobiphenyl	52663-78-2	--	--	20	1
PCB 196 (BZ)	2,2',3,3',4,4',5,6'-Octachlorobiphenyl	42740-50-1	--	--	20	1
PCB 197 (BZ)	2,2',3,3',4,4',6,6'-Octachlorobiphenyl	33091-17-7	--	--	20	1
PCB 198 (BZ)	2,2',3,3',4,5,5',6-Octachlorobiphenyl	68194-17-2	--	--	40	2
PCB 199 (BZ) 200 (EPA)	2,2',3,3',4,5,6,6'-Octachlorobiphenyl	52663-73-7	--	--	20	1
PCB 200 (BZ) 201 (EPA)	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	40186-71-8	--	--	20	1
PCB 201 (BZ) 199 (EPA)	2,2',3,3',4,5,5',6'-Octachlorobiphenyl	52663-75-9	--	--	40	2
PCB 202 (BZ)	2,2',3,3',5,5',6,6'-octachlorobiphenyl	2136-99-4	--	--	20	1
PCB 203 (BZ)	2,2',3,4,4',5,5',6-Octachlorobiphenyl	52663-76-0	--	--	20	1
PCB 204 (BZ)	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	74472-52-9	--	--	20	1
PCB 205 (BZ)	2,3,3',4,4',5,5',6-Octachlorobiphenyl	74472-53-0	--	--	20	1
PCB 206 (BZ)	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	40186-72-9	--	--	20	1
PCB 207 (BZ)	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	52663-79-3	--	--	20	1
PCB 208 (BZ)	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	52663-77-1	--	--	20	1
PCB 209 (BZ)	Decachlorobiphenyl	2051-24-3	--	--	20	2

* Project Action Level (PAL) is less than the laboratory-specified Level of Quantitation (LOQ).

Notes:

Because of the toxicological significance of PCBs, if results below the LOQ are to be reported, they will be reported to the LOD.

Table 15-2. Project Screening Level and Laboratory Limits – Method 8323M in Soil
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analyte Group: Butyltins

Analyte	CAS Number	**Project Action Limit** (µg/kg)	**Project Action Limit** Reference	MDL (µg/kg)	LOD (µg/kg)	LOQ (µg/kg)
Dibutyltin	1002-53-5	1,824	HH	1.3		1.3
Tetra-n-butyltin	1461-25-2	2,208	HH	1.7		1.7
Tributyltin	688-73-3	2,208	HH	1.5		1.5

Table 15-3. Project Screening Level and Laboratory Limits – Method SW6020/7471 in Soil
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analyte Group: Metals

Analyte	CAS Number	Project Action Limit (mg/kg)	Project Action Limit Reference	MDL (mg/kg)	LOD (mg/kg)	LOQ (mg/kg)
Aluminum	7429-90-5	50	Eco	3.77	10	11
Antimony	7440-36-0	0.27	Eco	0.0376	0.12	0.2
Arsenic*	7440-38-2	0.43	HH	0.0506	0.2	0.6
Barium	7440-39-3	330	Eco	0.0723	0.2	0.4
Beryllium	7440-41-7	15	HH	0.0225	0.08	0.1
Cadmium	7440-43-9	0.36	Eco	0.0203	0.06	0.1
Calcium	7440-70-2	--	--	8.9	25	50
Chromium*	7440-47-3	0.29	HH	0.0964	0.2	0.6
Cobalt	7440-48-4	2.2	HH	0.00663	0.025	0.1
Copper	7440-50-8	28	Eco	0.2	0.45	0.6
Iron	7439-89-6	5280	HH	3.94	14	15
Lead	7439-92-1	11	Eco	0.0385	0.12	0.4
Magnesium	7439-95-4	--	--	2.5	10	50
Manganese	7439-96-5	173	HH	0.0961	0.3	0.5
Molybdenum	7439-98-7	2.6	Eco	0.0657	0.18	0.2
Nickel	7440-02-0	38	Eco	0.169	0.35	0.6
Potassium	7440-09-7	--	--	5.29	19	25
Selenium	7782-49-2	0.52	Eco	0.0347	0.12	0.5
Silver	7440-22-4	4.2	Eco	0.00539	0.02	0.1
Sodium	7440-23-5	--	--	9.04	36	40
Thallium*	7440-28-0	0.05	Eco	0.0177	0.06	0.1

Table 15-3. Project Screening Level and Laboratory Limits – Method SW6020/7471 in Soil
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analyte Group: Metals

Analyte	CAS Number	Project Action Limit (mg/kg)	Project Action Limit Reference	MDL (mg/kg)	LOD (mg/kg)	LOQ (mg/kg)
Vanadium	7440-62-2	7.8	Eco	0.104	0.3	0.5
Zinc	7440-66-6	46	Eco	0.688	1.4	2
Mercury*	7439-97-6	0.013	Eco	0.00553	0.0133	0.017

* Project Action Level (PAL) is less than the laboratory-specified Level of Quantitation (LOQ).

Table 15-4. Project Screening Level and Laboratory Limits – Method SW8015 in Soil
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analyte Group: TPH

Analyte	CAS Number	**Project Action Limit** (mg/kg)	**Project Action Limit** Reference	MDL (mg/kg)	LOD (mg/kg)	LOQ (mg/kg)
DRO (C10-C28)	STL00143	260	Eco	3.64	7	8
ORO (C20-C38)	STL02073	--	--	7.82	23.4	24
GRO (C6-C10)	8006-61-9	120	Eco	0.759	1.5	2

Table 15-5. Project Screening Level and Laboratory Limits – Method SW8081 in Soil
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analyte Group: Pesticides

Analyte	CAS Number	Project Action Limit (µg/kg)	Project Action Limit Reference	MDL (µg/kg)	LOD (µg/kg)	LOQ (µg/kg)
4,4'-DDD	72-54-8	21	Eco	1.09	2.67	3.4
4,4'-DDE	72-55-9	21	Eco	0.476	1.33	3.4
4,4'-DDT	50-29-3	21	Eco	1.18	2.67	4
Aldrin*	309-00-2	0.085	Eco	0.502	1.33	3.4
alpha-BHC	319-84-6	9.6	Eco	0.428	1.33	3.4
beta-BHC	319-85-7	9.6	Eco	1.33	2.67	4
cis-Chlordane	5103-71-9	270	Eco	0.646	1.33	3.4
delta-BHC	319-86-8	9.6	Eco	0.802	2.67	3.4
Dieldrin	60-57-1	4.9	Eco	0.42	1.33	3.4
Endosulfan I	959-98-8	640	Eco	0.352	1	3.4
Endosulfan II	33213-65-9	640	Eco	0.574	1.33	3.4

Table 15-5. Project Screening Level and Laboratory Limits – Method SW8081 in Soil
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analyte Group: Pesticides

Analyte	CAS Number	Project Action Limit (µg/kg)	Project Action Limit Reference	MDL (µg/kg)	LOD (µg/kg)	LOQ (µg/kg)
Endosulfan sulfate	1031-07-8	640	Eco	0.552	1.33	3.4
Endrin*	72-20-8	1.4	Eco	0.612	1.33	3.4
Endrin aldehyde*	7421-93-4	1.4	Eco	0.342	1.33	3.4
gamma-BHC (Lindane)	58-89-9	9.6	Eco	0.393	1.33	3.4
Heptachlor*	76-44-8	1.6	Eco	0.418	1.33	3.4
Heptachlor epoxide*	1024-57-3	0.15	Eco	0.852	2.67	3.4
Methoxychlor	72-43-5	5,100	Eco	0.9	2.67	6.6
Toxaphene	8001-35-2	470	HH	31.6	93.3	340
trans-Chlordane	5103-74-2	270	Eco	0.532	1.33	3.4

* Project Action Level (PAL) is less than the laboratory-specified Level of Quantitation (LOQ).

Table 15-6. Project Screening Level and Laboratory Limits – Method SW8260 in Soil
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analyte Group: Volatiles

Analyte	CAS Number	Project Action Limit (µg/kg)	Project Action Limit Reference	MDL (µg/kg)	LOD (µg/kg)	LOQ (µg/kg)
1,1,1,2-Tetrachloroethane	630-20-6	70	Eco	2.22	4	5
1,1,1-Trichloroethane	71-55-6	260,000	Eco	1.98	4	5
1,1,2,2-Tetrachloroethane	79-34-5	127	Eco	0.285	0.8	5
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	643,200	HH	1.66	6.4	20
1,1,2-Trichloroethane	79-00-5	144	HH	0.88	3.2	5
1,1-Dichloroethane	75-34-3	3,456	HH	0.21	0.8	5
1,1-Dichloroethene	75-35-4	11,000	Eco	0.59	1.6	5
1,1-Dichloropropene*	563-58-6	1.0	Eco	0.164	0.4	5
1,2,3-Trichlorobenzene	87-61-6	6,048	HH	0.81	3.2	5
1,2,3-Trichloropropane*	96-18-4	4.9	HH	0.218	0.8	5
1,2,4-Trichlorobenzene	120-82-1	270	Eco	0.73	1.6	5
1,2,4-Trimethylbenzene	95-63-6	90	Eco	2.31	4	5
1,2-Dibromo-3-chloropropane*	96-12-8	5.1	HH	3.66	9	10
1,2-Dichlorobenzene	95-50-1	920	Eco	1.87	4	5
1,2-Dichloroethane	107-06-2	442	HH	0.7	1.6	5

Table 15-6. Project Screening Level and Laboratory Limits – Method SW8260 in Soil
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analyte Group: Volatiles

Analyte	CAS Number	Project Action Limit (µg/kg)	Project Action Limit Reference	MDL (µg/kg)	LOD (µg/kg)	LOQ (µg/kg)
1,2-Dichloroethene, total	540-59-0	24,000	Eco	0.39	1.6	5
1,2-Dichloropropane	78-87-5	280	Eco	0.55	1.6	5
1,3,5-Trimethylbenzene	108-67-8	160	Eco	2.42	4	5
1,3-Dichlorobenzene	541-73-1	740	Eco	0.48	1.6	5
1,3-Dichloropropane	142-28-9	280	Eco	0.173	0.4	5
1,3-Dichloropropene, total*	542-75-6	1.0	Eco	0.67	1.6	5
1,4-Dichlorobenzene	106-46-7	890	Eco	0.245	0.8	5
2,2-Dichloropropane	594-20-7	280	Eco	0.44	1.6	5
2-Butanone (MEK)	78-93-3	350,000	Eco	3.89	12.8	20
2-Chlorotoluene	95-49-8	153,600	HH	0.51	1.6	5
2-Hexanone	591-78-6	360	Eco	4.89	12.8	20
3-Chloro-1-propene	107-05-1	163	HH	0.66	1.6	10
4-Chlorotoluene	106-43-4	153,600	HH	0.361	0.8	5
4-Isopropyltoluene	99-87-6	180	Eco	1.14	3.2	5
4-Methyl-2-pentanone (MIBK)	108-10-1	9,700	Eco	4.36	12.8	20
Acetone	67-64-1	1,200	Eco	35.6	70	72
Acrylonitrile	107-13-1	240	HH	10	32	100
Benzene	71-43-2	1,152	HH	0.151	0.4	5
Bromobenzene	108-86-1	27,840	HH	0.49	1.6	5
Bromoform	75-25-2	70	Eco	2.55	5	5.1
Bromomethane*	74-83-9	2.0	Eco	1.35	3.2	10
Carbon disulfide	75-15-0	810	Eco	1.66	4	5
Carbon tetrachloride	56-23-5	624	HH	2.01	4	5
Chlorobenzene	108-90-7	2,400	Eco	2.06	4	5
Bromochloromethane	74-97-5	3,400	HH	2.46	4	5
Chlorodibromomethane	124-48-1	3,700	HH	2.27	4	5
Chloroethane	75-00-3	518,400	HH	1.99	6.4	10
Chloroform	67-66-3	307	HH	0.29	0.8	10
Chloromethane	74-87-3	10,560	HH	0.77	1.6	10
cis-1,2-Dichloroethene	156-59-2	6,048	HH	0.201	0.8	5
cis-1,3-Dichloropropene*	10061-01-5	1.0	Eco	0.1	0.4	5

Table 15-6. Project Screening Level and Laboratory Limits – Method SW8260 in Soil
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analyte Group: Volatiles

Analyte	CAS Number	Project Action Limit (µg/kg)	Project Action Limit Reference	MDL (µg/kg)	LOD (µg/kg)	LOQ (µg/kg)
Cyclohexane	110-82-7	624,000	HH	1.76	5	5
Dibromomethane	74-95-3	2,304	HH	0.317	0.8	5
Dichlorobromomethane	75-27-4	278	HH	2.13	4	5
Dichlorodifluoromethane	75-71-8	8,352	HH	2.74	6.4	10
Ethyl ether	60-29-7	1,536,000	HH	1.87	6.4	10
Ethyl methacrylate	97-63-2	172,800	HH	0.6	1.6	5
Ethylbenzene	100-41-4	270	Eco	0.305	0.8	5
Ethylene dibromide	106-93-4	35	HH	0.52	1.6	5
Hexachlorobutadiene	87-68-3	9.0	Eco	2.17	4	5
Hexane	110-54-3	7.0	Eco	0.136	0.4	5
Iodomethane	74-88-4	38	Eco	1.66	5	5
Isopropylbenzene	98-82-8	40	Eco	2.41	4	5
Methyl acetate	79-20-9	7,488,000	HH	2.75	8	8.5
Methyl tert-butyl ether	1634-04-4	45,120	HH	2.11	6.4	20
Methylcyclohexane	108-87-2	9,408	HH	0.42	1.6	5
Methylene chloride	75-09-2	2,600	Eco	1.6	3.2	5
m-Xylene & p-Xylene	179601-23-1	1,400	Eco	1.04	3	3.2
Naphthalene	91-20-3	1,920	HH	3.31	5	6.7
n-Butylbenzene	104-51-8	374,400	HH	0.56	1.6	5
n-Propylbenzene	103-65-1	364,800	HH	0.58	1.6	5
o-Xylene	95-47-6	1,400	Eco	0.266	0.8	5
sec-Butylbenzene	135-98-8	748,800	HH	0.77	1.6	5
Styrene	100-42-5	1,200	Eco	0.28	0.8	5
tert-Butylbenzene	98-06-6	748,800	HH	0.5	1.6	5
Tetrachloroethene	127-18-4	180	Eco	1.91	4	5
Tetrahydrofuran	109-99-9	1,728,000	HH	3.19	6.4	20
Toluene	108-88-3	23,000	Eco	0.227	0.8	5
Total BTEX	STL00431	--	--	0.151	0.4	3
trans-1,2-Dichloroethene	156-60-5	6,720	HH	0.39	0.8	5
trans-1,3-Dichloropropene*	10061-02-6	1.0	Eco	0.083	0.2	5
trans-1,4-Dichloro-2-butene	110-57-6	7.1	HH	2.1	5	5

Table 15-6. Project Screening Level and Laboratory Limits – Method SW8260 in Soil
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analyte Group: Volatiles

Analyte	CAS Number	Project Action Limit (µg/kg)	Project Action Limit Reference	MDL (µg/kg)	LOD (µg/kg)	LOQ (µg/kg)
Trichloroethene	79-01-6	394	HH	1.91	4	5
Trichlorofluoromethane	75-69-4	52,000	Eco	3.2	9	10
Trihalomethanes, total	STL00209	--	--	0.29	0.8	5
Vinyl acetate	108-05-4	87,360	HH	0.534	1.6	10
Vinyl chloride	75-01-4	57	HH	1.34	3.2	5

* Project Action Level (PAL) is less than the laboratory-specified Level of Quantitation (LOQ).

Table 15-7. Project Screening Level and Laboratory Limits – Method SW8270 in Soil
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analyte Group: Semivolatiles

Analyte	CAS Number	Project Action Limit (µg/kg)	Project Action Limit Reference	MDL (µg/kg)	LOD (µg/kg)	LOQ (µg/kg)
1,2,4,5-Tetrachlorobenzene*	95-94-3	180	Eco	49	133	330
1,2,4-Trichlorobenzene*	120-82-1	270	Eco	28	67	330
1,2-Dichlorobenzene	95-50-1	920	Eco	22	67	330
1,2-Diphenylhydrazine	122-66-7	653	HH	22	67	330
1,3-Dichlorobenzene	541-73-1	740	Eco	12	33	330
1,4-Dichlorobenzene	106-46-7	890	Eco	13.6	33	330
1-Methylnaphthalene*	90-12-0	17	HH	11.2	33	330
2,2'-oxybis(1-chloropropane)	108-60-1	297,600	HH	23	67	330
2,4,5-Trichlorophenol	95-95-4	4,000	Eco	10	33	330
2,4,6-Trichlorophenol	88-06-2	6,048	HH	10	33	330
2,4-Dichlorophenol*	120-83-2	50	Eco	10	33	330
2,4-Dimethylphenol*	105-67-9	40	Eco	66	133	330
2,4-Dinitrophenol*	51-28-5	61	Eco	333	1,000	1,600
2,4-Dinitrotoluene	121-14-2	1,632	HH	66	133	330
2,6-Dichlorophenol	87-65-0	--	--	22.4	67	330
2,6-Dinitrotoluene	606-20-2	346	HH	28	67	330
2-Chloronaphthalene	91-58-7	460,800	HH	10	33	330
2-Chlorophenol	95-57-8	390	Eco	21	67	330
2-Methylnaphthalene	91-57-6	23,040	HH	19	67	330

Table 15-7. Project Screening Level and Laboratory Limits – Method SW8270 in Soil
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analyte Group: Semivolatiles

Analyte	CAS Number	Project Action Limit (µg/kg)	Project Action Limit Reference	MDL (µg/kg)	LOD (µg/kg)	LOQ (µg/kg)
2-Methylphenol	95-48-7	670	Eco	13	33	330
3 & 4 Methylphenol*	15831-10-4	690	Eco	33	67	330
3,3'-Dichlorobenzidine*	91-94-1	30	Eco	90	267	1,600
3-Nitroaniline*	99-09-2	20	Eco	73	267	1,600
4,6-Dinitro-2-methylphenol*	534-52-1	490	HH	330	1,000	1,600
4-Chloroaniline	106-47-8	1,000	Eco	81.9	267	330
4-Chlorophenyl phenyl ether	7005-72-3	--	--	21	67	330
4-Nitroaniline*	100-01-6	20	Eco	72.5	267	1,600
4-Nitrophenol	100-02-7	5,120	Eco	97	267	1,600
Acenaphthene	83-32-9	29,000	Eco	10.3	33	330
Acenaphthylene	208-96-8	1,920	HH	82.1	267	330
Anthracene	120-12-7	29,000	Eco	17	67	330
Benzidine*	92-87-5	0.51	HH	990	2,000	4,000
Benzo(a)anthracene	56-55-3	1,056	HH	20	67	330
Benzo(a)pyrene*	50-32-8	106	HH	20	67	330
Benzo(b)fluoranthene	205-99-2	1,056	HH	26.2	67	330
Benzo(g,h,i)perylene	191-24-2	1,100	Eco	16	33	330
Benzo(k)fluoranthene	207-08-9	1,100	Eco	40	133	330
Benzoic acid[1]	65-85-0	1,000	Eco	330	1,000	1,600
Benzyl alcohol	100-51-6	120,000	Eco	10	33	330
Bis(2-chloroethoxy)methane	111-91-1	18,240	HH	23	67	330
Bis(2-chloroethyl)ether*	111-44-4	221	HH	16.6	33	330
Bis(2-ethylhexyl) phthalate*	117-81-7	20	Eco	46	133	330
Butyl benzyl phthalate	85-68-7	90,000	Eco	43	133	330
Carbazole	86-74-8	7,488	HH	36	133	330
Chrysene	218-01-9	1,100	Eco	27	67	330
Dibenz(a,h)anthracene*	53-70-3	106	HH	19	67	330
Dibenzofuran	132-64-9	6,100	Eco	20	67	330
Diethyl phthalate	84-66-2	100,000	Eco	26	67	660
Dimethyl phthalate	131-11-3	10,000	Eco	23	67	330
Di-n-butyl phthalate*	84-74-2	11	Eco	29	67	330

Table 15-7. Project Screening Level and Laboratory Limits – Method SW8270 in Soil
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analyte Group: Semivolatiles

Analyte	CAS Number	Project Action Limit (µg/kg)	Project Action Limit Reference	MDL (µg/kg)	LOD (µg/kg)	LOQ (µg/kg)
Di-n-octyl phthalate	117-84-0	910	Eco	40.5	133	330
Fluoranthene	206-44-0	1,100	Eco	36	133	330
Fluorene	86-73-7	29,000	Eco	18	67	330
Hexachlorobenzene*	118-74-1	75	HH	29	67	330
Hexachlorobutadiene*	87-68-3	9.0	Eco	10	33	330
Hexachlorocyclopentadiene*	77-47-4	1.0	Eco	111	333	1,700
Hexachloroethane*	67-72-1	24	Eco	21.3	67	330
Indeno(1,2,3-cd)pyrene	193-39-5	1,056	HH	22	67	330
Isophorone	78-59-1	547,200	HH	17	67	330
Naphthalene	91-20-3	1,920	HH	31	67	330
Nitrobenzene	98-95-3	2,200	Eco	22	67	330
n-Nitrosodimethylamine*	62-75-9	1.9	HH	37	133	520
n-Nitrosodi-n-propylamine*	621-64-7	75	HH	68	167	330
n-Nitrosodiphenylamine	86-30-6	545	Eco	21	67	330
n-Nitrosopyrrolidine*	930-55-2	250	HH	64	167	330
Pentachlorophenol*	87-86-5	960	HH	330	1,000	1,600
Phenanthrene	85-01-8	29,000	Eco	17	67	330
Phenol	108-95-2	790	Eco	18	67	330
Pyrene	129-00-0	1,100	Eco	12.1	33	400

* Project Action Level (PAL) is less than the laboratory-specified Level of Quantitation (LOQ).

Table 15-8. Project Screening Level and Laboratory Limits – Method SW8270SIM in Soil
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analyte Group: Semivolatiles

Analyte	CAS Number	Project Action Limit (µg/kg)	Project Action Limit Reference	MDL (µg/kg)	LOD (µg/kg)	LOQ (µg/kg)
1-Methylnaphthalene	90-12-0	17	HH	0.52	2	10
2-Methylnaphthalene	91-57-6	23,040	HH	0.618	2	10
Acenaphthene	83-32-9	29,000	Eco	0.924	2	10
Acenaphthylene	208-96-8	1,920	HH	0.775	2	10
Anthracene	120-12-7	29,000	Eco	1.44	4.33	10

Table 15-8. Project Screening Level and Laboratory Limits – Method SW8270SIM in Soil
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analyte Group: Semivolatiles

Analyte	CAS Number	Project Action Limit (µg/kg)	Project Action Limit Reference	MDL (µg/kg)	LOD (µg/kg)	LOQ (µg/kg)
Benzo(a)anthracene	56-55-3	1,056	HH	1.8	4.33	10
Benzo(a)pyrene	50-32-8	106	HH	1.48	4.33	10
Benzo(b)fluoranthene	205-99-2	1,056	HH	2.4	6.67	10
Benzo(g,h,i)perylene	191-24-2	1,100	Eco	2.2	6.67	10
Benzo(k)fluoranthene	207-08-9	1,100	Eco	2	4.33	10
Chrysene	218-01-9	1,100	Eco	2	4.33	10
Dibenz(a,h)anthracene	53-70-3	106	HH	2.6	6.67	10
Fluoranthene	206-44-0	1,100	Eco	2	4.33	10
Fluorene	86-73-7	29,000	Eco	0.94	2.67	10
Indeno(1,2,3-cd)pyrene	193-39-5	1,056	HH	2.2	6.67	10
Naphthalene	91-20-3	1,920	HH	0.652	2	10
Phenanthrene	85-01-8	29,000	Eco	2.2	6.67	10
Pyrene	129-00-0	1,100	Eco	2.2	6.67	10

Table 15-9. Project Screening Level and Laboratory Limits – Method SW8321 in Soil
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Solid
Analyte Group: Herbicides

Analyte	CAS Number	Project Action Limit (µg/kg)	Project Action Limit Reference	MDL (µg/kg)	LOD (µg/kg)	LOQ (µg/kg)
2,4,5-T	93-76-5	60,480	HH	1.18	2	5
2,4-D	94-75-7	67,200	HH	1.07	2	5
2,4-DB	94-82-6	--	--	4.06	8	12
Dicamba	1918-00-9	182,400	HH	1.25	2	6
Dichlorprop	120-36-5	--	--	0.788	2	5
Dinoseb	88-85-7	15	Eco	0.889	2	9
MCPA	94-74-6	3,072	HH	1.12	2	5
MCPP	93-65-2	6,048	HH	1.2	2	5
Silvex (2,4,5-TP)	93-72-1	55	Eco	0.905	2	5

Table 15-10. Project Screening Level and Laboratory Limits – Method 1668 PCBs in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analytical Group: *PCBs*

PCB Congener Number	Analyte	CAS Number	Project Action Limit (pg/L)	Project Action Limit Reference	Laboratory-specific	
					LOQ (pg/L)	LOD (pg/L)
PCB 1 (BZ)	2-Chlorobiphenyl	2051-60-7	--	--	200	10
PCB 2 (BZ)	3-Chlorobiphenyl	2051-61-8	--	--	200	20
PCB 3 (BZ)	Biphenyl, 4-chloro	2051-62-9	--	--	200	10
PCB 4 (BZ)	2,2'-Dichlorobiphenyl	13029-08-8	--	--	200	25
PCB 5 (BZ)	2,3-Dichlorobiphenyl	16605-91-7	--	--	200	25
PCB 6 (BZ)	2,3'-Dichlorobiphenyl	25569-80-6	--	--	200	25
PCB 7 (BZ)	2,4-Dichlorobiphenyl	33284-50-3	--	--	200	25
PCB 8 (BZ)	2,4'-Dichlorbiphenyl	34883-43-7	--	--	200	25
PCB 9 (BZ)	2,5-Dichlorobiphenyl	34883-39-1	--	--	200	50
PCB 10 (BZ)	2,6-Dichlorobiphenyl	33146-45-1	--	--	200	50
PCB 11 (BZ)	3,3'-Dichlorobiphenyl	2050-67-1	--	--	200	25
PCB 12 (BZ)	3,4-Dichlorobiphenyl	2974-92-7	--	--	400	40
PCB 13 (BZ)	3,4'-Dichlorobiphenyl	2974-90-5	--	--	400	40
PCB 14 (BZ)	3,5-Dichlorobiphenyl	34883-41-5	--	--	200	25
PCB 15 (BZ)	4,4'-Dichlorobiphenyl	2050-68-2	--	--	200	20
PCB 16 (BZ)	2,2',3-Trichlorobiphenyl	38444-78-9	--	--	200	50
PCB 17 (BZ)	2,2',4-Trichlorobiphenyl	37680-66-3	--	--	200	10
PCB 18 (BZ)	2,2',5-Trichlorobiphenyl	37680-65-2	--	--	400	50
PCB 19 (BZ)	2,2',6-Trichlorobiphenyl	38444-73-4	--	--	200	10
PCB 20 (BZ)	2,3,3'-Trichlorobiphenyl	38444-84-7	--	--	400	40
PCB 21 (BZ)	2,3,4-Trichlorobiphenyl	55702-46-0	--	--	400	40
PCB 22 (BZ)	2,3,4'-Trichlorobiphenyl	38444-85-8	--	--	200	10
PCB 23 (BZ)	2,3,5-Trichlorobiphenyl	55720-44-0	--	--	200	20
PCB 24 (BZ)	2,3,6-Trichlorobiphenyl	55702-45-9	--	--	200	20
PCB 25 (BZ)	2,3',4-Trichlorobiphenyl	55712-37-3	--	--	200	20
PCB 26 (BZ)	2,3',5-Trichlorobiphenyl	38444-81-4	--	--	400	40
PCB 27 (BZ)	2,3',6-Trichlorobiphenyl	38444-76-7	--	--	200	20
PCB 28 (BZ)	2,4,4'-Trichlorobiphenyl	7012-37-5	--	--	400	40
PCB 29 (BZ)	2,4,5-Trichlorobiphenyl	15862-07-4	--	--	400	40
PCB 30 (BZ)	2,4,6-Trichlorobiphenyl	35693-92-6	--	--	400	50

Table 15-10. Project Screening Level and Laboratory Limits – Method 1668 PCBs in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analytical Group: *PCBs*

PCB Congener Number	Analyte	CAS Number	Project Action Limit (pg/L)	Project Action Limit Reference	Laboratory-specific	
					LOQ (pg/L)	LOD (pg/L)
PCB 31 (BZ)	2,4',5-Trichlorobiphenyl	16606-02-3	--	--	200	20
PCB 32 (BZ)	2,4',6-Trichlorobiphenyl	38444-77-8	--	--	200	10
PCB 33 (BZ)	2',3,4-Trichlorobiphenyl	38444-86-9	--	--	400	40
PCB 34 (BZ)	2',3,5-Trichlorobiphenyl	37680-68-5	--	--	200	20
PCB 35 (BZ)	3,3',4-Trichlorobiphenyl	37680-69-6	--	--	200	10
PCB 36 (BZ)	3,3',5-Trichlorobiphenyl	38444-87-0	--	--	200	10
PCB 37 (BZ)	3,4,4'-Trichlorobiphenyl	38444-90-5	--	--	200	10
PCB 38 (BZ)	3,4,5-Trichlorobiphenyl	53555-66-1	--	--	200	20
PCB 39 (BZ)	3,4',5-Trichlorobiphenyl	38444-88-1	--	--	200	10
PCB 40 (BZ)	2,2',3,3'-Tetrachlorobiphenyl	38444-93-8	--	--	400	20
PCB 41 (BZ)	2,2',3,4-Tetrachlorobiphenyl	52663-59-9	--	--	200	10
PCB 42 (BZ)	2,2',3,4'-Tetrachlorobiphenyl	36559-22-5	--	--	200	20
PCB 43 (BZ)	2,2',3,5-Tetrachlorobiphenyl	70362-46-8	--	--	200	10
PCB 44 (BZ)	2,2',3,5'-Tetrachlorobiphenyl	41464-39-5	--	--	600	75
PCB 45 (BZ)	2,2',3,6-Tetrachlorobiphenyl	70362-45-7	--	--	200	20
PCB 46 (BZ)	2,2',3,6'-Tetrachlorobiphenyl	41464-47-5	--	--	200	20
PCB 47 (BZ)	2,2',4,4'-Tetrachlorobiphenyl	2437-79-8	--	--	600	75
PCB 48 (BZ)	2,2',4,5-Tetrachlorobiphenyl	70362-47-9	--	--	200	20
PCB 49 (BZ)	2,2',4,5'-Tetrachlorobiphenyl	41464-40-8	--	--	400	40
PCB 50 (BZ)	2,2',4,6-Tetrachlorobiphenyl	62796-65-0	--	--	400	40
PCB 51 (BZ)	2,2',4,6'-Tetrachlorobiphenyl	68194-04-7	--	--	200	20
PCB 52 (BZ)	2,2',5,5'-Tetrachlorobiphenyl	35693-99-3	--	--	200	20
PCB 53 (BZ)	2,2',5,6'-Tetrachlorobiphenyl	41464-41-9	--	--	400	40
PCB 54 (BZ)	2,2',6,6'-Tetrachlorobiphenyl	15968-05-5	--	--	200	10
PCB 55 (BZ)	2,3,3',4-Tetrachlorobiphenyl	74338-24-2	--	--	200	10
PCB 56 (BZ)	2,3,3',4'-Tetrachlorobiphenyl	41464-43-1	--	--	200	20
PCB 57 (BZ)	2,3,3',5-Tetrachlorobiphenyl	70424-67-8	--	--	200	10
PCB 58 (BZ)	2,3,3',5'-Tetrachlorobiphenyl	41464-49-7	--	--	200	20
PCB 59 (BZ)	2,3,3',6-Tetrachlorobiphenyl	74472-33-6	--	--	600	60
PCB 60 (BZ)	2,3,4,4'-Tetrachlorobiphenyl	33025-41-1	--	--	200	20

Table 15-10. Project Screening Level and Laboratory Limits – Method 1668 PCBs in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analytical Group: *PCBs*

PCB Congener Number	Analyte	CAS Number	Project Action Limit (pg/L)	Project Action Limit Reference	Laboratory-specific	
					LOQ (pg/L)	LOD (pg/L)
PCB 61 (BZ)	2,3,4,5-Tetrachlorobiphenyl	33284-53-6	--	--	800	40
PCB 62 (BZ)	2,3,4,6-Tetrachlorobiphenyl	54230-22-7	--	--	600	60
PCB 63 (BZ)	2,3,4',5-Tetrachlorobiphenyl	74472-34-7	--	--	200	20
PCB 64 (BZ)	2,3,4',6-Tetrachlorobiphenyl	52663-58-8	--	--	200	20
PCB 65 (BZ)	2,3,5,6-Tetrachlorobiphenyl	33284-54-7	--	--	600	75
PCB 66 (BZ)	2,3',4,4'-Tetrachlorobiphenyl	32598-10-0	--	--	200	10
PCB 67 (BZ)	2,3',4,5-Tetrachlorobiphenyl	73575-53-8	--	--	200	20
PCB 68 (BZ)	2,3',4,5'-Tetrachlorobiphenyl	73575-52-7	--	--	200	20
PCB 69 (BZ)	2,3',4,6-Tetrachlorobiphenyl	60233-24-1	--	--	400	40
PCB 70 (BZ)	2,3',4',5-Tetrachlorobiphenyl	32598-11-1	--	--	800	40
PCB 71 (BZ)	2,3',4',6-Tetrachlorobiphenyl	41464-46-4	--	--	400	20
PCB 72 (BZ)	2,3',5,5'-Tetrachlorobiphenyl	41464-42-0	--	--	200	20
PCB 73 (BZ)	2,3',5',6-Tetrachlorobiphenyl	74338-23-1	--	--	200	20
PCB 74 (BZ)	2,4,4',5-Tetrachlorobiphenyl	32690-93-0	--	--	800	40
PCB 75 (BZ)	2,4,4',6-Tetrachlorobiphenyl	32598-12-2	--	--	600	60
PCB 76 (BZ)	2',3,4,5-Tetrachlorobiphenyl	70362-48-0	--	--	800	40
PCB 77 (BZ)	3,3',4,4'-Tetrachlorobiphenyl	32598-13-3	6,000	HH	20	10
PCB 78 (BZ)	3,3',4,5-Tetrachlorobiphenyl	70362-49-1	--	--	200	10
PCB 79 (BZ)	3,3',4,5'-Tetrachlorobiphenyl	41464-48-6	--	--	200	10
PCB 80 (BZ)	3,3',5,5'-Tetrachlorobiphenyl	33284-52-5	--	--	200	10
PCB 81 (BZ)	3,4,4',5-Tetrachlorobiphenyl	70362-50-4	120,000	HH	20	10
PCB 82 (BZ)	2,2',3,3',4-Pentachlorobiphenyl	52663-62-4	--	--	200	10
PCB 83 (BZ)	2,2',3,3',5-Pentachlorobiphenyl	60145-20-2	--	--	200	20
PCB 84 (BZ)	2,2',3,3',6-Pentachlorobiphenyl	52663-60-2	--	--	200	20
PCB 85 (BZ)	2,2',3,4,4'-Pentachlorobiphenyl	65510-45-4	--	--	600	60
PCB 86 (BZ)	2,2',3,4,5-Pentachlorobiphenyl	55312-69-1	--	--	1,200	60
PCB 87 (BZ)	2,2',3,4,5'-Pentachlorobiphenyl	38380-02-8	--	--	1,200	60
PCB 88 (BZ)	2,2',3,4,6-Pentachlorobiphenyl	55215-17-3	--	--	400	20
PCB 89 (BZ)	2,2',3,4,6'-Pentachlorobiphenyl	73575-57-2	--	--	200	10
PCB 90 (BZ)	2,2',3,4',5-Pentachlorobiphenyl	68194-07-0	--	--	600	30

Table 15-10. Project Screening Level and Laboratory Limits – Method 1668 PCBs in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analytical Group: *PCBs*

PCB Congener Number	Analyte	CAS Number	Project Action Limit (pg/L)	Project Action Limit Reference	Laboratory-specific	
					LOQ (pg/L)	LOD (pg/L)
PCB 91 (BZ)	2,2',3,4',6-Pentachlorobiphenyl	68194-05-8	--	--	400	20
PCB 92 (BZ)	2,2',3,5,5'-Pentachlorobiphenyl	52663-61-3	--	--	200	10
PCB 93 (BZ)	2,2',3,5,6-Pentachlorobiphenyl	73575-56-1	--	--	400	20
PCB 94 (BZ)	2,2',3,5,6'-Pentachlorobiphenyl	73575-55-0	--	--	200	20
PCB 95 (BZ)	2,2',3,5',6-Pentachlorobiphenyl	38379-99-6	--	--	200	20
PCB 96 (BZ)	2,2',3,6,6'-Pentachlorobiphenyl	73575-54-9	--	--	200	20
PCB 97 (BZ)	2,2',3',4,5-Pentachlorobiphenyl	41464-51-1	--	--	1,200	60
PCB 98 (BZ)	2,2',3',4,6-Pentachlorobiphenyl	60233-25-2	--	--	400	20
PCB 99 (BZ)	2,2',4,4',5-Pentachlorobiphenyl	38380-01-7	--	--	200	20
PCB 100 (BZ)	2,2',4,4',6-Pentachlorobiphenyl	39485-83-1	--	--	400	20
PCB 101 (BZ)	2,2',4,5,5'-Pentachlorobiphenyl	37680-73-2	--	--	600	30
PCB 102 (BZ)	2,2',4,5,6'-Pentachlorobiphenyl	68194-06-9	--	--	400	20
PCB 103 (BZ)	2,2',4,5',6-Pentachlorobiphenyl	60145-21-3	--	--	200	10
PCB 104 (BZ)	2,2',4,6,6'-Pentachlorobiphenyl	56558-16-8	--	--	200	10
PCB 105 (BZ)	2,3,3',4,4'-Pentachlorobiphenyl	32598-14-4	3,500,000	HH	20	20
PCB 106 (BZ)	2,3,3',4,5-Pentachlorobiphenyl	70424-69-0	--	--	200	20
PCB 107 (BZ) 109 (EPA)	2,3,3',4',5-Pentachlorobiphenyl	70424-68-9	--	--	400	20
PCB 108 (BZ) 107 (EPA)	2,3,3',4,5'-Pentachlorobiphenyl	70362-41-3	--	--	1,200	60
PCB 109 (BZ) 108 (EPA)	2,3,3',4,6-Pentachlorobiphenyl	74472-35-8	--	--	200	10
PCB 110 (BZ)	2,3,3',4',6-Pentachlorobiphenyl	38380-03-9	--	--	400	20
PCB 111 (BZ)	2,3,3',5,5'-Pentachlorobiphenyl	39635-32-0	--	--	200	20
PCB 112 (BZ)	2,3,3',5,6-Pentachlorobiphenyl	74472-36-9	--	--	200	10
PCB 113 (BZ)	2,3,3',5',6-Pentachlorobiphenyl	68194-10-5	--	--	600	30
PCB 114 (BZ)	2,3,4,4',5-Pentachlorobiphenyl	74472-37-0	2,900,000	HH	20	10
PCB 115 (BZ)	2,3,4,4',6-Pentachlorobiphenyl	74472-38-1	--	--	400	20
PCB 116 (BZ)	2,3,4,5,6-Pentachlorobiphenyl	18259-05-7	--	--	600	60
PCB 117 (BZ)	2,3,4',5,6-Pentachlorobiphenyl	68194-11-6	--	--	600	60
PCB 118 (BZ)	2,3',4,4',5-Pentachlorobiphenyl	31508-00-6	3,500,000	HH	20	10
PCB 119 (BZ)	2,3',4,4',6-Pentachlorobiphenyl	56558-17-9	--	--	1,200	60
PCB 120 (BZ)	2,3',4,5,5'-Pentachlorobiphenyl	68194-12-7	--	--	200	10

Table 15-10. Project Screening Level and Laboratory Limits – Method 1668 PCBs in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analytical Group: *PCBs*

PCB Congener Number	Analyte	CAS Number	Project Action Limit (pg/L)	Project Action Limit Reference	Laboratory-specific	
					LOQ (pg/L)	LOD (pg/L)
PCB 121 (BZ)	2,3',4,5',6-Pentachlorobiphenyl	56558-18-0	--	--	200	10
PCB 122 (BZ)	2',3,3',4,5-Pentachlorobiphenyl	76842-07-4	--	--	200	10
PCB 123 (BZ)	2',3,4,4',5-Pentachlorobiphenyl	65510-44-3	1,400,000	HH	20	10
PCB 124 (BZ)	2',3,4,5,5'-Pentachlorobiphenyl	70424-70-3	--	--	400	20
PCB 125 (BZ)	2',3,4,5,6'-Pentachlorobiphenyl	74472-39-2	--	--	1,200	60
PCB 126 (BZ)	3,3',4,4',5-Pentachlorobiphenyl	57465-28-8	1,600	HH	20	10
PCB 127 (BZ)	3,3',4,5,5'-Pentachlorobiphenyl	39635-33-1	--	--	200	20
PCB 128 (BZ)	2,2',3,3',4,4'-Hexachlorobiphenyl	38380-07-3	--	--	400	20
PCB 129 (BZ)	2,2',3,3',4,5-Hexachlorobiphenyl	55215-18-4	--	--	600	60
PCB 130 (BZ)	2,2',3,3',4,5'-Hexachlorobiphenyl	52663-66-8	--	--	200	10
PCB 131 (BZ)	2,2',3,3',4,6-Hexachlorobiphenyl	61798-70-7	--	--	200	20
PCB 132 (BZ)	2,2',3,3',4,6'-Hexachlorobiphenyl	38380-05-1	--	--	200	20
PCB 133 (BZ)	2,2',3,3',5,5'-Hexachlorobiphenyl	35694-04-3	--	--	200	10
PCB 134 (BZ)	2,2',3,3',5,6-Hexachlorobiphenyl	52704-70-8	--	--	400	40
PCB 135 (BZ)	2,2',3,3',5,6'-Hexachlorobiphenyl	52744-13-5	--	--	400	40
PCB 136 (BZ)	2,2',3,3',6,6'-Hexachlorobiphenyl	38411-22-2	--	--	200	10
PCB 137 (BZ)	2,2',3,4,4',5-Hexachlorobiphenyl	35694-06-5	--	--	200	20
PCB 138 (BZ)	2,2',3,4,4',5'-Hexachlorobiphenyl	35065-28-2	--	--	600	60
PCB 139 (BZ)	2,2',3,4,4',6-Hexachlorobiphenyl	56030-56-9	--	--	400	20
PCB 140 (BZ)	2,2',3,4,4',6'-Hexachlorobiphenyl	59291-64-4	--	--	400	20
PCB 141 (BZ)	2,2',3,4,5,5'-Hexachlorobiphenyl	52712-04-6	--	--	200	10
PCB 142 (BZ)	2,2',3,4,5,6-Hexachlorobiphenyl	41411-61-4	--	--	200	10
PCB 143 (BZ)	2,2',3,4,5,6'-Hexachlorobiphenyl	68194-15-0	--	--	400	40
PCB 144 (BZ)	2,2',3,4,5',6-Hexachlorobiphenyl	68194-14-9	--	--	200	10
PCB 145 (BZ)	2,2',3,4,6,6'-Hexachlorobiphenyl	74472-40-5	--	--	200	10
PCB 146 (BZ)	2,2',3,4',5,5'-Hexachlorobiphenyl	51908-16-8	--	--	200	20
PCB 147 (BZ)	2,2',3,4',5,6-Hexachlorobiphenyl	68194-13-8	--	--	400	40
PCB 148 (BZ)	2,2',3,4',5,6'-Hexachlorobiphenyl	74472-41-6	--	--	200	10
PCB 149 (BZ)	2,2',3,4',5',6-Hexachlorobiphenyl	38380-04-0	--	--	400	40
PCB 150 (BZ)	2,2',3,4',6,6'-Hexachlorobiphenyl	68194-08-1	--	--	200	20

Table 15-10. Project Screening Level and Laboratory Limits – Method 1668 PCBs in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analytical Group: *PCBs*

PCB Congener Number	Analyte	CAS Number	Project Action Limit (pg/L)	Project Action Limit Reference	Laboratory-specific	
					LOQ (pg/L)	LOD (pg/L)
PCB 151 (BZ)	2,2',3,5,5',6-Hexachlorobiphenyl	52663-63-5	--	--	400	40
PCB 152 (BZ)	2,2',3,5,6,6'-Hexachlorobiphenyl	68194-09-2	--	--	200	10
PCB 153 (BZ)	2,2',4,4',5,5'-Hexachlorobiphenyl	35065-27-1	--	--	400	40
PCB 154 (BZ)	2,2',4,4',5,6'-Hexachlorobiphenyl	60145-22-4	--	--	200	10
PCB 155 (BZ)	2,2',4,4',6,6'-Hexachlorobiphenyl	33979-03-2	--	--	200	10
PCB 156 (BZ)	2,3,3',4,4',5-Hexachlorobiphenyl	38380-08-4	7,000,000	HH	40	20
PCB 157 (BZ)	2,3,3',4,4',5'-Hexachlorobiphenyl	69782-90-7	1,600,000	HH	40	20
PCB 158 (BZ)	2,3,3',4,4',6-Hexachlorobiphenyl	74472-42-7	--	--	200	20
PCB 159 (BZ)	2,3,3',4,5,5'-Hexachlorobiphenyl	39635-35-3	--	--	200	10
PCB 160 (BZ)	2,3,3',4,5,6-Hexachlorobiphenyl	41411-62-5	--	--	200	20
PCB 161 (BZ)	2,3,3',4,5',6-Hexachlorobiphenyl	74472-43-8	--	--	200	10
PCB 162 (BZ)	2,3,3',4',5,5'-Hexachlorobiphenyl	39635-34-2	--	--	200	20
PCB 163 (BZ)	2,3,3',4',5,6-Hexachlorobiphenyl	74472-44-9	--	--	600	60
PCB 164 (BZ)	2,3,3',4',5',6-Hexachlorobiphenyl	74472-45-0	--	--	200	20
PCB 165 (BZ)	2,3,3',5,5',6-Hexachlorobiphenyl	74472-46-1	--	--	200	10
PCB 166 (BZ)	2,3,4,4',5,6-Hexachlorobiphenyl	41411-63-6	--	--	400	20
PCB 167 (BZ)	2,3',4,4',5,5'-Hexachlorobiphenyl	52663-72-6	3,800,000	HH	20	10
PCB 168 (BZ)	2,3',4,4',5',6-Hexachlorobiphenyl	59291-65-5	--	--	400	40
PCB 169 (BZ)	3,3',4,4',5,5'-Hexachlorobiphenyl	32774-16-6	15,000	HH	20	10
PCB 170 (BZ)	2,2',3,3',4,4',5-Heptachlorobiphenyl	35065-30-6	--	--	200	20
PCB 171 (BZ)	2,2',3,3',4,4',6-Heptachlorobiphenyl	52663-71-5	--	--	400	20
PCB 172 (BZ)	2,2',3,3',4,5,5'-Heptachlorobiphenyl	52663-74-8	--	--	200	10
PCB 173 (BZ)	2,2',3,3',4,5,6-Heptachlorobiphenyl	68194-16-1	--	--	400	20
PCB 174 (BZ)	2,2',3,3',4,5,6'-Heptachlorobiphenyl	38411-25-5	--	--	200	20
PCB 175 (BZ)	2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	--	--	200	20
PCB 176 (BZ)	2,2',3,3',4,6,6'-Heptachlorobiphenyl	52663-65-7	--	--	200	10
PCB 177 (BZ)	2,2',3,3',4',5,6-Heptachlorobiphenyl	52663-70-4	--	--	200	20
PCB 178 (BZ)	2,2',3,3',5,5',6-Heptachlorobiphenyl	52663-67-9	--	--	200	10
PCB 179 (BZ)	2,2',3,3',5,6,6'-Heptachlorobiphenyl	52663-64-6	--	--	200	20
PCB 180 (BZ)	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065-29-3	--	--	400	40

Table 15-10. Project Screening Level and Laboratory Limits – Method 1668 PCBs in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analytical Group: *PCBs*

PCB Congener Number	Analyte	CAS Number	Project Action Limit (pg/L)	Project Action Limit Reference	Laboratory-specific	
					LOQ (pg/L)	LOD (pg/L)
PCB 181 (BZ)	2,2',3,4,4',5,6-Heptachlorobiphenyl	74472-47-2	--	--	200	10
PCB 182 (BZ)	2,2',3,4,4',5,6'-Heptachlorobiphenyl	60145-23-5	--	--	200	10
PCB 183 (BZ)	2,2',3,4,4',5',6-Heptachlorobiphenyl	52663-69-1	--	--	200	20
PCB 184 (BZ)	2,2',3,4,4',6,6'-Heptachlorobiphenyl	74472-48-3	--	--	200	20
PCB 185 (BZ)	2,2',3,4,5,5',6-Heptachlorobiphenyl	52712-05-7	--	--	200	20
PCB 186 (BZ)	2,2',3,4,5,6,6'-Heptachlorobiphenyl	74472-49-4	--	--	200	10
PCB 187 (BZ)	2,2',3,4',5,5',6-Heptachlorobiphenyl	52663-68-0	--	--	200	20
PCB 188 (BZ)	2,2',3,4',5,6,6'-Heptachlorobiphenyl	74487-85-7	--	--	200	10
PCB 189 (BZ)	2,3,3',4,4',5,5'-Heptachlorobiphenyl	39635-31-9	5,200,000	HH	20	10
PCB 190 (BZ)	2,3,3',4,4',5,6-Heptachlorobiphenyl	41411-64-7	--	--	200	20
PCB 191 (BZ)	2,3,3',4,4',5',6-Heptachlorobiphenyl	74472-50-7	--	--	200	20
PCB 192 (BZ)	2,3,3',4,5,5',6-Heptachlorobiphenyl	74472-51-8	--	--	200	20
PCB 193 (BZ)	2,3,3',4',5,5',6-Heptachlorobiphenyl	69782-91-8	--	--	400	40
PCB 194 (BZ)	2,2',3,3',4,4',5,5'-Octachlorobiphenyl	35694-08-7	--	--	200	20
PCB 195 (BZ)	2,2',3,3',4,4',5,6-Octachlorobiphenyl	52663-78-2	--	--	200	20
PCB 196 (BZ)	2,2',3,3',4,4',5,6'-Octachlorobiphenyl	42740-50-1	--	--	200	20
PCB 197 (BZ)	2,2',3,3',4,4',6,6'-Octachlorobiphenyl	33091-17-7	--	--	200	20
PCB 198 (BZ)	2,2',3,3',4,5,5',6-Octachlorobiphenyl	68194-17-2	--	--	400	20
PCB 199 (BZ) 200 (EPA)	2,2',3,3',4,5,6,6'-Octachlorobiphenyl	52663-73-7	--	--	200	20
PCB 200 (BZ) 201 (EPA)	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	40186-71-8	--	--	200	20
PCB 201 (BZ) 199 (EPA)	2,2',3,3',4,5,5',6'-Octachlorobiphenyl	52663-75-9	--	--	400	20
PCB 202 (BZ)	2,2',3,3',5,5',6,6'-octachlorobiphenyl	2136-99-4	--	--	200	10
PCB 203 (BZ)	2,2',3,4,4',5,5',6-Octachlorobiphenyl	52663-76-0	--	--	200	20
PCB 204 (BZ)	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	74472-52-9	--	--	200	20
PCB 205 (BZ)	2,3,3',4,4',5,5',6-Octachlorobiphenyl	74472-53-0	--	--	200	10
PCB 206 (BZ)	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	40186-72-9	--	--	200	10
PCB 207 (BZ)	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	52663-79-3	--	--	200	10
PCB 208 (BZ)	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	52663-77-1	--	--	200	10
PCB 209 (BZ)	Decachlorobiphenyl	2051-24-3	--	--	200	20

Note:

Because of the toxicological significance of PCBs, if results below the LOQ are to be reported, they will be reported to the LOD.

Table 15-11. Project Screening Level and Laboratory Limits – Method 8323M in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Butyltins

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
Dibutyltin	1002-53-5	6.0	HH	0.039		0.039
Tetra-n-butyltin	1461-25-2	3.7	HH	0.05		0.05
Tributyltin	688-73-3	3.7	HH	0.045		0.045

Table 15-12. Project Screening Level and Laboratory Limits – Method SW6020/7470 in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Metals

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
Aluminum	7429-90-5	20,000	HH	8.25	30	200
Antimony	7440-36-0	7.8	HH	0.4	1	2
Arsenic	7440-38-2	6,300	HH	0.5	2	5
Barium	7440-39-3	4,000	HH	0.38	0.95	3
Beryllium	7440-41-7	270,000	HH	0.303	0.6	1
Cadmium	7440-43-9	130,000	HH	0.19	0.75	1
Calcium	7440-70-2	--	--	32.3	100	200
Chromium	7440-47-3	30,000	HH	0.5	1.8	3
Cobalt	7440-48-4	6.0	HH	0.33	0.9	1
Copper	7440-50-8	5,400,000	HH	0.71	1.8	2
Iron	7439-89-6	14,000	HH	8.67	40	200
Lead	7439-92-1	15	HH	0.23	0.7	1
Magnesium	7439-95-4	--	--	4.16	15	200
Manganese	7439-96-5	3,200,000	HH	0.51	1.8	3
Molybdenum	7439-98-7	100	HH	0.37	1.2	2
Nickel	7440-02-0	400	HH	0.83	1.9	3
Potassium	7440-09-7	--	--	52	76	1,000
Selenium	7782-49-2	100	HH	1	4	5
Silver	7440-22-4	1,100,000	HH	0.045	0.15	1
Sodium	7440-23-5	--	--	73.3	150	1,000
Thallium*	7440-28-0	0.20	HH	0.21	0.75	1

Table 15-12. Project Screening Level and Laboratory Limits – Method SW6020/7470 in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Metals

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
Vanadium	7440-62-2	86	HH	1.12	3	5
Zinc	7440-66-6	6,000	HH	2	8	10
Mercury	7439-97-6	11.0	HH	0.061	0.08	0.2

* Project Action Level (PAL) is less than the laboratory-specified Level of Quantitation (LOQ).

Table 15-13. Project Screening Level and Laboratory Limits – Method SW8015 in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: TPH

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
DRO (C10-C28)*	STL00143	100	HH	32.6	120	250
ORO (C20-C38)	STL02073	--	--	56.1	125	500
GRO (C6-C10)	8006-61-9	14,000	HH	10	20	25

* Project Action Level (PAL) is less than the laboratory-specified Level of Quantitation (LOQ).

Table 15-14. Project Screening Level and Laboratory Limits – Method SW8081 in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Pesticides

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
4,4'-DDD	72-54-8	3.2	HH	0.0042	0.05	0.05
4,4'-DDE	72-55-9	310	HH	0.0042	0.022	0.05
4,4'-DDT	50-29-3	0.23	HH	0.024	0.05	0.05
Aldrin	309-00-2	3.5	HH	0.0062	0.021	0.05
alpha-BHC	319-84-6	18	HH	0.00965	0.029	0.05
beta-BHC*	319-85-7	0.025	HH	0.0091	0.04	0.05
cis-Chlordane	5103-71-9	0.45	HH	0.0088	0.029	0.05
delta-BHC*	319-86-8	0.0072	HH	0.0078	0.024	0.05
Dieldrin	60-57-1	2.4	HH	0.0046	0.016	0.05
Endosulfan I	959-98-8	98	HH	0.00584	0.022	0.05
Endosulfan II	33213-65-9	98	HH	0.0066	0.04	0.05

Table 15-14. Project Screening Level and Laboratory Limits – Method SW8081 in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Pesticides

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
Endosulfan sulfate	1031-07-8	98	HH	0.0049	0.018	0.05
Endrin	72-20-8	170	HH	0.0086	0.024	0.05
Endrin aldehyde	7421-93-4	170	HH	0.00865	0.024	0.05
gamma-BHC (Lindane)	58-89-9	100	HH	0.0103	0.031	0.05
Heptachlor	76-44-8	1.80	HH	0.01	0.05	0.05
Heptachlor epoxide	1024-57-3	3.2	HH	0.0032	0.036	0.05
Methoxychlor	72-43-5	37	HH	0.014	0.036	0.1
Toxaphene	8001-35-2	18	HH	1.5	3	3
trans-Chlordane	5103-74-2	0.45	HH	0.00715	0.03	0.05

* Project Action Level (PAL) is less than the laboratory-specified Level of Quantitation (LOQ).

Table 15-15. Project Screening Level and Laboratory Limits – Method SW8260 in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Volatiles

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
1,1,1,2-Tetrachloroethane	630-20-6	36	HH	0.577	0.8	1
1,1,1-Trichloroethane	71-55-6	53,000	HH	0.39	0.5	1
1,1,2,2-Tetrachloroethane	79-34-5	30	HH	0.21	0.8	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	1,600	HH	0.729	1.8	3
1,1,2-Trichloroethane	79-00-5	44	HH	0.27	0.8	1
1,1-Dichloroethane	75-34-3	55	HH	0.22	0.8	1
1,1-Dichloroethene	75-35-4	1,300	HH	0.23	0.8	1
1,1-Dichloropropene	563-58-6	40	HH	0.416	0.8	1
1,2,3-Trichlorobenzene	87-61-6	7.0	HH	0.704	0.8	2
1,2,3-Trichloropropane	96-18-4	200	HH	0.858	1.8	2.5
1,2,4-Trichlorobenzene	120-82-1	380	HH	0.584	0.8	1
1,2,4-Trimethylbenzene	95-63-6	2,400	HH	0.15	0.4	1
1,2-Dibromo-3-chloropropane*	96-12-8	0.81	HH	1.76	4	5
1,2-Dichlorobenzene	95-50-1	25,000	HH	0.372	0.5	1
1,2-Dichloroethane	107-06-2	18.0	HH	0.541	0.8	1

Table 15-15. Project Screening Level and Laboratory Limits – Method SW8260 in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Volatiles

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
1,2-Dichloroethene, total	540-59-0	--	--	0.321	0.4	1
1,2-Dichloropropane	78-87-5	52	HH	0.515	0.8	1
1,3,5-Trimethylbenzene	108-67-8	1,700	HH	0.368	0.5	1
1,3-Dichlorobenzene	541-73-1	25	HH	0.334	0.4	1
1,3-Dichloropropane	142-28-9	370	HH	0.379	0.8	1
1,3-Dichloropropene, total	542-75-6	40	HH	0.626	0.8	2
1,4-Dichlorobenzene	106-46-7	25	HH	0.389	0.5	1
2,2-Dichloropropane	594-20-7	52	HH	0.38	0.8	1
2-Butanone (MEK)	78-93-3	17,000,000	HH	5.95	12	15
2-Chlorotoluene	95-49-8	240	HH	0.341	0.4	1
2-Hexanone	591-78-6	72,000	HH	1.7	4	5
3-Chloro-1-propene	107-05-1	7.5	HH	0.17	0.4	2
4-Chlorotoluene	106-43-4	250	HH	0.21	0.8	1
4-Isopropyltoluene	99-87-6	9,100	HH	0.428	0.8	1
4-Methyl-2-pentanone (MIBK)	108-10-1	4,600,000	HH	0.98	3.2	5
Acetone	67-64-1	18,000	HH	6.6	8	15
Acrylonitrile	107-13-1	58	HH	4.47	8	20
Benzene	71-43-2	12.0	HH	0.308	0.8	1
Bromobenzene	108-86-1	6,300	HH	0.397	0.5	1
Bromoform	75-25-2	1,100	HH	1.21	1.8	2
Bromomethane	74-83-9	110	HH	2.36	4	5
Carbon disulfide	75-15-0	8,200	HH	0.631	0.8	2
Carbon tetrachloride	56-23-5	3.1	HH	0.566	0.8	1
Chlorobenzene	108-90-7	3,400	HH	0.422	0.8	1
Chlorobromomethane	74-97-5	450	HH	0.403	0.8	1
Chlorodibromomethane	124-48-1	610	HH	0.618	1.8	2
Chloroethane	75-00-3	57,000	HH	1.37	1.6	4
Chloroform	67-66-3	5.9	HH	0.358	0.8	1
Chloromethane	74-87-3	1,500	HH	0.753	1	2
cis-1,2-Dichloroethene	156-59-2	1,800	HH	0.321	0.4	1
cis-1,3-Dichloropropene	10061-01-5	40	HH	0.626	1.8	2

Table 15-15. Project Screening Level and Laboratory Limits – Method SW8260 in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Volatiles

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
Cyclohexane	110-82-7	7,400	HH	0.44	0.8	1
Dibromomethane	74-95-3	950	HH	0.343	0.4	1
Dichlorobromomethane	75-27-4	6.9	HH	0.386	0.5	1
Dichlorodifluoromethane	75-71-8	41	HH	0.962	2.5	3
Ethyl ether	60-29-7	3,900	HH	0.354	0.8	2
Ethyl methacrylate	97-63-2	140,000	HH	0.86	2	3
Ethylbenzene	100-41-4	31	HH	0.303	0.4	1
Ethylene dibromide*	106-93-4	1.50	HH	0.404	0.8	1
Hexachlorobutadiene*	87-68-3	3.3	HH	1.17	1.8	2
Hexane	110-54-3	71	HH	0.163	0.8	2
Iodomethane	74-88-4	--	--	2.58	4	5
Isopropylbenzene	98-82-8	9,100	HH	0.363	0.5	1
Methyl acetate	79-20-9	20,000	HH	1.64	4	5
Methyl tert-butyl ether	1634-04-4	3,200	HH	0.25	0.8	5
Methylcyclohexane	108-87-2	43	HH	0.314	0.4	1
Methylene chloride	75-09-2	15,000	HH	0.938	1.8	2
m-Xylene & p-Xylene	179601-23-1	3,000	HH	0.356	0.8	2
Naphthalene	91-20-3	50	HH	0.634	0.8	2
n-Butylbenzene	104-51-8	1,000	HH	0.475	0.8	1
n-Propylbenzene	103-65-1	22,000	HH	0.531	0.8	1
o-Xylene	95-47-6	4,300	HH	0.331	0.4	1
sec-Butylbenzene	135-98-8	2,000	HH	0.447	0.8	1
Styrene	100-42-5	84,000	HH	0.356	0.8	1
tert-Butylbenzene	98-06-6	690	HH	0.421	0.8	1
Tetrachloroethene	127-18-4	130	HH	0.403	0.8	1
Tetrahydrofuran	109-99-9	5,200,000	HH	2.03	6.4	7
Toluene	108-88-3	150,000	HH	0.322	0.4	1
Total BTEX	STL00431	--	--	0.303	0.4	1
trans-1,2-Dichloroethene	156-60-5	750	HH	0.368	0.5	1
trans-1,3-Dichloropropene	10061-02-6	40	HH	0.646	1.8	2
trans-1,4-Dichloro-2-butene*	110-57-6	0.23	HH	1.38	1.6	3

Table 15-15. Project Screening Level and Laboratory Limits – Method SW8260 in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Volatiles

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
Trichloroethene	79-01-6	13.0	HH	0.3	0.4	1
Trichlorofluoromethane	75-69-4	160,000	HH	0.566	0.8	2
Trihalomethanes, total	STL00209	--	--	0.358	0.8	1
Vinyl acetate	108-05-4	80,000	HH	0.94	2	3
Vinyl chloride	75-01-4	3.3	HH	0.505	1	2

* Project Action Level (PAL) is less than the laboratory-specified Level of Quantitation (LOQ).

Table 15-16. Project Screening Level and Laboratory Limits – Method SW8270 in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Semivolatiles

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
1,2,4,5-Tetrachlorobenzene*	95-94-3	0.17	HH	1.78	8	10
1,2,4-Trichlorobenzene	120-82-1	380	HH	1.55	3.2	4
1,2-Dichlorobenzene	95-50-1	25,000	HH	1.33	3.2	4
1,2-Diphenylhydrazine*	122-66-7	0.078	HH	0.59	8	10
1,3-Dichlorobenzene	541-73-1	25	HH	1.42	8	10
1,4-Dichlorobenzene	106-46-7	25	HH	1.41	3.2	4
1-Methylnaphthalene*	90-12-0	0.63	HH	1.19	3.2	4
2,2'-oxybis(1-chloropropane)	108-60-1	710	HH	1.31	8	10
2,4,5-Trichlorophenol	95-95-4	1,200	HH	0.9	8	10
2,4,6-Trichlorophenol	88-06-2	1,700	HH	0.71	8	10
2,4-Dichlorophenol	120-83-2	46	HH	0.64	8	10
2,4-Dimethylphenol	105-67-9	360	HH	1.36	8	10
2,4-Dinitrophenol	51-28-5	39	HH	12.8	20	30
2,4-Dinitrotoluene[1]	121-14-2	0.24	HH	1.43	8	10
2,6-Dichlorophenol	87-65-0	--	--	0.74	8	10
2,6-Dinitrotoluene	606-20-2	830	HH	1.42	8	10
2-Chloronaphthalene	91-58-7	750	HH	1.27	3.2	4
2-Chlorophenol	95-57-8	91	HH	0.68	8	10
2-Methylnaphthalene	91-57-6	36	HH	1.22	3.2	4

Table 15-16. Project Screening Level and Laboratory Limits – Method SW8270 in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Semivolatiles

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
2-Methylphenol	95-48-7	930	HH	0.77	8	10
3 & 4 Methylphenol	15831-10-4	370	HH	0.8	8	10
3,3'-Dichlorobenzidine*	91-94-1	0.17	HH	3.38	30	50
3-Nitroaniline	99-09-2	190	HH	3.34	8	10
4,6-Dinitro-2-methylphenol*	534-52-1	1.5	HH	4.03	30	50
4-Chloroaniline[1]	106-47-8	0.37	HH	6.28	12.8	20
4-Chlorophenyl phenyl ether	7005-72-3	--	--	1.24	8	10
4-Nitroaniline[1]	100-01-6	3.8	HH	2.61	8	10
4-Nitrophenol	100-02-7	5,800	HH	9.05	12.8	25
Acenaphthene	83-32-9	510	HH	0.96	3.2	4
Acenaphthylene	208-96-8	50	HH	0.746	3.2	4
Anthracene	120-12-7	1,800	HH	0.58	3.2	4
Benzidine[1]	92-87-5	17	HH	38.8	64	100
Benzo(a)anthracene	56-55-3	2,300	HH	0.39	3.2	4
Benzo(a)pyrene*	50-32-8	0.025	HH	0.5	3.2	4
Benzo(b)fluoranthene*	205-99-2	0.25	HH	1.19	3.2	4
Benzo(g,h,i)perylene	191-24-2	120	HH	0.51	3.2	4
Benzo(k)fluoranthene*	207-08-9	2.5	HH	0.4	3.2	4
Benzoic acid	65-85-0	75,000	HH	24	48	60
Benzyl alcohol	100-51-6	2,000	HH	2.5	8	10
Bis(2-chloroethoxy)methane	111-91-1	59	HH	0.81	8	10
Bis(2-chloroethyl)ether	111-44-4	140	HH	2.02	8	10
Bis(2-ethylhexyl) phthalate*	117-81-7	5.6	HH	3.32	8	10
Butyl benzyl phthalate	85-68-7	16	HH	1.53	3.2	4
Carbazole	86-74-8	7.9	HH	0.5	3.2	4
Chrysene	218-01-9	25	HH	1.99	3.2	4
Dibenz(a,h)anthracene*	53-70-3	0.025	HH	0.58	8	10
Dibenzofuran	132-64-9	7.9	HH	0.95	3.2	4
Diethyl phthalate	84-66-2	15,000	HH	0.589	3.2	4
Dimethyl phthalate	131-11-3	15,000	HH	0.75	3.2	4
Di-n-butyl phthalate	84-74-2	900	HH	0.45	3.2	4

Table 15-16. Project Screening Level and Laboratory Limits – Method SW8270 in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Semivolatiles

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
Di-n-octyl phthalate	117-84-0	200	HH	3.6	8	10
Fluoranthene	206-44-0	800	HH	0.5	3.2	4
Fluorene	86-73-7	280	HH	0.784	3.2	4
Hexachlorobenzene*	118-74-1	1.3	HH	0.86	8	10
Hexachlorobutadiene*	87-68-3	3.3	HH	2.86	8	10
Hexachlorocyclopentadiene*	77-47-4	48	HH	16	48	50
Hexachloroethane*	67-72-1	7.0	HH	4.46	8	10
Indeno(1,2,3-cd)pyrene*	193-39-5	0.25	HH	1.34	8	10
Isophorone	78-59-1	78	HH	1.98	8	10
Naphthalene	91-20-3	50	HH	1.51	3.2	4
Nitrobenzene	98-95-3	800	HH	1.25	8	10
n-Nitrosodimethylamine	62-75-9	25	HH	0.57	8	10
n-Nitrosodi-n-propylamine	621-64-7	370	HH	1.91	8	10
n-Nitrosodiphenylamine	86-30-6	12	HH	0.77	8	10
n-Nitrosopyrrolidine*	930-55-2	0.037	HH	4.9	8	10
Pentachlorophenol	87-86-5	53	HH	20	48	50
Phenanthrene	85-01-8	1,800	HH	1.58	3.2	4
Phenol	108-95-2	5,800	HH	0.92	8	10
Pyrene	129-00-0	110	HH	0.53	8	10

* Project Action Level (PAL) is less than the laboratory-specified Level of Quantitation (LOQ).

Table 15-17. Project Screening Level and Laboratory Limits – Method SW8270SIM in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Semivolatiles

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
1-Methylnaphthalene	90-12-0	0.63	HH	0.0183	0.08	0.1
2-Methylnaphthalene	91-57-6	36	HH	0.0214	0.08	0.1
Acenaphthene	83-32-9	510	HH	0.0042	0.08	0.1
Acenaphthylene	208-96-8	50	HH	0.0051	0.08	0.1
Anthracene	120-12-7	1,800	HH	0.0307	0.08	0.1

Table 15-17. Project Screening Level and Laboratory Limits – Method SW8270SIM in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Semivolatiles

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
Benzo(a)anthracene	56-55-3	2,300	HH	0.0283	0.08	0.1
Benzo(a)pyrene*	50-32-8	0.025	HH	0.0248	0.08	0.1
Benzo(b)fluoranthene	205-99-2	0.25	HH	0.0396	0.08	0.1
Benzo(g,h,i)perylene	191-24-2	120	HH	0.0372	0.08	0.1
Benzo(k)fluoranthene	207-08-9	2.5	HH	0.0229	0.08	0.1
Chrysene	218-01-9	25	HH	0.0331	0.08	0.1
Dibenz(a,h)anthracene*	53-70-3	0.025	HH	0.0277	0.08	0.1
Fluoranthene	206-44-0	800	HH	0.0486	0.08	0.1
Fluorene	86-73-7	280	HH	0.0192	0.08	0.1
Indeno(1,2,3-cd)pyrene	193-39-5	0.25	HH	0.0392	0.08	0.1
Naphthalene	91-20-3	50	HH	0.023	0.08	0.1
Phenanthrene	85-01-8	1,800	HH	0.0494	0.08	0.1
Pyrene	129-00-0	110	HH	0.0451	0.08	0.1

* Project Action Level (PAL) is less than the laboratory-specified Level of Quantitation (LOQ).

Table 15-18. Project Screening Level and Laboratory Limits – Method SW8321 in Groundwater
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Herbicides

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
2,4,5-T	93-76-5	160	HH	1.45	4	5
2,4-D	94-75-7	77,000	HH	1.58	4	5
2,4-DB	94-82-6	--	--	2.99	4	6
Dicamba	1918-00-9	570	HH	0.849	4	5
Dichlorprop	120-36-5	--	--	1.64	4	5
Dinoseb	88-85-7	15	HH	0.225	1	5
MCPA	94-74-6	1,700	HH	0.642	4	5
MCPP	93-65-2	16	HH	0.765	4	5
Silvex (2,4,5-TP)	93-72-1	110	HH	0.97	2	5

Table 15-19. Project Screening Level and Laboratory Limits – Method 1668 PCBs in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analytical Group: *PCBs*

PCB Congener Number	Analyte	CAS Number	Project Action Limit (pg/L)	Project Action Limit Reference	Laboratory-specific	
					LOQ (pg/L)	LOD (pg/L)
PCB 1 (BZ)	2-Chlorobiphenyl	2051-60-7	--	--	200	10
PCB 2 (BZ)	3-Chlorobiphenyl	2051-61-8	--	--	200	20
PCB 3 (BZ)	Biphenyl, 4-chloro	2051-62-9	--	--	200	10
PCB 4 (BZ)	2,2'-Dichlorobiphenyl	13029-08-8	--	--	200	25
PCB 5 (BZ)	2,3-Dichlorobiphenyl	16605-91-7	--	--	200	25
PCB 6 (BZ)	2,3'-Dichlorobiphenyl	25569-80-6	--	--	200	25
PCB 7 (BZ)	2,4-Dichlorobiphenyl	33284-50-3	--	--	200	25
PCB 8 (BZ)	2,4'-Dichlorbiphenyl	34883-43-7	--	--	200	25
PCB 9 (BZ)	2,5-Dichlorobiphenyl	34883-39-1	--	--	200	50
PCB 10 (BZ)	2,6-Dichlorobiphenyl	33146-45-1	--	--	200	50
PCB 11 (BZ)	3,3'-Dichlorobiphenyl	2050-67-1	--	--	200	25
PCB 12 (BZ)	3,4-Dichlorobiphenyl	2974-92-7	--	--	400	40
PCB 13 (BZ)	3,4'-Dichlorobiphenyl	2974-90-5	--	--	400	40
PCB 14 (BZ)	3,5-Dichlorobiphenyl	34883-41-5	--	--	200	25
PCB 15 (BZ)	4,4'-Dichlorobiphenyl	2050-68-2	--	--	200	20
PCB 16 (BZ)	2,2',3-Trichlorobiphenyl	38444-78-9	--	--	200	50
PCB 17 (BZ)	2,2',4-Trichlorobiphenyl	37680-66-3	--	--	200	10
PCB 18 (BZ)	2,2',5-Trichlorobiphenyl	37680-65-2	--	--	400	50
PCB 19 (BZ)	2,2',6-Trichlorobiphenyl	38444-73-4	--	--	200	10
PCB 20 (BZ)	2,3,3'-Trichlorobiphenyl	38444-84-7	--	--	400	40
PCB 21 (BZ)	2,3,4-Trichlorobiphenyl	55702-46-0	--	--	400	40
PCB 22 (BZ)	2,3,4'-Trichlorobiphenyl	38444-85-8	--	--	200	10
PCB 23 (BZ)	2,3,5-Trichlorobiphenyl	55720-44-0	--	--	200	20
PCB 24 (BZ)	2,3,6-Trichlorobiphenyl	55702-45-9	--	--	200	20
PCB 25 (BZ)	2,3',4-Trichlorobiphenyl	55712-37-3	--	--	200	20
PCB 26 (BZ)	2,3',5-Trichlorobiphenyl	38444-81-4	--	--	400	40
PCB 27 (BZ)	2,3',6-Trichlorobiphenyl	38444-76-7	--	--	200	20
PCB 28 (BZ)	2,4,4'-Trichlorobiphenyl	7012-37-5	--	--	400	40
PCB 29 (BZ)	2,4,5-Trichlorobiphenyl	15862-07-4	--	--	400	40
PCB 30 (BZ)	2,4,6-Trichlorobiphenyl	35693-92-6	--	--	400	50

Table 15-19. Project Screening Level and Laboratory Limits – Method 1668 PCBs in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analytical Group: *PCBs*

PCB Congener Number	Analyte	CAS Number	Project Action Limit (pg/L)	Project Action Limit Reference	Laboratory-specific	
					LOQ (pg/L)	LOD (pg/L)
PCB 31 (BZ)	2,4',5-Trichlorobiphenyl	16606-02-3	--	--	200	20
PCB 32 (BZ)	2,4',6-Trichlorobiphenyl	38444-77-8	--	--	200	10
PCB 33 (BZ)	2',3,4-Trichlorobiphenyl	38444-86-9	--	--	400	40
PCB 34 (BZ)	2',3,5-Trichlorobiphenyl	37680-68-5	--	--	200	20
PCB 35 (BZ)	3,3',4-Trichlorobiphenyl	37680-69-6	--	--	200	10
PCB 36 (BZ)	3,3',5-Trichlorobiphenyl	38444-87-0	--	--	200	10
PCB 37 (BZ)	3,4,4'-Trichlorobiphenyl	38444-90-5	--	--	200	10
PCB 38 (BZ)	3,4,5-Trichlorobiphenyl	53555-66-1	--	--	200	20
PCB 39 (BZ)	3,4',5-Trichlorobiphenyl	38444-88-1	--	--	200	10
PCB 40 (BZ)	2,2',3,3'-Tetrachlorobiphenyl	38444-93-8	--	--	400	20
PCB 41 (BZ)	2,2',3,4-Tetrachlorobiphenyl	52663-59-9	--	--	200	10
PCB 42 (BZ)	2,2',3,4'-Tetrachlorobiphenyl	36559-22-5	--	--	200	20
PCB 43 (BZ)	2,2',3,5-Tetrachlorobiphenyl	70362-46-8	--	--	200	10
PCB 44 (BZ)	2,2',3,5'-Tetrachlorobiphenyl	41464-39-5	--	--	600	75
PCB 45 (BZ)	2,2',3,6-Tetrachlorobiphenyl	70362-45-7	--	--	200	20
PCB 46 (BZ)	2,2',3,6'-Tetrachlorobiphenyl	41464-47-5	--	--	200	20
PCB 47 (BZ)	2,2',4,4'-Tetrachlorobiphenyl	2437-79-8	--	--	600	75
PCB 48 (BZ)	2,2',4,5-Tetrachlorobiphenyl	70362-47-9	--	--	200	20
PCB 49 (BZ)	2,2',4,5'-Tetrachlorobiphenyl	41464-40-8	--	--	400	40
PCB 50 (BZ)	2,2',4,6-Tetrachlorobiphenyl	62796-65-0	--	--	400	40
PCB 51 (BZ)	2,2',4,6'-Tetrachlorobiphenyl	68194-04-7	--	--	200	20
PCB 52 (BZ)	2,2',5,5'-Tetrachlorobiphenyl	35693-99-3	--	--	200	20
PCB 53 (BZ)	2,2',5,6'-Tetrachlorobiphenyl	41464-41-9	--	--	400	40
PCB 54 (BZ)	2,2',6,6'-Tetrachlorobiphenyl	15968-05-5	--	--	200	10
PCB 55 (BZ)	2,3,3',4-Tetrachlorobiphenyl	74338-24-2	--	--	200	10
PCB 56 (BZ)	2,3,3',4'-Tetrachlorobiphenyl	41464-43-1	--	--	200	20
PCB 57 (BZ)	2,3,3',5-Tetrachlorobiphenyl	70424-67-8	--	--	200	10
PCB 58 (BZ)	2,3,3',5'-Tetrachlorobiphenyl	41464-49-7	--	--	200	20
PCB 59 (BZ)	2,3,3',6-Tetrachlorobiphenyl	74472-33-6	--	--	600	60
PCB 60 (BZ)	2,3,4,4'-Tetrachlorobiphenyl	33025-41-1	--	--	200	20

Table 15-19. Project Screening Level and Laboratory Limits – Method 1668 PCBs in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analytical Group: *PCBs*

PCB Congener Number	Analyte	CAS Number	Project Action Limit (pg/L)	Project Action Limit Reference	Laboratory-specific	
					LOQ (pg/L)	LOD (pg/L)
PCB 61 (BZ)	2,3,4,5-Tetrachlorobiphenyl	33284-53-6	--	--	800	40
PCB 62 (BZ)	2,3,4,6-Tetrachlorobiphenyl	54230-22-7	--	--	600	60
PCB 63 (BZ)	2,3,4',5-Tetrachlorobiphenyl	74472-34-7	--	--	200	20
PCB 64 (BZ)	2,3,4',6-Tetrachlorobiphenyl	52663-58-8	--	--	200	20
PCB 65 (BZ)	2,3,5,6-Tetrachlorobiphenyl	33284-54-7	--	--	600	75
PCB 66 (BZ)	2,3',4,4'-Tetrachlorobiphenyl	32598-10-0	--	--	200	10
PCB 67 (BZ)	2,3',4,5-Tetrachlorobiphenyl	73575-53-8	--	--	200	20
PCB 68 (BZ)	2,3',4,5'-Tetrachlorobiphenyl	73575-52-7	--	--	200	20
PCB 69 (BZ)	2,3',4,6-Tetrachlorobiphenyl	60233-24-1	--	--	400	40
PCB 70 (BZ)	2,3',4',5-Tetrachlorobiphenyl	32598-11-1	--	--	800	40
PCB 71 (BZ)	2,3',4',6-Tetrachlorobiphenyl	41464-46-4	--	--	400	20
PCB 72 (BZ)	2,3',5,5'-Tetrachlorobiphenyl	41464-42-0	--	--	200	20
PCB 73 (BZ)	2,3',5',6-Tetrachlorobiphenyl	74338-23-1	--	--	200	20
PCB 74 (BZ)	2,4,4',5-Tetrachlorobiphenyl	32690-93-0	--	--	800	40
PCB 75 (BZ)	2,4,4',6-Tetrachlorobiphenyl	32598-12-2	--	--	600	60
PCB 76 (BZ)	2',3,4,5-Tetrachlorobiphenyl	70362-48-0	--	--	800	40
PCB 77 (BZ)	3,3',4,4'-Tetrachlorobiphenyl	32598-13-3	6,000	HH	20	10
PCB 78 (BZ)	3,3',4,5-Tetrachlorobiphenyl	70362-49-1	--	--	200	10
PCB 79 (BZ)	3,3',4,5'-Tetrachlorobiphenyl	41464-48-6	--	--	200	10
PCB 80 (BZ)	3,3',5,5'-Tetrachlorobiphenyl	33284-52-5	--	--	200	10
PCB 81 (BZ)	3,4,4',5-Tetrachlorobiphenyl	70362-50-4	400	HH	20	10
PCB 82 (BZ)	2,2',3,3',4-Pentachlorobiphenyl	52663-62-4	--	--	200	10
PCB 83 (BZ)	2,2',3,3',5-Pentachlorobiphenyl	60145-20-2	--	--	200	20
PCB 84 (BZ)	2,2',3,3',6-Pentachlorobiphenyl	52663-60-2	--	--	200	20
PCB 85 (BZ)	2,2',3,4,4'-Pentachlorobiphenyl	65510-45-4	--	--	600	60
PCB 86 (BZ)	2,2',3,4,5-Pentachlorobiphenyl	55312-69-1	--	--	1,200	60
PCB 87 (BZ)	2,2',3,4,5'-Pentachlorobiphenyl	38380-02-8	--	--	1,200	60
PCB 88 (BZ)	2,2',3,4,6-Pentachlorobiphenyl	55215-17-3	--	--	400	20
PCB 89 (BZ)	2,2',3,4,6'-Pentachlorobiphenyl	73575-57-2	--	--	200	10
PCB 90 (BZ)	2,2',3,4',5-Pentachlorobiphenyl	68194-07-0	--	--	600	30

Table 15-19. Project Screening Level and Laboratory Limits – Method 1668 PCBs in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analytical Group: *PCBs*

PCB Congener Number	Analyte	CAS Number	Project Action Limit (pg/L)	Project Action Limit Reference	Laboratory-specific	
					LOQ (pg/L)	LOD (pg/L)
PCB 91 (BZ)	2,2',3,4',6-Pentachlorobiphenyl	68194-05-8	--	--	400	20
PCB 92 (BZ)	2,2',3,5,5'-Pentachlorobiphenyl	52663-61-3	--	--	200	10
PCB 93 (BZ)	2,2',3,5,6-Pentachlorobiphenyl	73575-56-1	--	--	400	20
PCB 94 (BZ)	2,2',3,5,6'-Pentachlorobiphenyl	73575-55-0	--	--	200	20
PCB 95 (BZ)	2,2',3,5',6-Pentachlorobiphenyl	38379-99-6	--	--	200	20
PCB 96 (BZ)	2,2',3,6,6'-Pentachlorobiphenyl	73575-54-9	--	--	200	20
PCB 97 (BZ)	2,2',3',4,5-Pentachlorobiphenyl	41464-51-1	--	--	1,200	60
PCB 98 (BZ)	2,2',3',4,6-Pentachlorobiphenyl	60233-25-2	--	--	400	20
PCB 99 (BZ)	2,2',4,4',5-Pentachlorobiphenyl	38380-01-7	--	--	200	20
PCB 100 (BZ)	2,2',4,4',6-Pentachlorobiphenyl	39485-83-1	--	--	400	20
PCB 101 (BZ)	2,2',4,5,5'-Pentachlorobiphenyl	37680-73-2	--	--	600	30
PCB 102 (BZ)	2,2',4,5,6'-Pentachlorobiphenyl	68194-06-9	--	--	400	20
PCB 103 (BZ)	2,2',4,5',6-Pentachlorobiphenyl	60145-21-3	--	--	200	10
PCB 104 (BZ)	2,2',4,6,6'-Pentachlorobiphenyl	56558-16-8	--	--	200	10
PCB 105 (BZ)	2,3,3',4,4'-Pentachlorobiphenyl	32598-14-4	4,000	HH	20	20
PCB 106 (BZ)	2,3,3',4,5-Pentachlorobiphenyl	70424-69-0	--	--	200	20
PCB 107 (BZ) 109 (EPA)	2,3,3',4',5-Pentachlorobiphenyl	70424-68-9	--	--	400	20
PCB 108 (BZ) 107 (EPA)	2,3,3',4,5'-Pentachlorobiphenyl	70362-41-3	--	--	1,200	60
PCB 109 (BZ) 108 (EPA)	2,3,3',4,6-Pentachlorobiphenyl	74472-35-8	--	--	200	10
PCB 110 (BZ)	2,3,3',4',6-Pentachlorobiphenyl	38380-03-9	--	--	400	20
PCB 111 (BZ)	2,3,3',5,5'-Pentachlorobiphenyl	39635-32-0	--	--	200	20
PCB 112 (BZ)	2,3,3',5,6-Pentachlorobiphenyl	74472-36-9	--	--	200	10
PCB 113 (BZ)	2,3,3',5',6-Pentachlorobiphenyl	68194-10-5	--	--	600	30
PCB 114 (BZ)	2,3,4,4',5-Pentachlorobiphenyl	74472-37-0	4,000	HH	20	10
PCB 115 (BZ)	2,3,4,4',6-Pentachlorobiphenyl	74472-38-1	--	--	400	20
PCB 116 (BZ)	2,3,4,5,6-Pentachlorobiphenyl	18259-05-7	--	--	600	60
PCB 117 (BZ)	2,3,4',5,6-Pentachlorobiphenyl	68194-11-6	--	--	600	60
PCB 118 (BZ)	2,3',4,4',5-Pentachlorobiphenyl	31508-00-6	4,000	HH	20	10
PCB 119 (BZ)	2,3',4,4',6-Pentachlorobiphenyl	56558-17-9	--	--	1,200	60
PCB 120 (BZ)	2,3',4,5,5'-Pentachlorobiphenyl	68194-12-7	--	--	200	10

Table 15-19. Project Screening Level and Laboratory Limits – Method 1668 PCBs in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analytical Group: *PCBs*

PCB Congener Number	Analyte	CAS Number	Project Action Limit (pg/L)	Project Action Limit Reference	Laboratory-specific	
					LOQ (pg/L)	LOD (pg/L)
PCB 121 (BZ)	2,3',4,5',6-Pentachlorobiphenyl	56558-18-0	--	--	200	10
PCB 122 (BZ)	2',3,3',4,5-Pentachlorobiphenyl	76842-07-4	--	--	200	10
PCB 123 (BZ)	2',3,4,4',5-Pentachlorobiphenyl	65510-44-3	4,000	HH	20	10
PCB 124 (BZ)	2',3,4,5,5'-Pentachlorobiphenyl	70424-70-3	--	--	400	20
PCB 125 (BZ)	2',3,4,5,6'-Pentachlorobiphenyl	74472-39-2	--	--	1,200	60
PCB 126 (BZ)[1]	3,3',4,4',5-Pentachlorobiphenyl	57465-28-8	1.2	HH	20	10
PCB 127 (BZ)	3,3',4,5,5'-Pentachlorobiphenyl	39635-33-1	--	--	200	20
PCB 128 (BZ)	2,2',3,3',4,4'-Hexachlorobiphenyl	38380-07-3	--	--	400	20
PCB 129 (BZ)	2,2',3,3',4,5-Hexachlorobiphenyl	55215-18-4	--	--	600	60
PCB 130 (BZ)	2,2',3,3',4,5'-Hexachlorobiphenyl	52663-66-8	--	--	200	10
PCB 131 (BZ)	2,2',3,3',4,6-Hexachlorobiphenyl	61798-70-7	--	--	200	20
PCB 132 (BZ)	2,2',3,3',4,6'-Hexachlorobiphenyl	38380-05-1	--	--	200	20
PCB 133 (BZ)	2,2',3,3',5,5'-Hexachlorobiphenyl	35694-04-3	--	--	200	10
PCB 134 (BZ)	2,2',3,3',5,6-Hexachlorobiphenyl	52704-70-8	--	--	400	40
PCB 135 (BZ)	2,2',3,3',5,6'-Hexachlorobiphenyl	52744-13-5	--	--	400	40
PCB 136 (BZ)	2,2',3,3',6,6'-Hexachlorobiphenyl	38411-22-2	--	--	200	10
PCB 137 (BZ)	2,2',3,4,4',5-Hexachlorobiphenyl	35694-06-5	--	--	200	20
PCB 138 (BZ)	2,2',3,4,4',5'-Hexachlorobiphenyl	35065-28-2	--	--	600	60
PCB 139 (BZ)	2,2',3,4,4',6-Hexachlorobiphenyl	56030-56-9	--	--	400	20
PCB 140 (BZ)	2,2',3,4,4',6'-Hexachlorobiphenyl	59291-64-4	--	--	400	20
PCB 141 (BZ)	2,2',3,4,5,5'-Hexachlorobiphenyl	52712-04-6	--	--	200	10
PCB 142 (BZ)	2,2',3,4,5,6-Hexachlorobiphenyl	41411-61-4	--	--	200	10
PCB 143 (BZ)	2,2',3,4,5,6'-Hexachlorobiphenyl	68194-15-0	--	--	400	40
PCB 144 (BZ)	2,2',3,4,5',6-Hexachlorobiphenyl	68194-14-9	--	--	200	10
PCB 145 (BZ)	2,2',3,4,6,6'-Hexachlorobiphenyl	74472-40-5	--	--	200	10
PCB 146 (BZ)	2,2',3,4',5,5'-Hexachlorobiphenyl	51908-16-8	--	--	200	20
PCB 147 (BZ)	2,2',3,4',5,6-Hexachlorobiphenyl	68194-13-8	--	--	400	40
PCB 148 (BZ)	2,2',3,4',5,6'-Hexachlorobiphenyl	74472-41-6	--	--	200	10
PCB 149 (BZ)	2,2',3,4',5',6-Hexachlorobiphenyl	38380-04-0	--	--	400	40
PCB 150 (BZ)	2,2',3,4',6,6'-Hexachlorobiphenyl	68194-08-1	--	--	200	20

Table 15-19. Project Screening Level and Laboratory Limits – Method 1668 PCBs in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analytical Group: *PCBs*

PCB Congener Number	Analyte	CAS Number	Project Action Limit (pg/L)	Project Action Limit Reference	Laboratory-specific	
					LOQ (pg/L)	LOD (pg/L)
PCB 151 (BZ)	2,2',3,5,5',6-Hexachlorobiphenyl	52663-63-5	--	--	400	40
PCB 152 (BZ)	2,2',3,5,6,6'-Hexachlorobiphenyl	68194-09-2	--	--	200	10
PCB 153 (BZ)	2,2',4,4',5,5'-Hexachlorobiphenyl	35065-27-1	--	--	400	40
PCB 154 (BZ)	2,2',4,4',5,6'-Hexachlorobiphenyl	60145-22-4	--	--	200	10
PCB 155 (BZ)	2,2',4,4',6,6'-Hexachlorobiphenyl	33979-03-2	--	--	200	10
PCB 156 (BZ)	2,3,3',4,4',5-Hexachlorobiphenyl	38380-08-4	4,000	HH	40	20
PCB 157 (BZ)	2,3,3',4,4',5'-Hexachlorobiphenyl	69782-90-7	4,000	HH	40	20
PCB 158 (BZ)	2,3,3',4,4',6-Hexachlorobiphenyl	74472-42-7	--	--	200	20
PCB 159 (BZ)	2,3,3',4,5,5'-Hexachlorobiphenyl	39635-35-3	--	--	200	10
PCB 160 (BZ)	2,3,3',4,5,6-Hexachlorobiphenyl	41411-62-5	--	--	200	20
PCB 161 (BZ)	2,3,3',4,5',6-Hexachlorobiphenyl	74472-43-8	--	--	200	10
PCB 162 (BZ)	2,3,3',4',5,5'-Hexachlorobiphenyl	39635-34-2	--	--	200	20
PCB 163 (BZ)	2,3,3',4',5,6-Hexachlorobiphenyl	74472-44-9	--	--	600	60
PCB 164 (BZ)	2,3,3',4',5',6-Hexachlorobiphenyl	74472-45-0	--	--	200	20
PCB 165 (BZ)	2,3,3',5,5',6-Hexachlorobiphenyl	74472-46-1	--	--	200	10
PCB 166 (BZ)	2,3,4,4',5,6-Hexachlorobiphenyl	41411-63-6	--	--	400	20
PCB 167 (BZ)	2,3',4,4',5,5'-Hexachlorobiphenyl	52663-72-6	4,000	HH	20	10
PCB 168 (BZ)	2,3',4,4',5',6-Hexachlorobiphenyl	59291-65-5	--	--	400	40
PCB 169 (BZ)[1]	3,3',4,4',5,5'-Hexachlorobiphenyl	32774-16-6	4.0	HH	20	10
PCB 170 (BZ)	2,2',3,3',4,4',5-Heptachlorobiphenyl	35065-30-6	--	--	200	20
PCB 171 (BZ)	2,2',3,3',4,4',6-Heptachlorobiphenyl	52663-71-5	--	--	400	20
PCB 172 (BZ)	2,2',3,3',4,5,5'-Heptachlorobiphenyl	52663-74-8	--	--	200	10
PCB 173 (BZ)	2,2',3,3',4,5,6-Heptachlorobiphenyl	68194-16-1	--	--	400	20
PCB 174 (BZ)	2,2',3,3',4,5,6'-Heptachlorobiphenyl	38411-25-5	--	--	200	20
PCB 175 (BZ)	2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	--	--	200	20
PCB 176 (BZ)	2,2',3,3',4,6,6'-Heptachlorobiphenyl	52663-65-7	--	--	200	10
PCB 177 (BZ)	2,2',3,3',4',5,6-Heptachlorobiphenyl	52663-70-4	--	--	200	20
PCB 178 (BZ)	2,2',3,3',5,5',6-Heptachlorobiphenyl	52663-67-9	--	--	200	10
PCB 179 (BZ)	2,2',3,3',5,6,6'-Heptachlorobiphenyl	52663-64-6	--	--	200	20
PCB 180 (BZ)	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065-29-3	--	--	400	40

Table 15-19. Project Screening Level and Laboratory Limits – Method 1668 PCBs in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analytical Group: *PCBs*

PCB Congener Number	Analyte	CAS Number	Project Action Limit (pg/L)	Project Action Limit Reference	Laboratory-specific	
					LOQ (pg/L)	LOD (pg/L)
PCB 181 (BZ)	2,2',3,4,4',5,6-Heptachlorobiphenyl	74472-47-2	--	--	200	10
PCB 182 (BZ)	2,2',3,4,4',5,6'-Heptachlorobiphenyl	60145-23-5	--	--	200	10
PCB 183 (BZ)	2,2',3,4,4',5',6-Heptachlorobiphenyl	52663-69-1	--	--	200	20
PCB 184 (BZ)	2,2',3,4,4',6,6'-Heptachlorobiphenyl	74472-48-3	--	--	200	20
PCB 185 (BZ)	2,2',3,4,5,5',6-Heptachlorobiphenyl	52712-05-7	--	--	200	20
PCB 186 (BZ)	2,2',3,4,5,6,6'-Heptachlorobiphenyl	74472-49-4	--	--	200	10
PCB 187 (BZ)	2,2',3,4',5,5',6-Heptachlorobiphenyl	52663-68-0	--	--	200	20
PCB 188 (BZ)	2,2',3,4',5,6,6'-Heptachlorobiphenyl	74487-85-7	--	--	200	10
PCB 189 (BZ)	2,3,3',4,4',5,5'-Heptachlorobiphenyl	39635-31-9	4,000	HH	20	10
PCB 190 (BZ)	2,3,3',4,4',5,6-Heptachlorobiphenyl	41411-64-7	--	--	200	20
PCB 191 (BZ)	2,3,3',4,4',5',6-Heptachlorobiphenyl	74472-50-7	--	--	200	20
PCB 192 (BZ)	2,3,3',4,5,5',6-Heptachlorobiphenyl	74472-51-8	--	--	200	20
PCB 193 (BZ)	2,3,3',4',5,5',6-Heptachlorobiphenyl	69782-91-8	--	--	400	40
PCB 194 (BZ)	2,2',3,3',4,4',5,5'-Octachlorobiphenyl	35694-08-7	--	--	200	20
PCB 195 (BZ)	2,2',3,3',4,4',5,6-Octachlorobiphenyl	52663-78-2	--	--	200	20
PCB 196 (BZ)	2,2',3,3',4,4',5,6'-Octachlorobiphenyl	42740-50-1	--	--	200	20
PCB 197 (BZ)	2,2',3,3',4,4',6,6'-Octachlorobiphenyl	33091-17-7	--	--	200	20
PCB 198 (BZ)	2,2',3,3',4,5,5',6-Octachlorobiphenyl	68194-17-2	--	--	400	20
PCB 199 (BZ) 200 (EPA)	2,2',3,3',4,5,6,6'-Octachlorobiphenyl	52663-73-7	--	--	200	20
PCB 200 (BZ) 201 (EPA)	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	40186-71-8	--	--	200	20
PCB 201 (BZ) 199 (EPA)	2,2',3,3',4,5,5',6'-Octachlorobiphenyl	52663-75-9	--	--	400	20
PCB 202 (BZ)	2,2',3,3',5,5',6,6'-octachlorobiphenyl	2136-99-4	--	--	200	10
PCB 203 (BZ)	2,2',3,4,4',5,5',6-Octachlorobiphenyl	52663-76-0	--	--	200	20
PCB 204 (BZ)	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	74472-52-9	--	--	200	20
PCB 205 (BZ)	2,3,3',4,4',5,5',6-Octachlorobiphenyl	74472-53-0	--	--	200	10
PCB 206 (BZ)	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	40186-72-9	--	--	200	10
PCB 207 (BZ)	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	52663-79-3	--	--	200	10
PCB 208 (BZ)	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	52663-77-1	--	--	200	10
PCB 209 (BZ)	Decachlorobiphenyl	2051-24-3	--	--	200	20

Note:

Because of the toxicological significance of PCBs, if results below the LOQ are to be reported, they will be reported to the LOD.

Table 15-20. Project Screening Level and Laboratory Limits – Method 8323M in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Butyltins

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
Dibutyltin	1002-53-5	6.0	HH	0.039		0.039
Tetra-n-butyltin	1461-25-2	3.7	HH	0.05		0.05
Tributyltin	688-73-3	0.072	Eco	0.045		0.045

Table 15-21. Project Screening Level and Laboratory Limits – Method SW6020/7470 in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Metals

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
Aluminum	7429-90-5	380	Eco	8.25	30	200
Antimony	7440-36-0	5.6	HH	0.4	1	2
Arsenic*	7440-38-2	0.018	HH	0.5	2	5
Barium	7440-39-3	220	Eco	0.38	0.95	3
Beryllium	7440-41-7	5.3	Eco	0.303	0.6	1
Cadmium*	7440-43-9	0.72	Eco	0.19	0.75	1
Calcium	7440-70-2	120,000	Eco	32.3	100	200
Chromium	7440-47-3	74	Eco	0.5	1.8	3
Cobalt	7440-48-4	6.0	HH	0.33	0.9	1
Copper*	7440-50-8	1.4	Eco	0.71	1.8	2
Iron	7439-89-6	1,000	Eco	8.67	40	200
Lead	7439-92-1	2.5	Eco	0.23	0.7	1
Magnesium	7439-95-4	82,000	Eco	4.16	15	200
Manganese	7439-96-5	50	HH	0.51	1.8	3
Molybdenum	7439-98-7	100	HH	0.37	1.2	2
Nickel	7440-02-0	52	Eco	0.83	1.9	3
Potassium	7440-09-7	53,000	Eco	52	76	1,000
Selenium*	7782-49-2	3.1	Eco	1	4	5
Silver*	7440-22-4	0.32	Eco	0.045	0.15	1
Sodium	7440-23-5	680,000	Eco	73.3	150	1,000
Thallium*	7440-28-0	0.20	HH	0.21	0.75	1

Table 15-21. Project Screening Level and Laboratory Limits – Method SW6020/7470 in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Metals

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
Vanadium	7440-62-2	27	Eco	1.12	3	5
Zinc	7440-66-6	120	Eco	2	8	10
Mercury	7439-97-6	0.77	Eco	0.061	0.08	0.2

* Project Action Level (PAL) is less than the laboratory-specified Level of Quantitation (LOQ).

Table 15-22. Project Screening Level and Laboratory Limits – Method SW8015 in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: TPH

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
DRO (C10-C28)*	STL00143	100	HH	32.6	120	250
ORO (C20-C38)	STL02073	--	--	56.1	125	500
GRO (C6-C10)	8006-61-9	110	HH	10	20	25

* Project Action Level (PAL) is less than the laboratory-specified Level of Quantitation (LOQ).

Table 15-23. Project Screening Level and Laboratory Limits – Method SW8081 in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Pesticides

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
4,4'-DDD*	72-54-8	0.00012	HH	0.0042	0.05	0.05
4,4'-DDE*	72-55-9	0.000018	HH	0.0042	0.022	0.05
4,4'-DDT*	50-29-3	0.000030	HH	0.024	0.05	0.05
Aldrin*	309-00-2	0.00000077	HH	0.0062	0.021	0.05
alpha-BHC*	319-84-6	0.00036	HH	0.00965	0.029	0.05
beta-BHC*	319-85-7	0.0080	HH	0.0091	0.04	0.05
cis-Chlordane*	5103-71-9	0.00031	HH	0.0088	0.029	0.05
delta-BHC*	319-86-8	0.00036	HH	0.0078	0.024	0.05
Dieldrin*	60-57-1	0.0000012	HH	0.0046	0.016	0.05
Endosulfan I	959-98-8	0.056	Eco	0.00584	0.022	0.05
Endosulfan II	33213-65-9	0.056	Eco	0.0066	0.04	0.05

Table 15-23. Project Screening Level and Laboratory Limits – Method SW8081 in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Pesticides

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
Endosulfan sulfate	1031-07-8	0.056	Eco	0.0049	0.018	0.05
Endrin*	72-20-8	0.030	HH	0.0086	0.024	0.05
Endrin aldehyde*	7421-93-4	0.036	Eco	0.00865	0.024	0.05
gamma-BHC (Lindane)*	58-89-9	0.043	HH	0.0103	0.031	0.05
Heptachlor*	76-44-8	0.0000059	HH	0.01	0.05	0.05
Heptachlor epoxide*	1024-57-3	0.000032	HH	0.0032	0.036	0.05
Methoxychlor*	72-43-5	0.020	HH	0.014	0.036	0.1
Toxaphene*	8001-35-2	0.00020	Eco	1.5	3	3
trans-Chlordane*	5103-74-2	0.00031	HH	0.00715	0.03	0.05

* Project Action Level (PAL) is less than the laboratory-specified Level of Quantitation (LOQ).

Table 15-24. Project Screening Level and Laboratory Limits – Method SW8260 in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Volatiles

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
1,1,1,2-Tetrachloroethane*	630-20-6	0.57	HH	0.577	0.8	1
1,1,1-Trichloroethane	71-55-6	76	Eco	0.39	0.5	1
1,1,2,2-Tetrachloroethane*	79-34-5	0.076	HH	0.21	0.8	1
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10,000	HH	0.729	1.8	3
1,1,2-Trichloroethane*	79-00-5	0.28	HH	0.27	0.8	1
1,1-Dichloroethane	75-34-3	2.8	HH	0.22	0.8	1
1,1-Dichloroethene	75-35-4	130	Eco	0.23	0.8	1
1,1-Dichloropropene*	563-58-6	0.47	HH	0.416	0.8	1
1,2,3-Trichlorobenzene	87-61-6	7.0	HH	0.704	0.8	2
1,2,3-Trichloropropane*	96-18-4	0.00075	HH	0.858	1.8	2.5
1,2,4-Trichlorobenzene*	120-82-1	0.071	HH	0.584	0.8	1
1,2,4-Trimethylbenzene	95-63-6	15	Eco	0.15	0.4	1
1,2-Dibromo-3-chloropropane*	96-12-8	0.00033	HH	1.76	4	5
1,2-Dichlorobenzene	95-50-1	14	Eco	0.372	0.5	1
1,2-Dichloroethane*	107-06-2	0.17	HH	0.541	0.8	1

Table 15-24. Project Screening Level and Laboratory Limits – Method SW8260 in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Volatiles

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
1,2-Dichloroethene, total	540-59-0	970	Eco	0.321	0.4	1
1,2-Dichloropropane*	78-87-5	0.85	HH	0.515	0.8	1
1,3,5-Trimethylbenzene	108-67-8	26	Eco	0.368	0.5	1
1,3-Dichlorobenzene*	541-73-1	0.48	HH	0.334	0.4	1
1,3-Dichloropropane*	142-28-9	0.90	HH	0.379	0.8	1
1,3-Dichloropropene, total*	542-75-6	0.27	HH	0.626	0.8	2
1,4-Dichlorobenzene*	106-46-7	0.48	HH	0.389	0.5	1
2,2-Dichloropropane*	594-20-7	0.85	HH	0.38	0.8	1
2-Butanone (MEK)	78-93-3	5,600	HH	5.95	12	15
2-Chlorotoluene	95-49-8	240	HH	0.341	0.4	1
2-Hexanone	591-78-6	38	HH	1.7	4	5
3-Chloro-1-propene*	107-05-1	0.73	HH	0.17	0.4	2
4-Chlorotoluene	106-43-4	250	HH	0.21	0.8	1
4-Isopropyltoluene	99-87-6	16	Eco	0.428	0.8	1
4-Methyl-2-pentanone (MIBK)	108-10-1	170	Eco	0.98	3.2	5
Acetone	67-64-1	1,700	Eco	6.6	8	15
Acrylonitrile*	107-13-1	0.052	HH	4.47	8	20
Benzene*	71-43-2	0.46	HH	0.308	0.8	1
Bromobenzene	108-86-1	62	HH	0.397	0.5	1
Bromoform	75-25-2	3.3	HH	1.21	1.8	2
Bromomethane	74-83-9	7.5	HH	2.36	4	5
Carbon disulfide	75-15-0	15	Eco	0.631	0.8	2
Carbon tetrachloride*	56-23-5	0.40	HH	0.566	0.8	1
Chlorobenzene	108-90-7	25	Eco	0.422	0.8	1
Chlorobromomethane*	74-97-5	0.13	HH	0.403	0.8	1
Chlorodibromomethane*	124-48-1	0.17	HH	0.618	1.8	2
Chloroethane	75-00-3	21,000	HH	1.37	1.6	4
Chloroform*	67-66-3	0.22	HH	0.358	0.8	1
Chloromethane	74-87-3	190	HH	0.753	1	2
cis-1,2-Dichloroethene	156-59-2	36	HH	0.321	0.4	1
cis-1,3-Dichloropropene*	10061-01-5	0.47	HH	0.626	1.8	2

Table 15-24. Project Screening Level and Laboratory Limits – Method SW8260 in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Volatiles

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
Cyclohexane	110-82-7	160	Eco	0.44	0.8	1
Dibromomethane	74-95-3	8.3	HH	0.343	0.4	1
Dichlorobromomethane*	75-27-4	0.13	HH	0.386	0.5	1
Dichlorodifluoromethane	75-71-8	200	HH	0.962	2.5	3
Ethyl ether	60-29-7	3,900	HH	0.354	0.8	2
Ethyl methacrylate	97-63-2	630	HH	0.86	2	3
Ethylbenzene	100-41-4	1.5	HH	0.303	0.4	1
Ethylene dibromide*	106-93-4	0.0075	HH	0.404	0.8	1
Hexachlorobutadiene*	87-68-3	0.010	HH	1.17	1.8	2
Hexane*	110-54-3	0.60	Eco	0.163	0.8	2
Iodomethane	74-88-4	--	--	2.58	4	5
Isopropylbenzene	98-82-8	4.8	Eco	0.363	0.5	1
Methyl acetate	79-20-9	20,000	HH	1.64	4	5
Methyl tert-butyl ether	1634-04-4	14	HH	0.25	0.8	5
Methylcyclohexane	108-87-2	52	Eco	0.314	0.4	1
Methylene chloride	75-09-2	11	HH	0.938	1.8	2
m-Xylene & p-Xylene	179601-23-1	13	Eco	0.356	0.8	2
Naphthalene*	91-20-3	0.17	HH	0.634	0.8	2
n-Butylbenzene	104-51-8	1,000	HH	0.475	0.8	1
n-Propylbenzene	103-65-1	660	HH	0.531	0.8	1
o-Xylene	95-47-6	27	Eco	0.331	0.4	1
sec-Butylbenzene	135-98-8	2,000	HH	0.447	0.8	1
Styrene	100-42-5	32	Eco	0.356	0.8	1
tert-Butylbenzene	98-06-6	690	HH	0.421	0.8	1
Tetrachloroethene	127-18-4	10	HH	0.403	0.8	1
Tetrahydrofuran	109-99-9	3,400	HH	2.03	6.4	7
Toluene	108-88-3	57	HH	0.322	0.4	1
Total BTEX	STL00431	--	--	0.303	0.4	1
trans-1,2-Dichloroethene	156-60-5	100	HH	0.368	0.5	1
trans-1,3-Dichloropropene*	10061-02-6	0.47	HH	0.646	1.8	2
trans-1,4-Dichloro-2-butene*	110-57-6	0.0013	HH	1.38	1.6	3

Table 15-24. Project Screening Level and Laboratory Limits – Method SW8260 in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Volatiles

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
Trichloroethene*	79-01-6	0.49	HH	0.3	0.4	1
Trichlorofluoromethane	75-69-4	1,100	HH	0.566	0.8	2
Trihalomethanes, total	STL00209	--	--	0.358	0.8	1
Vinyl acetate	108-05-4	16	Eco	0.94	2	3
Vinyl chloride*	75-01-4	0.022	HH	0.505	1	2

* Project Action Level (PAL) is less than the laboratory-specified Level of Quantitation (LOQ).

Table 15-25. Project Screening Level and Laboratory Limits – Method SW8270 in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Semivolatiles

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
1,2,4,5-Tetrachlorobenzene*	95-94-3	0.030	HH	1.78	8	10
1,2,4-Trichlorobenzene*	120-82-1	0.071	HH	1.55	3.2	4
1,2-Dichlorobenzene	95-50-1	14	Eco	1.33	3.2	4
1,2-Diphenylhydrazine*	122-66-7	0.030	HH	0.59	8	10
1,3-Dichlorobenzene*	541-73-1	0.48	HH	1.42	8	10
1,4-Dichlorobenzene*	106-46-7	0.48	HH	1.41	3.2	4
1-Methylnaphthalene*	90-12-0	0.0063	HH	1.19	3.2	4
2,2'-oxybis(1-chloropropane)	108-60-1	710	HH	1.31	8	10
2,4,5-Trichlorophenol*	95-95-4	4.9	Eco	0.9	8	10
2,4,6-Trichlorophenol*	88-06-2	1.5	HH	0.71	8	10
2,4-Dichlorophenol	120-83-2	10	HH	0.64	8	10
2,4-Dimethylphenol	105-67-9	15	Eco	1.36	8	10
2,4-Dinitrophenol*	51-28-5	10	HH	12.8	20	30
2,4-Dinitrotoluene*	121-14-2	0.049	HH	1.43	8	10
2,6-Dichlorophenol	87-65-0	--	--	0.74	8	10
2,6-Dinitrotoluene*	606-20-2	0.049	HH	1.42	8	10
2-Chloronaphthalene	91-58-7	750	HH	1.27	3.2	4
2-Chlorophenol	95-57-8	14	HH	0.68	8	10
2-Methylnaphthalene	91-57-6	4.7	Eco	1.22	3.2	4

Table 15-25. Project Screening Level and Laboratory Limits – Method SW8270 in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Semivolatiles

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
2-Methylphenol	95-48-7	67	Eco	0.77	8	10
3 & 4 Methylphenol	15831-10-4	53	Eco	0.8	8	10
3,3'-Dichlorobenzidine*	91-94-1	0.049	HH	3.38	30	50
3-Nitroaniline	99-09-2	190	HH	3.34	8	10
4,6-Dinitro-2-methylphenol*	534-52-1	1.5	HH	4.03	30	50
4-Chloroaniline*	106-47-8	0.37	HH	6.28	12.8	20
4-Chlorophenyl phenyl ether	7005-72-3	--	--	1.24	8	10
4-Nitroaniline*	100-01-6	3.8	HH	2.61	8	10
4-Nitrophenol	100-02-7	58	Eco	9.05	12.8	25
Acenaphthene	83-32-9	15	Eco	0.96	3.2	4
Acenaphthylene*	208-96-8	0.12	HH	0.746	3.2	4
Anthracene*	120-12-7	0.020	Eco	0.58	3.2	4
Benzidine*	92-87-5	0.00011	HH	38.8	64	100
Benzo(a)anthracene*	56-55-3	0.0012	HH	0.39	3.2	4
Benzo(a)pyrene*	50-32-8	0.00012	HH	0.5	3.2	4
Benzo(b)fluoranthene*	205-99-2	0.0012	HH	1.19	3.2	4
Benzo(g,h,i)perylene*	191-24-2	0.012	Eco	0.51	3.2	4
Benzo(k)fluoranthene*	207-08-9	0.012	HH	0.4	3.2	4
Benzoic acid*	65-85-0	42	Eco	24	48	60
Benzyl alcohol*	100-51-6	8.6	Eco	2.5	8	10
Bis(2-chloroethoxy)methane	111-91-1	59	HH	0.81	8	10
Bis(2-chloroethyl)ether*	111-44-4	0.014	HH	2.02	8	10
Bis(2-ethylhexyl) phthalate*	117-81-7	0.32	HH	3.32	8	10
Butyl benzyl phthalate*	85-68-7	0.10	HH	1.53	3.2	4
Carbazole	86-74-8	4.0	Eco	0.5	3.2	4
Chrysene[1]	218-01-9	0.12	HH	1.99	3.2	4
Dibenz(a,h)anthracene*	53-70-3	0.00012	HH	0.58	8	10
Dibenzofuran	132-64-9	4.0	Eco	0.95	3.2	4
Diethyl phthalate	84-66-2	220	Eco	0.589	3.2	4
Dimethyl phthalate	131-11-3	1100	Eco	0.75	3.2	4
Di-n-butyl phthalate	84-74-2	19	Eco	0.45	3.2	4

Table 15-25. Project Screening Level and Laboratory Limits – Method SW8270 in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Semivolatiles

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
Di-n-octyl phthalate*	117-84-0	0.32	HH	3.6	8	10
Fluoranthene*	206-44-0	0.80	Eco	0.5	3.2	4
Fluorene	86-73-7	19	Eco	0.784	3.2	4
Hexachlorobenzene*	118-74-1	0.000079	HH	0.86	8	10
Hexachlorobutadiene*	87-68-3	0.010	HH	2.86	8	10
Hexachlorocyclopentadiene*	77-47-4	0.41	HH	16	48	50
Hexachloroethane*	67-72-1	0.10	HH	4.46	8	10
Indeno(1,2,3-cd)pyrene*	193-39-5	0.0012	HH	1.34	8	10
Isophorone	78-59-1	34	HH	1.98	8	10
Naphthalene*	91-20-3	0.17	HH	1.51	3.2	4
Nitrobenzene*	98-95-3	0.14	HH	1.25	8	10
n-Nitrosodimethylamine*	62-75-9	0.00011	HH	0.57	8	10
n-Nitrosodi-n-propylamine*	621-64-7	0.0050	HH	1.91	8	10
n-Nitrosodiphenylamine*	86-30-6	3.3	HH	0.77	8	10
n-Nitrosopyrrolidine*	930-55-2	0.016	HH	4.9	8	10
Pentachlorophenol*	87-86-5	0.030	HH	20	48	50
Phenanthrene*	85-01-8	2.3	Eco	1.58	3.2	4
Phenol	108-95-2	160	Eco	0.92	8	10
Pyrene*	129-00-0	4.6	Eco	0.53	8	10

* Project Action Level (PAL) is less than the laboratory-specified Level of Quantitation (LOQ).

Table 15-26. Project Screening Level and Laboratory Limits – Method SW8270SIM in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Semivolatiles

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
1-Methylnaphthalene*	90-12-0	0.0063	HH	0.0183	0.08	0.1
2-Methylnaphthalene	91-57-6	4.7	Eco	0.0214	0.08	0.1
Acenaphthene	83-32-9	15	Eco	0.0042	0.08	0.1
Acenaphthylene	208-96-8	0.12	HH	0.0051	0.08	0.1
Anthracene*	120-12-7	0.020	Eco	0.0307	0.08	0.1

Table 15-26. Project Screening Level and Laboratory Limits – Method SW8270SIM in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Semivolatiles

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
Benzo(a)anthracene*	56-55-3	0.0012	HH	0.0283	0.08	0.1
Benzo(a)pyrene*	50-32-8	0.00012	HH	0.0248	0.08	0.1
Benzo(b)fluoranthene*	205-99-2	0.0012	HH	0.0396	0.08	0.1
Benzo(g,h,i)perylene*	191-24-2	0.012	Eco	0.0372	0.08	0.1
Benzo(k)fluoranthene*	207-08-9	0.012	HH	0.0229	0.08	0.1
Chrysene	218-01-9	0.12	HH	0.0331	0.08	0.1
Dibenz(a,h)anthracene*	53-70-3	0.00012	HH	0.0277	0.08	0.1
Fluoranthene	206-44-0	0.80	Eco	0.0486	0.08	0.1
Fluorene	86-73-7	19	Eco	0.0192	0.08	0.1
Indeno(1,2,3-cd)pyrene*	193-39-5	0.0012	HH	0.0392	0.08	0.1
Naphthalene	91-20-3	0.17	HH	0.023	0.08	0.1
Phenanthrene	85-01-8	2.3	Eco	0.0494	0.08	0.1
Pyrene	129-00-0	4.6	Eco	0.0451	0.08	0.1

* Project Action Level (PAL) is less than the laboratory-specified Level of Quantitation (LOQ).

Table 15-27. Project Screening Level and Laboratory Limits – Method SW8321 in Seeps
Uniform Federal Policy Quality Assurance Project Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Matrix: Water
Analyte Group: Herbicides

Analyte	CAS Number	Project Action Limit (µg/L)	Project Action Limit Reference	MDL (µg/L)	LOD (µg/L)	LOQ (µg/L)
2,4,5-T	93-76-5	160	HH	1.45	4	5
2,4-D	94-75-7	79	Eco	1.58	4	5
2,4-DB	94-82-6	--	--	2.99	4	6
Dicamba	1918-00-9	15	Eco	0.849	4	5
Dichlorprop	120-36-5	--	--	1.64	4	5
Dinoseb*	88-85-7	0.48	Eco	0.225	1	5
MCPA*	94-74-6	2.6	Eco	0.642	4	5
MCPP	93-65-2	16	HH	0.765	4	5
Silvex (2,4,5-TP)	93-72-1	30	Eco	0.97	2	5

* Project Action Level (PAL) is less than the laboratory-specified Level of Quantitation (LOQ).

WORKSHEET #17

Sampling Design and Rationale

This worksheet provides an overview of the sampling design and rationale for the Upland OU SRI. The DQOs are outlined in Worksheet #11, Table 11-1. Table 18-1 in Worksheet #18 presents a detailed summary of samples to be collected, sampling depths, and analytes~~, and rationale~~ for the Landfill AOPC, Sandblast Area AOPC, Road Complex, and West Bradford Island. Figures with proposed sampling at each area are provided in Section 4. Field activities and sampling design and rationale ~~to be conducted in accordance with the tasks and schedule presented in Worksheet #14/16 are briefly~~ are summarized as follows:

- Landfill AOPC:
  - Surface and s~~S~~ubsurface soil samples will be collected at three locations around MW-10 (see Figure 4-1). Continuous cores will be advanced and logged to approximately 5 feet bgs using direct push technology (DPT) to address DQO 001. A near-surface soil sample (0 to 1 foot bgs) and subsurface soil sample (3 to 5 feet bgs) will be collected from each core and submitted for analysis of PCB congeners. These borings have been preliminarily located between about 20 and 30 feet from MW-10 to evaluate whether PCBs measured in MW-10 groundwater could be from a past release to surface or near-surface soils in the vicinity. Prior to finalizing these boring locations, a metal detector sweep of the area within 50 feet of MW-10 will be conducted to look for evidence of metal containers such as drums or transformers that could have contained PCBs. If any evidence is found, the boring locations may be adjusted to target suspected areas where a release could have occurred. To the extent practical, soil sample locations will be selected from natural topographic lows.
  - Two groundwater monitoring wells (MW-16 and MW-17) will be installed, developed, and sampled. The wells will be installed using a sonic drilling method to approximately 40 and 90 feet bgs, respectively, to address DQOs 001 and 002 (see Figure 4-2). These wells will be screened in the slide block so that water levels can be directly compared to levels in MW-10 to evaluate groundwater flow directions in the slide block. MW-16 has been located at the southern edge of the landfill directly between the landfill and MW-10 to evaluate whether the landfill could be a source of PCBs in groundwater flowing to MW-10 under certain hydraulic conditions. MW-17 has been positioned approximately 140 feet southwest of MW-10 in a saddle area along a former road to evaluate groundwater flow conditions (including possible presence of groundwater divide) and assess the potential for PCBs in groundwater originating from a release in this part of the island. Wells will be constructed in a similar manner to existing wells with 2-inch Schedule 40 polyvinyl chloride (PVC) riser and 0.01-inch slotted screens 10 feet in length, and 20/40 sand filter packs. ~~Consistent with past practice at the site, t~~The boreholes will be advanced to about ~~10~~ 15 feet below the ~~first observed occurrence of saturated material (colluvium/alluvium/weathered~~top of the slide block.~~)~~ ~~or to the top of the slide block, whichever is shallower. In general, the well screens will be set within about 2 feet of the top of the observed saturated zone, depending on the season. If the well is installed during the dry season, the screen will be set a little shallower to accommodate the rising water table. The well will be installed at the water table in the wet season.~~
  - Groundwater samples will be collected during two separate events approximately 6 months apart, to address DQOs 001 and 002. Round 1 will include collecting groundwater samples in four monitoring wells (MW-02, MW-10, MW-16, and MW-17) for chemical analysis of PCB congeners. Round 2 will include collecting groundwater samples from 12 monitoring wells (MW-1, MW-02, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, MW-9, MW-10, MW 16, and

MW-17) for chemical analysis of VOCs, PCB congeners, PAHs, SVOCs, organochlorine pesticides (OCPs), chlorinated herbicides, and target analyte list (TAL) metals. Groundwater samples from seven wells (MW-1, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8) that had TPH and/or butyltin detections in 2022 will also be analyzed for those analyte groups.~~; sampling will include four monitoring wells in Round 1 and 12 monitoring wells in Round 2.~~

– Transducers will be deployed in ~~four~~ eight monitoring wells ~~during~~ following Round 1 ~~of~~ groundwater sampling and will be left in place for 12 months to address DQO 002. The transducer locations at the landfill were selected to spread coverage over the east end of the island with four wells (MW-1, MW-2, MW-3, and MW-5) screened in the colluvium/weathered slide block (shallow) and four wells (MW-8, MW-10, MW-16, and MW-17) screened in the slide block (deep). The four shallow wells are spread out across the landfill area. The four deep wells include new well MW-17 to the south, MW-10 ("reference" well with PCBs detected), new well MW-16 near southern boundary of landfill, and MW-8 in central part of landfill. This set of eight wells includes a well pair (MW-5/MW-8) to monitor vertical hydraulic gradient.

– Seep samples will be collected from 10 seep locations (if running) during two separate events~~.~~, approximately 6 months apart, to address DQO 002. A shoreline survey, including the north, south and east portions of Bradford Island will be conducted. Rounds 1 and 2 will include collection of samples from up to 10 seep locations, if identified, during the shoreline survey. Access to seeps will be limited and require a boat to determine if they are flowing and samples can be collected. To the extent practical, seep sampling will be timed to coincide with low Bonneville pool elevation and high groundwater levels (rainy season). All seep samples will be submitted for chemical analysis of VOCs, PCB congeners, PAHs, SVOCs, OCPs, chlorinated herbicides, TPH, butyltins, and TAL metals.

- Sandblast Area AOPC:

  – To address DQO 003, continuous cores will be advanced and logged at the following locations using DPT within the Sandblast Area AOPC to various depths, as follows:

    - Three boreholes will be advanced to approximately 15 feet bgs within the Erodible Soils Unit to better delineate the vertical extent of contamination. ~~Surface/subsurface soil samples will be collected at 20 locations~~ (~~see~~ Figure 4-3 ~~and 4-5~~). Currently there are no data between 0.17 and 13 feet bgs. Up to five distinct subsurface soil samples will be collected from each core at various intervals (e.g., 1 to 2 feet bgs, 5 to 6 feet bgs, 8 to 9 feet bgs, 11 to 12 feet bgs, 14 to 15 feet bgs). A boring depth of 15 feet was selected to match the approximate depth to the water table in this area. The boring locations are spread out across the Erodible Soils Unit to also get better information on horizontal extent. The samples will be submitted for chemical analysis of VOCs, PCB congeners, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals. Based on field observations and PID readings, six samples from these borings will be selected for TPH and butyltins analyses.

    - Two boreholes will be advanced behind the Current HMSA (Figure 4-3) up to approximately 10 feet bgs to further delineate the lateral and vertical extent of PCE hotspot. These boreholes will be adjacent to historical sample location SBB18 where a soil PCE/TCE hotspot (420 mg/kg and 3.2 mg/kg, respectively) was detected at 2.5 feet bgs. Prior to selecting final locations, limited soil gas screening will be conducted with shallow soil gas probes (up to 2 feet bgs) and a PID. Given the limited space behind the Current HMSA and previous sample locations, two soil borings should be sufficient to meet DQOs. If the DPT rig cannot access the locations, a hand auger will be used to advance the soil borings to 5 feet bgs. Up to four distinct subsurface soil samples will be collected at different selected intervals (e.g., 1 to 2 feet bgs, 4 to 5 feet bgs, 7 to 8 feet bgs, 9 to 10 feet bgs) dependent on the method used to advance the borings, PID readings, and field observations. A maximum

boring depth of 10 feet was selected to match the approximate depth to the water table in this area. Samples will be submitted for chemical analysis of VOCs.

- One borehole will be advanced near the former sandblast building (Figure 4-3) to approximately 15 feet bgs to further delineate the vertical extent of PCE/TCE adjacent to historical sample location SB-12 (see Figure 3-10) where a soil gas PCE/TCE hotspot (34,000 micrograms per cubic meter [µg/m^3] and 620 µg/m^3, respectively) was detected between 3.5 and 4 feet bgs. Up to five distinct subsurface soil samples will be collected at different selected intervals (e.g., 1 to 2 feet bgs, 5 to 6 feet bgs, 8 to 9 feet bgs, 11 to 12 feet bgs, 13 to 14 feet bgs) dependent on PID readings and field observations. A boring depth of 15 feet was selected to match the approximate depth to the water table in this area. Samples will be submitted for analysis of VOCs, PCB congeners, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals. Based on field observations and PID readings, four samples from these borings will be selected for TPH and butyltins analyses.

– To address DQO 006, continuous cores will be advanced and logged at the following locations using DPT within the Sandblast Area AOPC near the Former HMSA to various depths, as follows:

  - Ten boreholes will be advanced to 3 feet bgs within an approximately 50-foot grid in the southern portion of the Sandblast Area AOPC near the Former HMSA (Figure 4-5). One surface (0 to 1 foot bgs) and two subsurface samples (1 to 2 feet bgs, 2 to 3 feet bgs) will be collected from each core. A boring depth of three feet was selected since existing data suggest shallow soil contamination with primarily metals and PAH contamination thought to have limited downward mobility. Samples will be submitted for chemical analysis of PAHs, SVOCs, OCPs, and TAL metals. Based on field observations and PID readings, two samples from these borings will be selected for TPH and butyltins analyses.

  - Four boreholes will be advanced to approximately 3 feet bgs adjacent to historical surface soil sample locations DSA07, DSA10, DSA11, and DSA12. Two subsurface soil samples (1 to 2 feet bgs, 2 to 3 feet bgs) will be collected from each core. Samples will be submitted for chemical analysis of PAHs, SVOCs, OCPs, and TAL metals. Based on field observations and PID readings, two samples from these borings will be selected for TPH and butyltins analyses.

– To address DQOs 004 and 005, eight new monitoring wells (MW-18 through MW-25) will be installed using a sonic drilling method to depths between approximately 25 and 70 feet bgs. Wells will be constructed and developed in accordance with Worksheet #17 and the applicable SOPs (Appendix B). Wells will be constructed in a similar manner to existing wells with 2-inch Schedule 40 PVC riser and 0.01-inch slotted screens 10 feet in length, and 20/40 sand filter packs. Consistent with past practice at the site, the boreholes for wells screened in the colluvium/weathered slide block (shallow) will be advanced to about 10 feet below the first observed occurrence of saturated material (colluvium/alluvium/weathered slide block) or to the top of the slide block, whichever is shallower. In general, the well screens will be set within about 2 feet of the top of the observed saturated zone, depending on the season. If the well is installed during the dry season, the screen will be set a little shallower to accommodate the rising water table. The boreholes for wells to be screened in the slide block (deep) will be advanced to about 15 feet below the top of the slide block. The wells will be installed at the water table in the wet season. The following describes the location (Figures 4-4 and 4-5) and presents the rationale and screened interval for each of the new monitoring wells:

  - MW-18 – Evaluate potential groundwater flow northwest of MW-12 where highest VOC concentrations were detected in 2022. MW-18 will be screened in colluvium/WSB.

- MW-19 – Evaluate groundwater flow and quality downgradient of Sandblast Building and Current HMSA halfway between MW-14 and MW-15. MW-19 will be screened in colluvium/WSB.
- MW-20 – Evaluate groundwater contamination downgradient of Sandblast Building and Current HMSA in gap halfway between MW-12 and MW-13. MW-20 will be screened in colluvium/WSB.
- MW-21 – Evaluate groundwater flow and quality conditions upgradient of main Sandblast area along Tower Road. MW-21 will be screened in slide block.
- MW-22 – Will be paired with MW-11 and screened in the slide block to provide a better understanding of groundwater flow and quality in the slide block and monitor vertical hydraulic gradient. In addition, this well will be used to check for presence or absence of DNAPL in the slide block immediately downgradient of the Current HMSA and PCE soil hotspot.
- MW-23/MW-24 – Data from this new well pair will provide a better understanding of groundwater flow and quality immediately south of the former HMSA. Because it is south of the topographic high part of the island, groundwater flow is anticipated to be to the south. MW-23 will be screened in colluvium/WSB and MW-24 will be screened in slide block. This well pair will also provide a second well pair at the Sandblast Area to monitor vertical hydraulic gradient. Along with new wells MW-21, MW-22, MW-24 will be used to evaluate groundwater flow directions in the slide block.
- MW-25 – An additional well screened in colluvium/WSB just northwest of the former HMSA to help evaluate groundwater flow direction including the location of the groundwater divide and check for groundwater contamination being potentially transported to the northwest.

– ~~Four groundwater monitoring wells will be installed, developed, and sampled (see Figure 4-4). Wells will be constructed in a similar manner to existing wells with 2-inch Schedule 40 PVC riser and 0.01-inch slotted screens 10 feet in length, and 20/40 sand filter packs. Consistent with past practice at the site, the boreholes will be advanced to about 10 feet below the first observed occurrence of saturated material (colluvium/alluvium/weathered slide block) or to the top of the slide block, whichever is shallower. In general, the well screens will be set within about 2 feet of the top of the observed saturated zone, depending on the season. If the well is installed during the dry season, the screen will be set a little shallower to accommodate the rising water table. The well will be installed at the water table in the wet season.~~

– Groundwater samples will be collected during two separate events, approximately 6 months apart, to address DQOs 001 and 002. Round 1 will include collection of groundwater samples from the eight newly installed monitoring wells (MW-18 through MW-25). Round 2 will include collecting groundwater samples from 13 monitoring wells (MW-11 through MW-15 and MW-18 through MW-25). Groundwater samples from MW-11 through MW-22 will be submitted for chemical analysis of VOCs. Groundwater samples from monitoring wells MW-23, MW-24, and MW-25 will be submitted for chemical analysis of VOCs, SVOCs, PAHs, OCP and TAL metals.~~; sampling will include five monitoring wells in Round 1 and 10 wells in Round 2.~~

– Transducers will be deployed in ~~five~~ nine wells ~~during~~ following Round 1 ~~of~~ groundwater sampling and will be left in place for 12 months. The transducer locations were selected to spread coverage over much of the Sandblast Area AOPC with six wells (MW-11, MW-12, MW-18, MW-19, MW-23, and MW-25) screened in the colluvium/weathered slide block (shallow) and three wells (MW-21, MW-22 and MW-24) screened in the slide block (deep). The shallow wells include MW-11 near the Current HMSA (thought to be main source of VOCs), MW-12 in central part of Sandblast Area AOPC where some of highest VOC concentrations have been measured,

and MW-18 and MW-19 as locations spread out closer to the Columbia River. The deep wells include MW-21 on Tower Road in the central part of the island, MW-22 near the Current HMSA, and MW-24 immediately south of the Former HMSA. Well pairs (MW-11/MW-22 and MW-23/MW-24) will be used for monitoring vertical hydraulic gradients.

- Road Complex:
  - Surface soil samples will be collected at four locations (see Figure 4-6) from 0 to 1 foot bgs (below the current road surface) using a disposable hand trowel or shovel, to address DQO 007. The samples have been distributed roughly evenly across known historic roads on the eastern end of the island and positioned in areas with shallower surface gradients thought to be less affected by higher-velocity overland surface water flow. There will also be a fifth surface soil samples collected on the road near MW-10 as part of the DQO-001 that can serve a dual purpose. Collecting samples from a depth of 0 to 1 foot bgs is thought to have the best chance of capturing PCBs or metals from past practices that may have included grading or backfilling. Because PCBs are highly sorptive, they would not be expected to penetrate very deeply into the soil column, even after an extended time period. Samples will be submitted for chemical analysis of PCBs congeners and TAL metals.
- West Bradford Island:
  - Surface and subsurface soil samples will be collected at three locations (see Figure 4-7). Continuous cores will be advanced and logged to approximately 20 feet bgs at three locations using DPT to address DQO 008. These three borings are distributed along the top of the knoll created by the disposal of fish ladder dredge materials as visible on aerial photographs. One surface (0 to 1 foot bgs) and up to four distinct subsurface soil samples will be collected from each core at various intervals (e.g., 3 to 5 feet bgs, 8 to 10 feet bgs, 13 to 15 feet bgs and 18 to 20 feet bgs) and submitted for chemical analysis of VOCs, PCB congeners, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals. Based on field observations and PID readings, four samples from these borings will be selected for TPH and butyltins analyses.
  - Surface soil samples will be collected at ~~four~~ 11 locations (see Figure 4-7)~~.~~ from approximately 0 to 6 inches bgs using a disposable hand trowel or shovel to address DQO 008. The samples are distributed on all sides of the knoll to assess if chemicals of concern have been transported downward along the flanks of the knoll during dredge material placement or from subsequent erosion. Where possible, samples are positioned on topographic breaks in slope or benches, particularly on the north side of the knoll. Samples will be submitted for chemical analysis of VOCs, PCB congeners, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals.~~Although surface and subsurface samples will be collected from the fish ladder disposal piles placed on the knoll, only surface samples will be collected along the hillside to the west between the knoll and the storage yard since the main mode of transport from the disposal piles would be via surficial processes such as airborne transport or erosion.~~

WORKSHEET #18

Sampling Locations and Methods

Table 18-1 summarizes the sampling matrix, number of samples to be collected, sample depths, and analytical parameters~~, and the rationale~~ for sampling locations (see Section 4 figures) described in Worksheet #17.

Table 18-1. Sample Locations ~~and Sampling Rationale~~

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

					Sample ID		Analysis (Methods)					Archive					
Sample Location	Matrix	Well Screen Interval (feet bgs)	Sample Depth (feet bgs)[a]	Sample Method	First Round	Second Round	VOCs (8260D)	PCB Congeners (1668C)	PAHs (8270E SIM)	SVOCs (8270E)	OCPs (8081B)	Chlorinated Herbicides (8321B)	TAL Metals (6010D/6020B/7470A/7471B)	TPH-Gasoline Range (SW8015D-P)	TPH-Diesel and Oil Ranges (SW8015D-E)	Butyltins (SW8323M)	~~Rationale~~Notes
Landfill AOPC																	
LNFL-J001SB	Subsurface soil	--	0 to 1	DPT	LNFL-J001SB001	--	--	X	--	--	--	--	--	--	--	--	Advance three continuous core soil borings (LNFL-J001SB through LNFL-J003SB) to 5 feet bgs near existing monitoring well MW-10 to evaluate if PCB concentrations in groundwater detected in MW-10 are from a source near MW-10.
			3 to 5	DPT	LNFL-J001SB005	--	--	X	--	--	--	--	--	--	--	--	
LNFL-J002SB	Subsurface soil	--	0 to 1	DPT	LNFL-J002SB001	--	--	X	--	--	--	--	--	--	--	--	
			3 to 5	DPT	LNFL-J002SB005	--	--	X	--	--	--	--	--	--	--	--	
LNFL-J003SB	Subsurface soil	--	0 to 1	DPT	LNFL-J003SB001	--	--	X	--	--	--	--	--	--	--	--	
			3 to 5	DPT	LNFL-J003SB005	--	--	X	--	--	--	--	--	--	--	--	
MW-01[b]	Groundwater	20 to 30	25	Micropurge	--	MW-01-~~DD~~MMYYYY	X	X	X	X	X	X	X	X	X	X	Collect groundwater samples at existing monitoring well MW-01 to evaluate the concentrations of VOCs, PCBs, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals within the footprint of Landfill AOPC.
MW-02[b]	Groundwater	22 to 32	27	Micropurge	MW-02-~~DD~~MMYYYY	--	--	X	--	--	--	--	--	--	--	--	Collect two rounds of groundwater samples at MW-02 near existing reference well MW-10 (within the footprint of Landfill AOPC) to evaluate the concentrations of VOCs, PCBs, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals during different seasons of the year (e.g., summer and winter) and to evaluate changes in seasonal groundwater flow in the Landfill AOPC.
MW-02[b]	Groundwater	22 to 32	27	Micropurge	--	MW-02-~~DD~~MMYYYY	X	X	X	X	X	X	X	--	--	--	
MW-03[b]	Groundwater	11 to 21	16	Micropurge	--	MW-03-~~DD~~MMYYYY	X	X	X	X	X	X	X	X	X	X	Collect groundwater samples at existing monitoring well MW-03 to evaluate the concentrations of VOCs, PCBs, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals within the footprint of Landfill AOPC.
MW-04[b]	Groundwater	10 to 30	20	Micropurge	--	MW-04-~~DD~~MMYYYY	X	X	X	X	X	X	X	X	X	X	Collect groundwater samples at existing monitoring well MW-04 to evaluate the concentrations of VOCs, PCBs, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals within the footprint of Landfill AOPC.
MW-05[b]	Groundwater	10 to 35	22.5	Micropurge	--	MW-05-~~DD~~MMYYYY	X	X	X	X	X	X	X	X	X	X	Collect groundwater samples at existing monitoring well MW-05 to evaluate the concentrations of VOCs, PCBs, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals within the footprint of Landfill AOPC.
MW-06[b]	Groundwater	25 to 30	27.5	Micropurge	--	MW-06-~~DD~~MMYYYY	X	X	X	X	X	X	X	X	X	X	Collect groundwater samples at existing monitoring well MW-06 to evaluate the concentrations of VOCs, PCBs, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals within the footprint of Landfill AOPC.
MW-07[b]	Groundwater	5 to 30	17.5	Micropurge	--	MW-07-~~DD~~MMYYYY	X	X	X	X	X	X	X	X	X	X	Collect groundwater samples at existing monitoring well MW-07 to evaluate the concentrations of VOCs, PCBs, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals within the footprint of Landfill AOPC.
MW-08[b]	Groundwater	53 to 58	55.5	Micropurge	--	MW-08-~~DD~~MMYYYY	X	X	X	X	X	X	X	X	X	X	Collect groundwater samples at existing monitoring well MW-08 to evaluate the concentrations of VOCs, PCBs, PAHs, SVOCs, OCPs, chlorinated herbicides, TPH, butyltins, and TAL metals within the footprint of the Landfill AOPC.
MW-09[b]	Groundwater	10 to 15	12.5	Micropurge	--	MW-09-~~DD~~MMYYYY	X	X	X	X	X	X	X	--	--	--	Collect groundwater samples at existing monitoring well MW-09 to evaluate the concentrations of VOCs, PCBs, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals within the footprint of Landfill AOPC.
MW-10[b]	Groundwater	47 to 57	52	Micropurge	MW-10-~~DD~~MMYYYY	--	--	X	--	--	--	--	--	--	--	--	Collect two rounds of groundwater samples at existing reference well MW-10 to evaluate the concentrations of VOCs, PCBs, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals during different seasons of the year (e.g., summer and winter) and to evaluate changes in seasonal groundwater flow in the Landfill AOPC.
MW-10[b]	Groundwater	47 to 57	52	Micropurge	--	MW-10-~~DD~~MMYYYY	X	X	X	X	X	X	X	--	--	--	

Table 18-1. Sample Locations ~~and Sampling Rationale~~

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

					Sample ID		Analysis (Methods)					Archive					
Sample Location	Matrix	Well Screen Interval (feet bgs)	Sample Depth (feet bgs)[a]	Sample Method	First Round	Second Round	VOCs (8260D)	PCB Congeners (1668C)	PAHs (8270E SIM)	SVOCs (8270E)	OCPs (8081B)	Chlorinated Herbicides (8321B)	TAL Metals (6010D/6020B/7470A/7471B)	TPH-Gasoline Range (SW8015D-P)	TPH-Diesel and Oil Ranges (SW8015D-E)	Butyltins (SW8323M)	~~Rationale~~Notes
MW-16[c]	Groundwater	20 to 30	25	Micropurge	MW-16-~~DD~~MMYYYY	--	--	X	--	--	--	--	--	--	--	--	Install well MW-16 east of existing well MW-02. Install well MW-17 ~~as a potential new reference well~~ southwest of MW-10. Collect two rounds of groundwater samples at newly installed wells MW-16 and MW-17 to evaluate the concentrations of VOCs, PCBs, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals during different seasons of the year (e.g., summer and winter) and to evaluate changes in seasonal groundwater flow in the Landfill AOPC.
MW-16[c]	Groundwater	20 to 30	25	Micropurge	--	MW-16-~~DD~~MMYYYY	X	X	X	X	X	X	X	--	--	--	
MW-17[c]	Groundwater	60 to 70	65	Micropurge	MW-17-~~DD~~MMYYYY	--	--	X	--	--	--	--	--	--	--	--	
MW-17[c]	Groundwater	60 to 70	65	Micropurge	--	MW-17-~~DD~~MMYYYY	X	X	X	X	X	X	X	--	--	--	
UPL_SEEP-01	Seep	--	--	Grab	UPL_SEEP-01-~~DD~~MMYYYY	UPL_SEEP-01-~~DD~~MMYYYY	X	X	X	X	X	X	X	X	X	X	Collect two rounds of grab seep samples at locations (UPL_SEEP-01 through UPL_SEEP-10) to evaluate the concentrations of VOCs, PCBs, PAHs, SVOCs, OCPs, chlorinated herbicides, TPH, butyltins, and TAL metals during different seasons of the year (e.g., summer and winter) and to evaluate changes in seasonal groundwater flow in the Landfill AOPC.
UPL_SEEP-02	Seep	--	--	Grab	UPL_SEEP-02-~~DD~~MMYYYY	UPL_SEEP-02-~~DD~~MMYYYY	X	X	X	X	X	X	X	X	X	X	
UPL_SEEP-03	Seep	--	--	Grab	UPL_SEEP-03-~~DD~~MMYYYY	UPL_SEEP-03-~~DD~~MMYYYY	X	X	X	X	X	X	X	X	X	X	
UPL_SEEP-04	Seep	--	--	Grab	UPL_SEEP-04-~~DD~~MMYYYY	UPL_SEEP-04-~~DD~~MMYYYY	X	X	X	X	X	X	X	X	X	X	
UPL_SEEP-05	Seep	--	--	Grab	UPL_SEEP-05-~~DD~~MMYYYY	UPL_SEEP-05-~~DD~~MMYYYY	X	X	X	X	X	X	X	X	X	X	
UPL_SEEP-06	Seep	--	--	Grab	UPL_SEEP-06-~~DD~~MMYYYY	UPL_SEEP-06-~~DD~~MMYYYY	X	X	X	X	X	X	X	X	X	X	
UPL_SEEP-07	Seep	--	--	Grab	UPL_SEEP-07-~~DD~~MMYYYY	UPL_SEEP-07-~~DD~~MMYYYY	X	X	X	X	X	X	X	X	X	X	
UPL_SEEP-08	Seep	--	--	Grab	UPL_SEEP-08-~~DD~~MMYYYY	UPL_SEEP-08-~~DD~~MMYYYY	X	X	X	X	X	X	X	X	X	X	
UPL_SEEP-09	Seep	--	--	Grab	UPL_SEEP-09-~~DD~~MMYYYY	UPL_SEEP-09-~~DD~~MMYYYY	X	X	X	X	X	X	X	X	X	X	
UPL_SEEP-10	Seep	--	--	Grab	UPL_SEEP-10-~~DD~~MMYYYY	UPL_SEEP-10-~~DD~~MMYYYY	X	X	X	X	X	X	X	X	X	X	
Total Primary Subsurface Soil Samples for Landfill AOPC							--	6	--	--	--	--	--	--	--	--	
Total Primary Groundwater Samples for Landfill AOPC							12	16	12	12	12	12	12	7	7	7	
Total Primary Seep Samples for Landfill AOPC							20	20	20	20	20	20	20	20	20	20	
Sandblast Area AOPC																	
SNBL-J001SB	Subsurface soil	--	1 to 2	DPT	SNBL-J001SB002	--	X	X	X	X	X	X	X	--	--	--	Collect subsurface soil samples from three borings (SNBL-J001SB, SNBL-J002SB, and SNBL-J003SB)~~, two soil samples per boring,~~ within Erodible Soils Unit up to 15 feet bgs and analyze for VOCs, PCBs, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals. The two selected soil samples for laboratory analysis will be based on field observations (PID reading, visual inspection, soil staining). In addition, based on field observations and PID readings, six samples from these borings will be selected for TPH and butyltins analyses. If no evidence of impacts is observed, then sample intervals will be selected as shown in Table 18-1. The purpose of collecting these soil samples is to refine soil remediation depths and volumes for conceptual design in the FS. The 1- to 2-foot and 5- to 6-foot intervals were considered good breakpoints for estimating excavation and soil treatment costs.
			5 to 6	DPT	SNBL-J001SB006	--	X	X	X	X	X	X	X	X	X	X	
			8 to 9	DPT	SNBL-J001SB009	--	X	X	X	X	X	X	X	--	--	--	
			11 to 12	DPT	SNBL-J001SB012	--	X	X	X	X	X	X	X	X	X	X	
			14 to 15	DPT	SNBL-J001SB015	--	X	X	X	X	X	X	X	--	--	--	
SNBL-J002SB	Subsurface soil	--	1 to 2	DPT	SNBL-J002SB002	--	X	X	X	X	X	X	X	--	--	--	
			5 to 6	DPT	SNBL-J002SB006	--	X	X	X	X	X	X	X	X	X	X	
			8 to 9	DPT	SNBL-J002SB009	--	X	X	X	X	X	X	X	--	--	--	
			11 to 12	DPT	SNBL-J002SB012	--	X	X	X	X	X	X	X	X	X	X	
			14 to 15	DPT	SNBL-J002SB015	--	X	X	X	X	X	X	X	--	--	--	
SNBL-J003SB	Subsurface soil	--	1 to 2	DPT	SNBL-J003SB002	--	X	X	X	X	X	X	X	--	--	--	
			5 to 6	DPT	SNBL-J003SB006	--	X	X	X	X	X	X	X	X	X	X	
			8 to 9	DPT	SNBL-J003SB009	--	X	X	X	X	X	X	X	--	--	--	
			11 to 12	DPT	SNBL-J003SB012	--	X	X	X	X	X	X	X	X	X	X	
			14 to 15	DPT	SNBL-J003SB015	--	X	X	X	X	X	X	X	--	--	--	

Table 18-1. Sample Locations ~~and Sampling Rationale~~

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

					Sample ID		Analysis (Methods)					Archive					
Sample Location	Matrix	Well Screen Interval (feet bgs)	Sample Depth (feet bgs)[a]	Sample Method	First Round	Second Round	VOCs (8260D)	PCB Congeners (1668C)	PAHs (8270E SIM)	SVOCs (8270E)	OCPs (8081B)	Chlorinated Herbicides (8321B)	TAL Metals (6010D/6020B/7470A/7471B)	TPH-Gasoline Range (SW8015D-P)	TPH-Diesel and Oil Ranges (SW8015D-E)	Butyltins (SW8323M)	~~Rationale~~Notes
SNBL-J004SB	Subsurface soil	--	1 to 2	DPT or hand auger if access is limited	SNBL-J004SB002	--	X	--	--	--	--	--	--	--	--	--	Collect subsurface soil samples from two borings (SNBL-J004SB and SNBL-J005SB) behind the Current HMSA up to 5 or 10 feet bgs (pending rig access) based on PID readings to further delineate the lateral and vertical extent of the PCE (420,000 µg/kg) and TCE (3,200 µg/kg) hotspots and support the FS. Prior to selecting final locations, a limited soil gas survey will be conducted with shallow soil gas probes (installed with hand tools up to 2 feet bgs) and a PID. The samples will be analyzed for VOCs.
			4 to 5	DPT or hand auger if access is limited	SNBL-J004SB005	--	X	--	--	--	--	--	--	--	--	--	
			7 to 8	DPT or hand auger if access is limited	SNBL-J004SB008	--	X	--	--	--	--	--	--	--	--	--	
			9 to 10	DPT or hand auger if access is limited	SNBL-J004SB010	--	X	--	--	--	--	--	--	--	--	--	
SNBL-J005SB	Subsurface soil	--	1 to 2	DPT or hand auger if access is limited	SNBL-J005SB002	--	X	--	--	--	--	--	--	--	--	--	
			4 to 5	DPT or hand auger if access is limited	SNBL-J005SB005	--	X	--	--	--	--	--	--	--	--	--	
			7 to 8	DPT or hand auger if access is limited	SNBL-J005SB008	--	X	--	--	--	--	--	--	--	--	--	
			9 to 10	DPT or hand auger if access is limited	SNBL-J005SB010	--	X	--	--	--	--	--	--	--	--	--	
SNBL-J006SB	Subsurface soil	--	1 to 2	DPT	SNBL-J006SB002	--	X	X	X	X	X	X	X	X	X	X	Collect subsurface soil samples from one boring SNBL-J006SB near SB-12 (former Sandblast Building) to 15 feet bgs (pending rig access) based on PID readings where soil vapor PCE/TCE hotspot was detected. The samples will be analyzed for VOCs, PCBs, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals. In addition, based on field observations and PID readings, four samples from these borings will be selected for TPH and butyltins analyses.
			5 to 6	DPT	SNBL-J006SB006	--	X	X	X	X	X	X	X	X	X	X	
			8 to 9	DPT	SNBL-J006SB009	--	X	X	X	X	X	X	X	X	X	X	
			11 to 12	DPT	SNBL-J006SB012	--	X	X	X	X	X	X	X	X	X	X	
			14 to 15	DPT	SNBL-J006SB015	--	X	X	X	X	X	X	X	--	--	--	
SNBL-J007SB	Surface soil	--	0 to 1	DPT	SNBL-J007SB001	--	--	--	X	X	X	--	X	--	--	--	Collect one surface and two subsurface soil samples at 10 locations (SNBL-J007SB through SNBL-J016SB) to 3 feet bgs in a roughly 50-foot grid to better delineate the lateral and vertical extent of primarily PAH and metals contamination observed during the RI. Based on RI results, the samples will be analyzed for PAHs, SVOCs, OCPs, and TAL metals. In addition, based on field observations and PID readings, two samples from these borings will be selected for TPH and butyltins analyses.
	Subsurface soil	--	1 to 2	DPT	SNBL-J007SB002	--	--	--	X	X	X	--	X	--	--	--	
			2 to 3	DPT	SNBL-J007SB003	--	--	--	X	X	X	--	X	--	--	--	
SNBL-J008SB	Surface soil	--	0 to 1	DPT	SNBL-J008SB001	--	--	--	X	X	X	--	X	X	X	X	
	Subsurface soil	--	1 to 2	DPT	SNBL-J008SB002	--	--	--	X	X	X	--	X	--	--	--	
			2 to 3	DPT	SNBL-J008SB003	--	--	--	X	X	X	--	X	--	--	--	
SNBL-J009SB	Surface soil	--	0 to 1	DPT	SNBL-J009SB001	--	--	--	X	X	X	--	X	X	X	X	
	Subsurface soil	--	1 to 2	DPT	SNBL-J009SB002	--	--	--	X	X	X	--	X	--	--	--	
			2 to 3	DPT	SNBL-J009SB003	--	--	--	X	X	X	--	X	--	--	--	
SNBL-J010SB	Surface soil	--	0 to 1	DPT	SNBL-J010SB001	--	--	--	X	X	X	--	X	--	--	--	
	Subsurface soil	--	1 to 2	DPT	SNBL-J010SB002	--	--	--	X	X	X	--	X	--	--	--	
			2 to 3	DPT	SNBL-J010SB003	--	--	--	X	X	X	--	X	--	--	--	
SNBL-J011SB	Surface soil	--	0 to 1	DPT	SNBL-J011SB001	--	--	--	X	X	X	--	X	--	--	--	
	Subsurface soil	--	1 to 2	DPT	SNBL-J011SB002	--	--	--	X	X	X	--	X	--	--	--	
			2 to 3	DPT	SNBL-J011SB003	--	--	--	X	X	X	--	X	--	--	--	

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					Sample ID		Analysis (Methods)					Archive					
Sample Location	Matrix	Well Screen Interval (feet bgs)	Sample Depth (feet bgs)[a]	Sample Method	First Round	Second Round	VOCs (8260D)	PCB Congeners (1668C)	PAHs (8270E SIM)	SVOCs (8270E)	OCPs (8081B)	Chlorinated Herbicides (8321B)	TAL Metals (6010D/6020B/7470A/7471B)	TPH-Gasoline Range (SW8015D-P)	TPH-Diesel and Oil Ranges (SW8015D-E)	Butyltins (SW8323M)	~~Rationale~~Notes
SNBL-J012SB	Surface soil	--	0 to 1	DPT	SNBL-J012SB001	--	--	--	X	X	X	--	X	--	--	--	Collect one surface and two subsurface soil samples at 10 locations (SNBL-J007SB through SNBL-J016SB) to 3 feet bgs in a roughly 50-foot grid to better delineate the lateral and vertical extent of primarily PAH and metals contamination observed during the RI. Based on RI results, the samples will be analyzed for PAHs, SVOCs, OCPs, and TAL metals.
	Subsurface soil	--	1 to 2	DPT	SNBL-J012SB002	--	--	--	X	X	X	--	X	--	--	--	
			2 to 3	DPT	SNBL-J012SB003	--	--	--	X	X	X	--	X	--	--	--	
SNBL-J013SB	Surface soil	--	0 to 1	DPT	SNBL-J013SB001	--	--	--	X	X	X	--	X	--	--	--	
	Subsurface soil	--	1 to 2	DPT	SNBL-J013SB002	--	--	--	X	X	X	--	X	--	--	--	
			2 to 3	DPT	SNBL-J013SB003	--	--	--	X	X	X	--	X	--	--	--	
SNBL-J014SB	Surface soil	--	0 to 1	DPT	SNBL-J014SB001	--	--	--	X	X	X	--	X	--	--	--	
	Subsurface soil	--	1 to 2	DPT	SNBL-J014SB002	--	--	--	X	X	X	--	X	--	--	--	
			2 to 3	DPT	SNBL-J014SB003	--	--	--	X	X	X	--	X	--	--	--	
SNBL-J015SB	Surface soil	--	0 to 1	DPT	SNBL-J015SB001	--	--	--	X	X	X	--	X	--	--	--	
	Subsurface soil	--	1 to 2	DPT	SNBL-J015SB002	--	--	--	X	X	X	--	X	--	--	--	
			2 to 3	DPT	SNBL-J015SB003	--	--	--	X	X	X	--	X	--	--	--	
SNBL-J016SB	Surface soil	--	0 to 1	DPT	SNBL-J016SB001	--	--	--	X	X	X	--	X	--	--	--	
	Subsurface soil	--	1 to 2	DPT	SNBL-J016SB002	--	--	--	X	X	X	--	X	--	--	--	
			2 to 3	DPT	SNBL-J016SB003	--	--	--	X	X	X	--	X	--	--	--	
SNBL-J017SB	Subsurface soil	--	1 to 2	DPT	SNBL-J017SB002	--	--	--	X	X	X	--	X	--	--	--	Collect two subsurface soil samples at four locations (SNBL-J017SB through SNBL-J020SB) near DSA07, DSA10, DSA11, and DSA12 to 3 feet bgs to delineate the vertical extent of primarily PAH and metals contamination observed during the RI. The samples will be analyzed for PAHs, SVOCs, OCPs, and TAL metals. In addition, based on field observations and PID readings, four samples from these borings will be selected for TPH and butyltins analyses.
			2 to 3	DPT	SNBL-J017SB003	--	--	--	X	X	X	--	X	--	--	--	
SNBL-J018SB	Subsurface soil	--	1 to 2	DPT	SNBL-J018SB002	--	--	--	X	X	X	--	X	--	--	--	
			2 to 3	DPT	SNBL-J018SB003	--	--	--	X	X	X	--	X	--	--	--	
SNBL-J019SB	Subsurface soil	--	1 to 2	DPT	SNBL-J019SB002	--	--	--	X	X	X	--	X	X	X	X	
			2 to 3	DPT	SNBL-J019SB003	--	--	--	X	X	X	--	X	X	X	X	
SNBL-J020SB	Subsurface soil	--	1 to 2	DPT	SNBL-J020SB002	--	--	--	X	X	X	--	X	--	--	--	
			2 to 3	DPT	SNBL-J020SB003	--	--	--	X	X	X	--	X	--	--	--	
MW-11[b]	Groundwater	26 to 36	31	Micropurge	--	MW-11-~~DD~~MMYYYY	X	--	--	--	--	--	--	--	--	--	Collect groundwater samples at five existing monitoring wells (MW-11 through MW-15) as part of the second round of sampling to evaluate the current groundwater VOC contaminant concentrations in the Sandblast Area AOPC and support the FS decision making on the need for groundwater remedies.
MW-12[b]	Groundwater	16 to 26	21	Micropurge	--	MW-12-~~DD~~MMYYYY	X	--	--	--	--	--	--	--	--	--	
MW-13[b]	Groundwater	26 to 36	31	Micropurge	--	MW-13-~~DD~~MMYYYY	X	--	--	--	--	--	--	--	--	--	
MW-14[b]	Groundwater	13 to 23	18	Micropurge	--	MW-14-~~DD~~MMYYYY	X	--	--	--	--	--	--	--	--	--	
MW-15[b]	Groundwater	12 to 22	17	Micropurge	--	MW-15-~~DD~~MMYYYY	X	--	--	--	--	--	--	--	--	--	
MW-18[c]	Groundwater	20 to 30	25	Micropurge	MW-18-~~DD~~MMYYYY	MW-18-~~DD~~MMYYYY	X	--	--	--	--	--	--	--	--	--	Install new well MW-18, screened within the weathered slide block and overlying alluvium/colluvium, 30 feet northwest of existing well MW-12. Collect two rounds of groundwater samples at MW-18 to evaluate potential groundwater VOC contamination and flow to the northwest from the Erodible Soils Unit and Current HMSA. The samples will be collected during different seasons of the year (e.g., summer and winter) to evaluate changes in seasonal groundwater flow in the Sandblast Area AOPC.

Table 18-1. Sample Locations ~~and Sampling Rationale~~

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

					Sample ID		Analysis (Methods)					Archive					
Sample Location	Matrix	Well Screen Interval (feet bgs)	Sample Depth (feet bgs)[a]	Sample Method	First Round	Second Round	VOCs (8260D)	PCB Congeners (1668C)	PAHs (8270E SIM)	SVOCs (8270E)	OCPs (8081B)	Chlorinated Herbicides (8321B)	TAL Metals (6010D/6020B/7470A/7471B)	TPH-Gasoline Range (SW8015D-P)	TPH-Diesel and Oil Ranges (SW8015D-E)	Butyltins (SW8323M)	~~Rationale~~Notes
MW-19[c]	Groundwater	15 to 25	20	Micropurge	MW-19-~~DD~~MMYYYY	MW-19-~~DD~~MMYYYY	X	--	--	--	--	--	--	--	--	--	Install new well MW-19, screened within the weathered slide block and overlying alluvium/colluvium, halfway between existing wells MW-14 and MW-15. Collect two rounds of groundwater samples at MW-19 to approximately 25 feet bgs to evaluate groundwater VOC contamination and flow from the Sandblast Building and Current HMSA. The samples will be collected during different seasons of the year (e.g., summer and winter) to evaluate changes in seasonal groundwater flow in the Sandblast Area AOPC.
MW-20[c]	Groundwater	20 to 30	25	Micropurge	MW-20-~~DD~~MMYYYY	MW-20-~~DD~~MMYYYY	X	--	--	--	--	--	--	--	--	--	Install new well MW-20, screened within the weathered slide block and overlying alluvium/colluvium, halfway between existing wells MW-12 and MW-13. Collect two rounds of groundwater samples at MW-20 to approximately 30 feet bgs to evaluate groundwater VOC contamination from the Sandblast Building and Current HMSA. The samples will be collected during different seasons of the year (e.g., summer and winter) to evaluate changes in seasonal groundwater flow in the Sandblast Area AOPC.
MW-21[c]	Groundwater	50 to 60	55	Micropurge	MW-21-~~DD~~MMYYYY	MW-21-~~DD~~MMYYYY	X	--	--	--	--	--	--	--	--	--	Install new well MW-21, screened within the weathered slide block and overlying alluvium/colluvium, south of the Current HMSA. Collect two rounds of groundwater samples at MW-21 to approximately 60 feet bgs to evaluate groundwater VOC contamination upgradient of the Current HMSA. The samples will be collected during different seasons of the year (e.g., summer and winter) to evaluate changes in seasonal groundwater flow in the Sandblast Area AOPC.
MW-22[c]	Groundwater	30 to 40	35	Micropurge	MW-22-MMYYYY	MW-22-MMYYYY	X	--	--	--	--	--	--	--	--	--	Install new well MW-22 screened within the weathered slide block, paired with MW-11. Collect two rounds of groundwater samples at MW-22 to approximately 35 feet bgs to evaluate groundwater VOC contamination downgradient of the Current HMSA. The samples will be collected during different seasons of the year (e.g., summer and winter) to evaluate changes in seasonal groundwater flow in the Sandblast Area AOPC.
MW-23[c]	Groundwater	20 to 30	25	Micropurge	MW-23-MMYYYY	MW-23-MMYYYY	X	--	--	--	--	--	--	--	--	--	Install new well MW-23, screened within the weathered slide block and overlying alluvium/colluvium, south of the Former HMSA. Collect two rounds of groundwater samples at MW-23 to approximately 25 feet bgs to evaluate groundwater VOCs, SVOCs, PAHs, OCP, and TAL metals contamination downgradient of the Former HMSA. The samples will be collected during different seasons of the year (e.g., summer and winter) to evaluate changes in seasonal groundwater flow in the Sandblast Area AOPC.
MW-24[c]	Groundwater	40 to 50	45	Micropurge	MW-24-MMYYYY	MW-24-MMYYYY	X	--	--	--	--	--	--	--	--	--	Install new well MW-24, screened within the weathered slide block , south of the Former HMSA. Collect two rounds of groundwater samples at MW-24 to approximately 45 feet bgs to evaluate groundwater VOCs, SVOCs, PAHs, OCP, and TAL metals contamination downgradient of the Former HMSA. The samples will be collected during different seasons of the year (e.g., summer and winter) to evaluate changes in seasonal groundwater flow in the Sandblast Area AOPC.
MW-25[c]	Groundwater	20 to 30	25	Micropurge	MW-25-MMYYYY	MW-25-MMYYYY	X	--	~~--~~X	~~--~~X	~~--~~X	--	~~--~~X	--	--	--	Install new well MW-25, screened within the weathered slide block and overlying alluvium/colluvium, northwest of the Former HMSA. Collect two rounds of groundwater samples at MW-25 to approximately 25 feet bgs to evaluate groundwater VOCs, SVOCs, PAHs, OCP, and TAL metals contamination from the Former HMSA. The samples will be collected during different seasons of the year (e.g., summer and winter) to evaluate changes in seasonal groundwater flow in the Sandblast Area AOPC.
Total Primary Surface Soil Samples for Sandblast Area AOPC							--	--	10	10	10	--	10	4	4	4	
Total Primary Subsurface Soil Samples for Sandblast Area AOPC							28	20	48	48	48	20	48	6	6	6	
Total Primary Groundwater Samples for Sandblast Area AOPC							13	--	--	--	--	--	--	--	--	--	

Table 18-1. Sample Locations ~~and Sampling Rationale~~

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

					Sample ID		Analysis (Methods)					Archive					
Sample Location	Matrix	Well Screen Interval (feet bgs)	Sample Depth (feet bgs)[a]	Sample Method	First Round	Second Round	VOCs (8260D)	PCB Congeners (1668C)	PAHs (8270E SIM)	SVOCs (8270E)	OCPs (8081B)	Chlorinated Herbicides (8321B)	TAL Metals (6010D/6020B/7470A/7471B)	TPH-Gasoline Range (SW8015D-P)	TPH-Diesel and Oil Ranges (SW8015D-E)	Butyltins (SW8323M)	~~Rationale~~Notes
Road Complex																	
ROAD-J001SS	Surface soil	--	0.0 to ~~0.5~~1	Disposable hand trowel	ROAD-J001SS-~~DD~~MMYYYY	--	--	X	--	--	--	--	--	~~--~~X	--	--	Collect surface soil samples at four locations (ROAD-J001SS through ROAD-J004SS) along/around the road from approximately 0 to ~~6~~ 1 ~~inches~~ foot bgs and below the road surface to evaluate PCBs and TAL metals along historical roads.
ROAD-J002SS	Surface soil	--	0.0 to ~~0.5~~1	Disposable hand trowel	ROAD-J002SS-~~DD~~MMYYYY	--	--	X	--	--	--	--	--	~~--~~X	--	--	
ROAD-J003SS	Surface soil	--	0.0 to ~~0.5~~1	Disposable hand trowel	ROAD-J003SS-~~DD~~MMYYYY	--	--	X	--	--	--	--	--	~~--~~X	--	--	
ROAD-J004SS	Surface soil	--	0.0 to ~~0.5~~1	Disposable hand trowel	ROAD-J004SS-~~DD~~MMYYYY	--	--	X	--	--	--	--	--	~~--~~X	--	--	
Total Primary Surface Soil Samples for Road Complex							--	4	--	--	--	--	--	4	--	--	
West Bradford Island																	
WSTB-J001SS	Surface soil	--	0 to 0.5	Disposable hand trowel	WSTB-J001SS-~~DD~~MMYYYY	--	X	X	X	X	X	X	X	--	--	--	Collect surface soil samples at ~~four~~ 11 locations (WSTB-J001SS through WSTB-J0011~~4~~SS) to assess whether past disposal practices have contaminated surface soil. The samples will be analyzed for VOCs, PCBs, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals.
WSTB-J002SS	Surface soil	--	0 to 0.5	Disposable hand trowel	WSTB-J002SS-~~DD~~MMYYYY	--	X	X	X	X	X	X	X	--	--	--	
WSTB-J003SS	Surface soil	--	0 to 0.5	Disposable hand trowel	WSTB-J003SS-~~DD~~MMYYYY	--	X	X	X	X	X	X	X	--	--	--	
WSTB-J004SS	Surface soil	--	0 to 0.5	Disposable hand trowel	WSTB-J004SS-~~DD~~MMYYYY	--	X	X	X	X	X	X	X	--	--	--	
WSTB-J005SS	Surface soil	--	0 to 0.5	Disposable hand trowel	WSTB-J005SS-MMYYYY	--	X	X	X	X	X	X	X	--	--	--	
WSTB-J006SS	Surface soil	--	0 to 0.5	Disposable hand trowel	WSTB-J006SS-MMYYYY	--	X	X	X	X	X	X	X	--	--	--	
WSTB-J007SS	Surface soil	--	0 to 0.5	Disposable hand trowel	WSTB-J007SS-MMYYYY	--	X	X	X	X	X	X	X	--	--	--	
WSTB-J008SS	Surface soil	--	0 to 0.5	Disposable hand trowel	WSTB-J008SS-MMYYYY	--	X	X	X	X	X	X	X	--	--	--	
WSTB-J009SS	Surface soil	--	0 to 0.5	Disposable hand trowel	WSTB-J009SS-MMYYYY	--	X	X	X	X	X	X	X	--	--	--	
WSTB-J010SS	Surface soil	--	0 to 0.5	Disposable hand trowel	WSTB-J010SS-MMYYYY	--	X	X	X	X	X	X	X	--	--	--	
WSTB-J011SS	Surface soil	--	0 to 0.5	Disposable hand trowel	WSTB-J01SS-MMYYYY	--	X	X	X	X	X	X	X	--	--	--	

Table 18-1. Sample Locations ~~and Sampling Rationale~~

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

					Sample ID		Analysis (Methods)					Archive					
Sample Location	Matrix	Well Screen Interval (feet bgs)	Sample Depth (feet bgs)[a]	Sample Method	First Round	Second Round	VOCs (8260D)	PCB Congeners (1668C)	PAHs (8270E SIM)	SVOCs (8270E)	OCPs (8081B)	Chlorinated Herbicides (8321B)	TAL Metals (6010D/6020B/7470A/7471B)	TPH-Gasoline Range (SW8015D-P)	TPH-Diesel and Oil Ranges (SW8015D-E)	Butyltins (SW8323M)	~~Rationale~~Notes
WSTB-J001SB	Surface soil	--	0 to 1	DPT	WSTB-J001SB001	--	X	X	X	X	X	X	X	--	--	--	Collect surface and subsurface soil samples at three locations (WSTB-J001SB through WSTB-J003SB) to a depth of ~~10~~20 feet bgs to assess whether past disposal practices have contaminated subsurface soil. The samples will be analyzed for VOCs, PCBs, PAHs, SVOCs, OCPs, chlorinated herbicides, and TAL metals. In addition, based on field observations and PID readings, 4 samples from these borings will be selected for TPH and butyltins analyses.
	Subsurface soil	--	~~1~~3 to ~~2~~5	DPT	WSTB-J001SB002	--	X	X	X	X	X	X	X	--	--	--	
			~~4~~8 to ~~5~~10	DPT	WSTB-J001SB005	--	X	X	X	X	X	X	X	X	X	X	
			~~7~~13 to ~~8~~15	DPT	WSTB-J001SB008	--	X	X	X	X	X	X	X	--	--	--	
			~~9~~18 to ~~10~~20	DPT	WSTB-J001SB010	--	X	X	X	X	X	X	X	--	--	--	
WSTB-J002SB	Surface soil	--	0 to 1	DPT	WSTB-J002SB001	--	X	X	X	X	X	X	X	X	X	X	
	Subsurface soil	--	~~1~~3 to ~~2~~5	DPT	WSTB-J002SB002	--	X	X	X	X	X	X	X	--	--	--	
			~~4~~8 to ~~5~~10	DPT	WSTB-J002SB005	--	X	X	X	X	X	X	X	--	--	--	
			~~7~~13 to ~~8~~15	DPT	WSTB-J002SB008	--	X	X	X	X	X	X	X	--	--	--	
			~~9~~18 to ~~10~~20	DPT	WSTB-J002SB010	--	X	X	X	X	X	X	X	X	X	X	
WSTB-J003SB	Surface soil	--	0 to 1	DPT	WSTB-J003SB001	--	X	X	X	X	X	X	X	--	--	--	
	Subsurface soil	--	~~1~~3 to ~~2~~5	DPT	WSTB-J003SB002	--	X	X	X	X	X	X	X	--	--	--	
			~~4~~8 to ~~5~~10	DPT	WSTB-J003SB005	--	X	X	X	X	X	X	X	X	X	X	
			~~7~~13 to ~~8~~15	DPT	WSTB-J003SB008	--	X	X	X	X	X	X	X	--	--	--	
			~~9~~18 to ~~10~~20	DPT	WSTB-J003SB010	--	X	X	X	X	X	X	X	--	--	--	
Total Primary Surface Soil Samples for West Bradford Island							~~7~~12	~~7~~12	~~7~~12	~~7~~12	~~7~~12	~~7~~12	~~7~~12	1	1	1	
Total Primary Subsurface Soil Samples for West Bradford Island							12	12	12	12	12	12	12	3	3	3	

[a] Sample depth subject to change based on PID results and field observations
[b] Existing groundwater monitoring well
[c] Proposed groundwater monitoring well

Notes:

-- = not applicable
~~DD~~MMYYYY = ~~2 digit day,~~ 2 digit month, and 4 digit year
ID = identification

WORKSHEETS #19 AND #30

Sample Containers, Preservation, and Hold Times

The analytical methods for each sample matrix, including the required sample volume, containers, preservation, and holding time requirements, are provided in Table 19-1. Additional information on the laboratory analytical SOPs is provided in Worksheet #23.

Table 19-1. Sample Containers, Preservation, and Hold Times

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Analyte/ Analyte Group	Matrix	Analytical Method/SOP and Preparation Method/SOP	Containers (Number, Size, and Type)	Preservation Requirements	Preparation Holding Time	Analytical Holding Time
Sacramento – Eurofins – 880 Riverside Parkway, West Sacramento, CA 95605						
PCB congeners	Water	Method 1668C/ WS-ID-0013, WS-IDP-0013	Two 1-L amber glass bottles	Cool to < 6°C	1 year	45 days
	Soils	Method 1668C/ WS-ID-0013 or WS-IDP-0013	One 4-ounce amber glass jar with Teflon-lined lid or stainless-steel liner	< -10°C	1 year	45 days
Denver – Eurofins Environment Testing, LLC – 4955 Yarrow Street, Arvada, CO 80002						
ICP metals	Water	Method 3005A or 3020A/DV-IP-0010 Method 6010D/DV-MT-0021	One 250-mL HDPE	HNO_3 to pH < 2	180 days	180 days
	Soils	Method 3050B/DV-IP-0015 Method 6010D/DV-MT-0021	One 4-ounce glass jar with Teflon-lined lid	None	180 days	180 days
ICPMS metals	Water	Method 3005A or 3020A/DV-IP-0010 Method 6020B/DV-MT-0022	One 250-mL HDPE	HNO_3 to pH < 2	180 days	180 days
	Soils	Method 3050B/DV-IP-0015 Method 6020B/DV-MT-0022	One 4-ounce glass jar with Teflon-lined lid	None	180 days	180 days
Mercury	Water	Method 7470A/DV-MT-0015	One 250-mL HDPE	HNO_3 to pH <2	28 days	28 days
	Soils	Method 7471B/DV-MT-0016	One 4-ounce glass jar with Teflon-lined lid	Cool to 4 ±2°C	28 days	28 days
Pesticides	Water	Method 3510C/DV-OP-0006 Method 8081B/DV-GC-0020	Two 1-L amber glass bottles or two 250-mL amber (reduced volume extraction)	Cool to 4 ±2°C	7 days	40 days
	Soils	Method 3510C/DV-OP-0016 Method 8081B/DV-GC-0020	One 4-ounce glass jar	Cool to 4 ±2°C	14 days	40 days

Table 19-1. Sample Containers, Preservation, and Hold Times

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Analyte/ Analyte Group	Matrix	Analytical Method/SOP and Preparation Method/SOP	Containers (Number, Size, and Type)	Preservation Requirements	Preparation Holding Time	Analytical Holding Time
Volatiles	Water	Method 5030B/DV-MS-0010 Method 8260D/DV-MS-0010	Three 40-mL VOA vials	pH < 2 with HCl, cool to 4 ±2°C	14 days from sampling to analysis	14 days from sampling to analysis
	Soils	Method 5035A/DV-MS-0010 Method 8260D/DV-MS-0010	Two TerraCore VOA vials with septa cap, pre-tared with stir bar and DI water or sodium bisulfate One TerraCore VOA vial with closed cap, pre-tared with methanol One 2-ounce jar for % moisture.	DI water vials are frozen within 48 hours Methanol vial is refrigerated at 0°C to 6°C	14 days from sampling to analysis	14 days from sampling to analysis
			TerraCore device or equivalent and three 40-mL VOA vials, pre-tared, with stir bars	Freeze to -10 ±2°C	14 days for frozen preserved	14 days for frozen preserved
Semivolatiles	Water	Method 3510C/DV-OP-0006 Method E/DV-MS-0012	Two 125-mL amber glass bottles	Cool to ≤ 6°C	7 days	40 days
		Method 3510C/DV-OP-0006 Method 8270E SIM/DV-MS-0002	Two 1-L amber glass bottles Two 250-mL amber (reduced volume extraction only)	Cool to 4 ±2°C	7 days	40 days
	Soils	Method 3510C/DV-OP-0016 Method 8270E/DV-MS-0012	One 8-ounce glass jar	Cool to ≤ 6°C	14 days	40 days
		Method 3510C/DV-OP-0016 Method 8270E SIM/DV-MS-0002	One 4-ounce glass jar	Cool to 4 ±2°C	14 days	40 days

Table 19-1. Sample Containers, Preservation, and Hold Times

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Analyte/ Analyte Group	Matrix	Analytical Method/SOP and Preparation Method/SOP	Containers (Number, Size, and Type)	Preservation Requirements	Preparation Holding Time	Analytical Holding Time
Herbicides	Water	Method 8321B/DV-LC-0014	Two 40-mL glass VOA vials	Cool to 4 ±2°C	7 days ~~from sampling to analysis~~	~~7~~ 40 ~~days from sampling to analysis~~
	Soils	Method 8321B/DV-LC-0014	One 4-ounce glass jar	Cool to 4 ±2°C	14 days ~~from sampling to analysis~~	~~14~~ 40 days ~~from sampling to analysis~~
Butyltins	Water	Method 8323M/BR-MS-012	Two 1-L amber glass bottles	Cool to 4 ±2°C	7 days	40 days
	Soils	Method 8323M/BR-MS-012	One 4-ounce glass jar	Cool to 4 ±2°C	14 days	40 days
Extractable TPH	Water	Method 8015D/DV-GC-0027	Two 1-L amber glass bottles	Cool to 4 ±2°C	7 days	40 days
	Soils	Method 8015D/DV-GC-0027	One 4-ounce glass jar	Cool to 4 ±2°C	14 days	40 days
Purgeable TPH	Water	Method 8015D/DV-GC-0010	Three 40-mL VOA vials	pH < 2 with HCl, cool to 4 ±2°C	14 days from sampling to analysis	14 days from sampling to analysis
	Soils	Method 8015D/DV-GC-0010	Two TerraCore VOA vials with closed cap, pre-tared with methanol One 2-ounce jar for % moisture.	Methanol vials are refrigerated at 0°C to 6°C	14 days from sampling to analysis	14 days from sampling to analysis

Notes:

°C = degree(s) Celsius
DI = deionized
g = gram(s)
GC/MS = gas chromatography/mass spectrometry
HDPE = high-density polyethylene
ICPMS = inductively coupled plasma mass spectrometry
L = liter(s)
mL = milliliter(s)
NA = not applicable
VOA = volatile organic analysis

WORKSHEET #20

Field QC Sample Summary

Field QC sampling requirements and procedures are specified in the subsections below. The field QC samples described below will be collected for all sampling activities performed for the applicable methods.

Field Duplicate

An FD is an additional sample collected at the same time from the same location as the normal sample. FDs are intended to represent the same population and are taken through all steps of the analytical procedure in an identical manner. FD samples are used to assess precision of the entire data collection activity, including sampling, analysis, and site heterogeneity.

Duplicate samples are collected simultaneously or in immediate succession, using identical recovery techniques, and are treated in an identical manner during storage, transportation, and analysis. The samples may be either collocated samples or subsamples of a single sample collection. The sample containers are assigned a unique identification number in the field. Specific locations should be designated for collection of FD samples before the beginning of sample collection. The standard collection frequency for FD samples is one for every 10 field samples per matrix.

Matrix Spike/Matrix Spike Duplicate

An MS/MSD is an aliquot of sample spiked with a known mass and concentration of specific analytes. The spiking occurs before sample preparation and analysis at the laboratory. To allow the analytical laboratory to run MS/MSD analyses, additional sample volumes will be collected in the field to provide sufficient sample volume. One MS/MSD sample will be analyzed at a rate of approximately every 20 samples collected per matrix.

Equipment Blanks

An equipment blank is a sample of ASTM International (ASTM) Type II reagent-grade water poured into, poured over, or pumped through the sampling device, collected in a sample container, and transported to the laboratory for analysis. These may also be called rinse blanks or rinsate blanks. Equipment blanks are used to assess the effectiveness of equipment decontamination procedures. Before using the source water for equipment blanks, it is recommended to evaluate the water certification results against the site-specific action levels/screening levels and DLs to ensure the water contains no analytes above these criteria.

The equipment blank samples will be analyzed for the same parameters as the field samples that were collected using that piece of equipment. If analytes pertinent to the project are detected in the equipment blanks, then the frequency of equipment blanks may be increased after decontamination procedures have been modified to further evaluate the effectiveness of the decontamination procedure. Because the monitoring wells will have dedicated equipment, an equipment blank will not be necessary for groundwater samples.

WORKSHEET #21

Field Standard Operating Procedures

Field SOPs are presented in Appendix B. Table 21-1 indicates the SOPs that are likely to be used at the Bradford Island NPL Site.

Table 21-1. Standard Operating Procedures
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Reference Number	Title
10. Recordkeeping	
11	Field Administration and Records
12	Field Logbooks
13	Photographic Documentation
20. Sample Locating and Staking	
21	Sample Location Staking
22	Utility Location and Clearance
23	Land Surveying
30. Sample Management	
31	Sample Management
40. Decontamination	
41	Decontamination – Steam Cleaning
42	Decontamination – Wash and Rinse Method
43	Decontamination – Wipe Method
50. Soil and Seep Sampling	
51	Lithologic Logging
52	Collection of Surface Soil, Shallow Soil, and Dry Sediment Samples
53	Subsurface Soil Sampling
54	Soil Gas Headspace Measurements
58	Collection of Seep Samples
60. Drilling, Well Construction, and Testing	
61	Monitoring Well/Piezometer Drilling and Installation
62	Well Development
65	Surface Completion of Wells
66	Backfilling of Soil Borings
70. Groundwater Sampling	
71	Water-level and Well Depth Measurements
73A	Low-flow Groundwater Purging and Sample Collection
73B	Conventional Groundwater Purging and Sample Collection
75	Field Measurements of Air and Water Quality Parameters
76	Field Filtration of Water
77	Estimating Groundwater Discharge

Table 21-1. Standard Operating Procedures
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Reference Number	Title
80. Waste Management	
81	Project-specific Analysis and Characterization
82	Analysis and Characterization
83	Non-hazardous Waste
84	Waste Management Planning
100. Standard Forms	
Form 101	Logbook Record
Form 102	Field Personnel Sign-in Log
Form 103	Visitor Sign-in Log
Form 104	Photographic Documentation
Form 105	Soil Boring Log
Form 106	Well Completion Data Form
Form 107	Well Development Data Form
Form 111	Conventional Well Purge and Sampling Data Form
Form 112	Low-flow Well Purge Field Data Form
Form 115	Water Level Measurement Data Form
Form 116	Calibration Log

WORKSHEET #22

Field Equipment Calibration, Maintenance, Testing, and Inspection

Table 22-1 provides information specific to field equipment calibration, maintenance, testing, and inspection.

Table 22-1. Field Equipment Calibration, Maintenance, Testing, and Inspection
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Field Equipment	**Activity**	SOP Reference	**Title or Position** of Responsible Person	Frequency	Acceptance Criteria	**Corrective Action**
PID	Calibrate for organic vapors using compressed isobutylene gas cylinders per manufacturer's instructions.	Soil Gas Headspace Measurements	Field Team Leader	Daily, before use	Check operations manual for acceptable range of calibrated probe for the specific lamp model.	If meter fails to calibrate, follow manufacturer's troubleshooting instructions. Use a moisture tube if necessary. Recharge batteries if necessary. Otherwise, do not use this meter.
	Charge batteries. Perform regular maintenance per manufacturer's instructions.					
	Screen for potential volatile compound concentrations.					
Water quality multimeter	Calibrate daily, before collecting water quality data, according to the manufacturer's calibration specifications.	Field Measurements of Water Quality Parameters	Field Team Leader	Daily, before use	Check operations manual for acceptable range of calibrated probes.	If meter fails to calibrate, follow manufacturer's troubleshooting instructions. Recharge batteries if necessary. Otherwise, do not use this meter.
	Perform regular maintenance per manufacturer's instructions.					
	Measure DO, ORP, conductance, pH, turbidity, and temperature.					
Low-flow water pump	Perform regular maintenance per manufacturer's instructions.	Groundwater Sampling	Field Team Leader	Daily, before use	Per manufacturer's specifications	If pump fails, follow manufacturer's troubleshooting instructions. Otherwise, do not use this pump.
	Draw groundwater from the aquifer for sampling.					
Water level indicator	Calibrate to determine the accuracy of the measurement.	Water Level and Well Depth Measurements	Field Team Leader	Annually	±0.01 foot	If meter fails, follow manufacturer's troubleshooting instructions. Replace batteries if necessary. Otherwise, do not use this meter.
	Replace batteries. Perform maintenance per manufacturer's instructions.			Daily, before use	Per manufacturer's instructions	
	Measure depth to groundwater and total well depth.					

Table 22-1. Field Equipment Calibration, Maintenance, Testing, and Inspection
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Field Equipment	**Activity**	SOP Reference	**Title or Position** of Responsible Person	Frequency	Acceptance Criteria	**Corrective Action**
MultiRae meter	Charge batteries. Perform regular maintenance per manufacturer's instructions.	Well Purge and Sampling Field Sheets	Field Team Leader	Daily, before use	Per manufacturer's specifications	If meter fails, follow manufacturer's troubleshooting instructions. Recharge batteries if necessary. Otherwise, do not use this meter.

Notes:

DO = dissolved oxygen
ORP = oxidation-reduction potential

WORKSHEET #23

Analytical Standard Operating Procedures

Table 23-1 presents the laboratory SOP references provided by Eurofins Testing in Arvada, Colorado. Note that the laboratory SOPs have not been modified specifically for this project and may not reflect the exact requirements of this UFP-QAPP. Laboratory SOPs are supplemented by internal communication systems within the laboratory to disseminate the project requirements to technical staff. The actual laboratory SOPs are provided in Appendix C.

Table 23-1. Analytical Standard Operating Procedure References
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Laboratory SOP Number	Title, Revision Date, and/or Number	Definitive/ Screening Data	Matrix/ Analytical Group	Instrument	Organization Performing Analysis	Modified for Project Work? (Y/N)
WS-IDP-0013	PCB Preparation for Analysis by HRGC/HRMS (1668A and 1668C); Revision 4.3, 08/06/2018	Preparation	Water and Soil PCBs	GC/HRMS	Eurofins Sacramento	N
WS-ID-0013	PCB Analysis by HRGC/HRMS (1668A and 1668C); Revision 4.9, 02/10/2023	Definitive	Water and Soil PCBs	GC/HRMS	Eurofins Sacramento	N
DV-IP-0010	Acid Digestion of Aqueous Samples for Metals Analysis Revision 17, 02/29/2024	Preparation	Water ICP and ICPMS metals	ICP-AES	Eurofins Denver	N
DV-IP-0015	Acid Digestion of Solids (Method EPA 3050B and 3051A) Revision 20, 03/18/2024	Preparation	Water and Soil ICP metals	ICP-AES	Eurofins Denver	N
DV-MT-0021	ICP Analysis for Trace Elements by SW-846 Method 6010C/D and EPA 200.7 Revision 13, 01/15/2024	Definitive	Water and soil ICP metals	ICP-AES	Eurofins Denver	N
DV-MT-0022	Inductively Coupled Plasma Mass Spectrometry for Trace Element Analysis by SW-846 Method 6020A/B and EPA 200.8 Revision 16, 02/27/2023	Definitive	Water and soil ICPMS metals	ICPMS	Eurofins Denver	N
DV-MT-0015	Mercury in Water by Cold Vapor Atomic Absorption (CVAA) [EPA 245.1 and SW 7470A] Revision 17, 07/28/2023	Definitive	Water mercury	CVAA	Eurofins Denver	N
DV-MT-0016	Mercury in Solids by Cold Vapor Atomic Absorption (7471B) Revision 19, 07/28/2023	Definitive	Soil mercury	CVAA	Eurofins Denver	N
DV-QA-0003	Sample Management and Chain of Custody Revision 32, 08/04/2023	NA	NA	LIMS	Eurofins Denver	N
DV-OP-0006	Extraction of Aqueous Samples by Separatory Funnel, SW-846 3510C and EPA 600 Series Revision 24, 11/28/2023	Preparation	Water pesticides and semivolatiles	GC/FID	Eurofins Denver	N

Table 23-1. Analytical Standard Operating Procedure References
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Laboratory SOP Number	Title, Revision Date, and/or Number	Definitive/ Screening Data	Matrix/ Analytical Group	Instrument	Organization Performing Analysis	Modified for Project Work? (Y/N)
DV-OP-0007	Concentration and Clean-up of Organic Extracts (SW-846, 3510C, 3540C, 3546, 3550B, 3550C, 3620C, 3630C, 3660B, 3665A, ASTM Method D7065-11, and EPA 600 Series Methods) Revision 18, 04/12/2024	Preparation	Water and soil pesticides and semivolatiles	GC/FID	Eurofins Denver	N
DV-OP-0015	Microwave Extraction of Solid Samples by Method SW-846 3546 Revision 15, 11/29/2023	Preparation	Soil pesticides and semivolatiles	GC/FID	Eurofins Denver	N
DV-OP-0016	Ultrasonic Extraction of Solid Samples (SW-846 3550B & 3550C) Revision 18, 11/29/2023	Preparation	Soil pesticides and semivolatiles	GC/FID	Eurofins Denver	N
DV-GC-0020	Chlorinated Pesticides (SW-846 8081A and 8081B) Revision 19, 07/20/2023	Definitive	Water and soil pesticides	GC/FID	Eurofins Denver	N
DV-MS-0010	Determination of Volatile Organics by GC/MS (8260B/C/D and 624/624.1) Revision 31, 09/15/2023	Definitive	Water and soil volatiles	GC/MS	Eurofins Denver	N
DV-MS-0012	GC/MS Semi-Volatiles by 8270 and 625.1 Revision 18, 07/28/2023	Definitive	Water and soil semivolatiles	GC/MS	Eurofins Denver	N
DV-MS-0002	Polynuclear Aromatic Hydrocarbons by GC/MS Selected Ion Monitoring (SIM) (SW-846 Method 8270C/D/E) Revision 19, 07/28/2023	Definitive	Water and soil semivolatiles	GC/MS	Eurofins Denver	N
DV-LC-0014	Chlorinated Phenoxyacid Herbicides by ESI/LC/MS/MS (SW846, 8321A, and 8321B) Revision 16, 03/01/2023	Definitive	Water and soil herbicides	LC/MS/MS	Eurofins Denver	N
BR-MS-012	Organotin Compounds Analysis (Revision 2.1, 9/12/2023	Definitive	Soil and water butyltins	GCMS	Eurofins Burlington	N
DV-GC-0027	Diesel and Residual Range Organics (DRO & RRO) by GC/FID (SW846 Method 8015 & others)	Definitive	Extractable TPH	GC/FID	Eurofins Denver	N
DV-GC-0010	Gasoline Range Organics (GRO) by GC/FID (SW846 Method 8015 and others)	Definitive	Purgeable TPH	GC/FID	Eurofins Denver	N

Notes:

CVAA = cold vapor atomic absorption
ESI/LC/MS/MS = electrospray interface/liquid chromatography/mass spectrometry/mass spectrometry
FID = flame ionization detector
GC = gas chromatography
HRGC = high resolution gas chromatography
HRMS = high resolution mass spectrometry
ICP = inductively coupled plasma
ICP-AES = inductively coupled plasma atomic emission spectroscopy
LC = liquid chromatography
LIMS = laboratory information management system
SIM = selected ion monitoring

WORKSHEET #24

Analytical Instrument Calibration

To confirm that the analytical methods and the selected instrumentation meet the project requirements, each analytical instrument will be calibrated according to the procedures outlined in Table 24-1.

Specific analytical method SOP references are provided in Worksheet #23. This information provides documentation on corrective actions and expectations for analytical services. The table is presented by method and reflects the requirements of the DoD Quality Systems Manual (QSM) Version 5.4 (DoD 2021). Laboratories will comply with QSM version 6.0 when they are accredited.

Table 24-1. Analytical Instrument Calibration
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Instrument	Calibration Procedure	Frequency	Acceptance Criteria	Corrective Action	Title/Position Responsible for Corrective Action	SOP Reference
GC/HRMS	Tune / mass resolution check (PFK)	At the beginning and the end of each 12-hour period of analysis.	Resolving power ≥ 10,000 at m/z = 304.9842 and m/z = 380.9760 + 5 ppm of expected mass. Lock-mass ion between lowest and highest masses for each descriptor and level of reference ≤ 10% full-scale deflection. End of run check must be ≥ 5,000.	Retune instrument and verify. Assess data for impact if end resolution is less than 10,000 narrate or reinject as necessary.	Lab Manager / Analyst	WS-ID-0013
GC/HRMS	GC column performance check	Prior to ICAL or calibration verification.	The congener pairs 23/34 and 182/187 are checked for chromatographic resolution. The valley between each pair must be less than 40% of the shorter of the two peaks. The CS-3 (CCV) is used to define chromatographic windows. First and last eluter must be present in each window.	1. Readjust windows. 2. Evaluate system. 3. Perform maintenance. 4. Reanalyze.	Lab Manager / Analyst	WS-ID-0013
GC/HRMS	Minimum five-point ICAL for target analytes, lowest concentration standard at or near the reporting limit (ICAL)	ICAL prior to sample analysis, as needed by the failure of calibration verification, and when a new lot is used as a standard source for calibration verification, internal standard, or recovery standard solutions.	RSD ≤ 20% for response factors for Toxic/LOC compounds.[a]	Evaluate standard and instrument response. If problem with instrument (autosampler failure, response poor, etc.) or standards, correct as appropriate, then repeat ICAL.	Lab Manager / Analyst	WS-ID-0013
GC/HRMS	Second-source calibration verification	Immediately following ICAL.	All project analytes within ±30% of the expected value from the ICAL.	Evaluate standards and instrument response. If standard issue, repeat or remake then repeat standard as appropriate. If still fails, repeat ICAL.	Lab Manager / Analyst	WS-ID-0013
GC/HRMS	CCV	At the beginning of each 12-hour period.	Ion abundance ratios in accordance with SOP; and RF (unlabeled standards) within ±25%D of average RF from ICAL for Toxic/LOC compounds; and RF (labelled standards) within 50–145%D of average RF from ICAL.	Correct problem, repeat calibration verification. If fails, repeat ICAL and reanalyze all samples analyzed since last successful CCV.	Lab Manager / Analyst	WS-ID-0013
GC-MS Organotin~~NELAP Quarterly verification~~	DFTPP~~MDL verification~~	Before ICAL and daily continuing Calibration check~~Quarterly~~	See SOP~~Per 40 CFR 136 Appendix B Rev 2.0. Goes through all preparative methods. Meets qualitative detection criteria.~~	See SOP~~Re-prep and reanalyze the MDL standard. If needed, a new initial MDL study is performed with a higher concentration.~~	Lab Manager / Analyst~~Lab Manager / Analyst~~	~~SOP48333~~BR-MS-012
GC-MS Organotin	Initial Calibration (ICAL)~~LOQ verification~~	Before Sample Analysis, when CCV fails, after major instrument maintenance~~Quarterly~~	See SOP~~Goes through all preparative methods. Meets quantitative detection criteria. May be combined with MDL verifications.~~	See SOP~~Re-prep and reanalyze the RL standard. If needed, LOQs are raised by performing a new initial LOQ verification.~~	Lab Manager / Analyst~~Lab Manager / Analyst~~	
GC-MS Organotin	ICV	After each initial calibration	See SOP	See SOP	Lab Manager / Analyst	BR-MS-012
GC-MS Organotin	CCV	Daily before sample analysis, every 10 field samples	See SOP	See SOP	Lab Manager / Analyst	BR-MS-012
GC-MS Organotin	Linear Dynamic Range (LDR)	Varies per analyte, see SOP	See SOP	See SOP	Lab Manager / Analyst	BR-MS-012
ICPMS	IDL study	At initial setup, and after significant change in instrument type, personnel, test method, or sample matrix.	Calculated IDLs < LOD.	NA	Lab Manager / Analyst	DV-MT-0022
ICPMS	LDR or high-level check standard	Every 6 months.	Within ±10% of the true value for all target analytes.	Dilute samples within the calibration range or re-establish/verify the LDR.	Lab Manager / Analyst	DV-MT-0022
ICP-AES	Linear dynamic range or high-level check standard	Initially, then every 6 months.	Within ±10% of the true value for all target analytes.	Dilute samples to levels within the calibration range or re-establish/ verify the LDR.	Analyst / Department Manager	DV-MT-0021
ICP-AES	ICAL per manufacturer's instructions, with a minimum of one standard and a calibration blank	Daily ICAL prior to sample analysis.	Correlation coefficient > 0.995 (if more than one point).	The validity of the calibration is determined by the subsequent calibration verifications. If invalid, identify and correct problem, then repeat ICAL.	Lab Manager / Analyst	DV-MT-0021
ICP-AES	Second source ICV, prepared at the calibration midpoint	Once after each ICAL, prior to beginning analytical run.	Within ±10% of the true value for all target analytes.	Evaluate standards and instrument response. If standard issue, repeat or remake then repeat standard as appropriate. If still fails, repeat ICAL.	Lab Manager / Analyst	DV-MT-0021

Table 24-1. Analytical Instrument Calibration
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Instrument	Calibration Procedure	Frequency	Acceptance Criteria	Corrective Action	Title/Position Responsible for Corrective Action	SOP Reference
ICP-AES	Method blank	One per preparation batch.	The absolute value of all analytes must be < one-half LOQ or < one-tenth the amount measured in any sample or one-tenth the regulatory limit, whichever is greater.	Correct problem. If required, re-prep and re-analyze.	Analyst / Department Manager	DV-MT-0021

Table 24-1. Analytical Instrument Calibration
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Instrument	Calibration Procedure	Frequency	Acceptance Criteria	Corrective Action	Title/Position Responsible for Corrective Action	SOP Reference
ICP-AES	ICB	Immediately after each ICV.	Absolute values of all analytes must be < one-half RL or < one-tenth the amount measured in any sample. Nondetects associated with positive blank infractions may be reported. Sample results > 10 × LOQ associated with negative blanks may be reported.	Reanalyze once. If acceptable, continue. If unacceptable, terminate analysis; correct the problem, recalibrate the instrument, verify calibration and rerun all samples since the last acceptable CCB.	Lab Manager / Analyst	DV-MT-0021
ICP-AES	Low concentration standard at or near the reporting limit (LLCCV)	Daily, after one point calibration. If the concentration of the lowest calibration standard is less than or equal to the LOQ, the lowest standard may be re-quantified against the calibration curve as LLCCV. Otherwise, a separate standard must be analyzed as the LLCCV prior to the analysis of any samples.	Within ±20% of the true value for all target analytes. No samples shall be analyzed without a valid LLCCV. LLCCV should be less than or equal to the LOQ.	Evaluate standard and instrument response. If problem with instrument (autosampler failure, response poor, etc.) or standards, correct as appropriate, then repeat. If still fails, repeat ICAL.	Lab Manager / Analyst	DV-MT-0021
ICP-AES	Interference check solutions (ICS)	After ICAL and prior to sample analysis.	ICS-A: Absolute value of concentration for all non-spiked project analytes < one-half LOQ (unless they are a verified trace impurity from one of the spiked analytes). ICS-AB: Within ±20% of true value.	Terminate analysis; locate and correct problem; reanalyze ICS, reanalyze all samples.	Analyst / Department Manager	DV-MT-0021
ICP-AES	CCV, same source as IC	Following IC, after every 10 samples and the end of the sequence.	Within ±10% of the true value for all target analytes.	Immediately analyze two additional consecutive CCVs. If both pass, samples may be reported without reanalysis. If either fails, take corrective action(s) and recalibrate; then reanalyze all affected samples since the last acceptable CCV.	Lab Manager / Analyst	DV-MT-0021
ICP-AES	CCB	Immediately following each CCV.	Absolute values of all analytes must be < one-half RL or < one-tenth the amount measured in any sample. Nondetects associated with positive blank infractions may be reported. Sample results > 10 × LOQ associated with negative blanks may be reported.	Reanalyze once. If acceptable, continue. If unacceptable, terminate analysis; correct the problem, recalibrate the instrument, verify calibration, and rerun all samples since the last acceptable CCB.	Lab Manager / Analyst	DV-MT-0021
ICPMS	Tuning	Prior to ICAL.	Mass calibration ≤ 0.1 amu from true value; Resolution < 0.9 amu full width at 10% peak height.	Correct problem then retune instrument and verify. No samples shall be analyzed without a valid tune.	Lab Manager / Analyst	DV-MT-0022
ICPMS	ICAL per manufacturer's instructions, with a minimum of one standard and a calibration blank	Daily ICAL prior to sample analysis.	Correlation coefficient > 0.995 (if more than one point).	The validity of the calibration is determined by the subsequent calibration verifications. If invalid, identify and correct problem, then repeat ICAL.	Lab Manager / Analyst	DV-MT-0022
ICPMS	Second-source ICV, prepared at the calibration midpoint	Once after each ICAL, prior to beginning analytical run.	Within ±10% of the true value for all target analytes.	Evaluate standards and instrument response. If standard issue, repeat or remake then repeat standard as appropriate. If still fails, repeat ICAL.	Lab Manager / Analyst	DV-MT-0022
ICPMS	ICB	Immediately after each ICV.	Absolute values of all analytes must be < one-half RL or < one-tenth the amount measured in any sample. Nondetects associated with positive blank infractions may be reported. Sample results > 10 × LOQ associated with negative blanks may be reported.	Reanalyze once. If acceptable, continue. If unacceptable, terminate analysis; correct the problem, recalibrate the instrument, verify calibration and rerun all samples since the last acceptable CCB.	Lab Manager / Analyst	DV-MT-0022

Table 24-1. Analytical Instrument Calibration
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Instrument	Calibration Procedure	Frequency	Acceptance Criteria	Corrective Action	Title/Position Responsible for Corrective Action	SOP Reference
ICPMS	Low concentration standard at or near the reporting limit (LLCCV)	Daily, after one point calibration. If the concentration of the lowest calibration standard is less than or equal to the LOQ, the lowest standard may be re-quantified against the calibration curve as LLCCV. Otherwise, a separate standard must be analyzed as the LLCCV prior to the analysis of any samples.	Within ±20% of the true value for all target analytes. No samples shall be analyzed without a valid LLCCV. LLCCV should be less than or equal to the LOQ.	Evaluate standard and instrument response. If problem with instrument (autosampler failure, response poor, etc.) or standards, correct as appropriate, then repeat. If still fails, repeat ICAL.	Lab Manager / Analyst	DV-MT-0022
ICPMS	CCV, same source as IC	Following IC, after every 10 samples and the end of the sequence.	Within ±10% of the true value for all target analytes.	Immediately analyze two additional consecutive CCVs. If both pass, samples may be reported without reanalysis. If either fails, take corrective action(s) and recalibrate; then reanalyze all affected samples since the last acceptable CCV.	Lab Manager / Analyst	DV-MT-0022
ICPMS	CCB	Immediately following each CCV.	Absolute values of all analytes must be < one-half RL or < one-tenth the amount measured in any sample. Nondetects associated with positive blank infractions may be reported. Sample results > 10 × LOQ associated with negative blanks may be reported.	Reanalyze once. If acceptable, continue. If unacceptable, terminate analysis; correct the problem, recalibrate the instrument, verify calibration, and rerun all samples since the last acceptable CCB.	Lab Manager / Analyst	DV-MT-0022
ICPMS	IDL study	At initial setup, and after significant change in instrument type, personnel, test method, or sample matrix.	Calculated IDLs < LOD	NA	Lab Manager / Analyst	DV-MT-0022
CVAA	IC per manufacturer's instructions, with a minimum of five standards and a calibration blank	Daily IC prior to sample analysis.	Correlation coefficient >0.995 ($r^2 \geq 0.99$)	Correct problem, then repeat ICAL.	Lab Manager / Analyst	DV-MT-0017 and DV-MT-0016
CVAA	ICV	Once after each ICAL, prior to beginning analytical run.	Within ±10% of the true value for all target analytes.	Correct problem. Rerun ICV. If that fails, rerun ICAL.	Lab Manager / Analyst	DV-MT-0017 and DV-MT-0016
CVAA	LLCCV	Daily If concentration of lowest calibration standard is less than or equal to the LOQ the lowest standard may be re-quantified against the calibration curve as a LLCCV.	Analytes within +20% of expected value	Correct problem and repeat ICAL.	Lab Manager / Analyst	DV-MT-0017 and DV-MT-0016
CVAA	CCV, same source as IC	Following IC, after every 10 samples and the end of the sequence.	All reported analytes within ±10% of the true value.	Immediately analyze two additional consecutive CCVs. If both pass, samples may be reported without reanalysis. If either fails or if two consecutive CCVs cannot be run, perform corrective action(s) and repeat CCV and all associated samples since last successful CCV. Alternately, recalibrate if necessary; then reanalyze all associated samples since the last acceptable CCV.	Lab Manager / Analyst	DV-MT-0017 and DV-MT-0016
CVAA	ICB/CCB	Immediately after the ICV and immediately after every CCV.	Absolute values of analyte < one-half LOQ or < one-tenth the amount measured in any sample or one-tenth the regulatory limit, whichever is greater. Nondetects associated with positive blank infractions may be reported. Sample results > 10 × associated with negative blanks may be reported.	ICB: Correct problem and repeat ICV/ICB analysis. If that fails, rerun ICAL. All samples following the last acceptable calibration blank must be reanalyzed. CCBs may not be reanalyzed without reanalysis of the associated samples and CCV(s). CCB failures due to carryover may not require an ICAL.	Lab Manager / Analyst	DV-MT-0017 and DV-MT-0016

Table 24-1. Analytical Instrument Calibration
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Instrument	Calibration Procedure	Frequency	Acceptance Criteria	Corrective Action	Title/Position Responsible for Corrective Action	SOP Reference
GC-ECD	Breakdown check	Prior to analysis of samples and at the beginning of each 12-hour period.	Degradation ≤ 15% for both DDT and Endrin.	Evaluate standard, chromatography, and detector response. If problem (e.g., active sites on column, dirty inlet) indicated, correct as appropriate, then repeat breakdown check.	Lab Manager / Analyst	DV-GC-0020
GC-ECD	ICAL minimum five-point ICAL for target analytes	At instrument setup and after ICV or CCV failure, prior to sample analysis.	One of the options below: 1. RSD for each analyte ≤ 20% 2. Linear least squares regression: r ≥ 0.995 3. Non-linear regression: COD (r^2) ≥ 0.99, minimum of 6 points for second order	Correct problem then repeat ICAL.	Lab Manager / Analyst	DV-GC-0020
GC-ECD	Retention time window position establishment	Once per ICAL and at the beginning of the analytical sequence.	RT width is ±3 times standard deviation for each analyte RT from the 72-hour study or 0.03 minute, whichever is greater.	NA	Lab Manager / Analyst	DV-GC-0020
GC-ECD	ICV	Once after each ICAL, analysis of a second source standard prior to sample analysis.	All reported analytes within established RT windows and within ±20% of the expected value from the ICAL.	Correct problem, rerun ICV. If that fails, repeat ICAL.	Lab Manager / Analyst	DV-GC-0020
GC-ECD	CCV	Before sample analysis, after every 10 field samples, and at the end of the analysis sequence with the exception of CCVs for pesticide multi-component analytes (i.e., toxaphene, chlordane, and Aroclors other than 1016 and 1260), which are only required before sample analysis.	All reported analytes and surrogates within established RT windows and within ±20% of the expected value from the ICAL.	Immediately analyze two additional consecutive CCVs. If both pass, samples may be reported without reanalysis. If either fails, or if two consecutive CCVs cannot be run, perform corrective action(s) and repeat CCV and all associated samples since last successful CCV. Alternately, recalibrate if necessary; then reanalyze all associated samples since the last acceptable CCV.	Lab Manager / Analyst	DV-GC-0020
GC-ECD	IS	Every field sample, standard, and QC sample.	RT within ±0.06 RRT units from RT of the midpoint standard in the ICAL; Internal standard signal (area or height) within -50% to +100% of ICAL midpoint standard. On days when ICAL is not performed, the daily initial CCV can be used.	Inspect GC for malfunctions and correct problem. Reanalysis of samples analyzed while system was malfunctioning is mandatory. If corrective action fails in field samples, data must be qualified and explained in the case narrative. Apply Q-flag to analytes associated with the non-compliant IS.	Lab Manager / Analyst	DV-GC-0020
GC/MS	Check of mass spectral ion intensities (tuning procedure) using BFB	Prior to ICAL and at the beginning of each 12-hour period.	Refer to method/SOP for specific ion criteria.	Retune instrument and verify.	Lab Manager / Analyst	DV-MS-0010
GC/MS	Minimum five-point ICAL for target analytes, lowest concentration standard at or near the reporting limit (ICAL)	ICAL prior to sample analysis.	Each analyte must meet one of the three options below: 1. RSD for each analyte ≤ 15% 2. Linear least squares regression for each analyte: r^2 ≥ 0.99 3. Non-linear least squares regression (quadratic) for each analyte: r^2 ≥ 0.99	Terminate analysis; correct the problem; recalibrate. Problem must be corrected. No samples may be run until ICAL has passed.	Lab Manager / Analyst	DV-MS-0010
GC/MS	Second-source calibration verification (ICV)	Once after each ICAL.	All project analytes within ±20% of true value.	Correct problem, and verify second source standard. Rerun verification. If still fails, repeat ICAL.	Lab Manager / Analyst	DV-MS-0010
GC/MS	RT window position establishment	Once per ICAL, for each analyte and surrogate.	Set position using the mid-point standard of the ICAL when ICAL is performed. On days when ICAL is not performed, use initial CCV.	NA	Analyst	DV-MS-0010
GC/MS	Evaluation of RRTs	With each sample.	RRT of each reported analyte within ±0.06 RRT units.	Correct problem, then rerun ICAL.	Analyst / Section Supervisor	DV-MS-0010
GC/MS	Daily closing calibration verification (CCV)	Daily, at the end of the analytical batch run.	All reported analytes and surrogates within ±20% of true value. All reported analytes and surrogates within ±50% for end of analytical batch CCV.	Immediately analyze two additional consecutive CCVs. If both pass, samples may be reported without reanalysis. If either fails, take corrective action(s) and recalibrate; then reanalyze all affected samples since the last acceptable CCV. Alternately, recalibrate if necessary; then reanalyze all associated samples since the last acceptable CCV.	Lab Manager / Analyst	DV-MS-0010

Table 24-1. Analytical Instrument Calibration
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Instrument	Calibration Procedure	Frequency	Acceptance Criteria	Corrective Action	Title/Position Responsible for Corrective Action	SOP Reference
GC/MS	IS	During acquisition of calibration standard.	RT within ±10 seconds from RT of the midpoint standard in the ICAL; IS area within -50% to +100% of ICAL midpoint standard.	Inspect mass spectrometer and GC for malfunctions; mandatory reanalysis of samples analyzed while system was malfunctioning.	Lab Manager / Analyst	DV-MS-0010
GC/MS	Check of mass spectral ion intensities (tuning procedure) using DFTPP	Prior to ICAL and at the beginning of each 12-hour period.	Refer to method/SOP for specific ion criteria.	Retune instrument and verify.	Lab Manager / Analyst	DV-MS-0012
GC/MS	Performance check	At the beginning of each 12-hour period, prior to sample analysis.	Degradation ≤ 20% for DDT. Benzidine and pentachlorophenol present at their normal responses, and tailing factor for each < 2.	Correct problem (inspect/change liner, clip front end of column, or other maintenance as indicated), then repeat the performance check.	Lab Manager / Analyst	DV-MS-0012
GC/MS	Minimum five-point ICAL for target analytes, lowest concentration standard at or near the reporting limit (ICAL)	ICAL prior to sample analysis.	Each analyte must meet one of the three options below: 1. RSD for each analyte ≤ 15% 2. Linear least squares regression for each analyte: $r^2 \geq 0.99$ 3. Non-linear least squares regression (quadratic) for each analyte: $r^2 \geq 0.99$	Verify standard solutions still valid, perform instrument maintenance as needed, then repeat the ICAL.	Lab Manager / Analyst	DV-MS-0012
GC/MS	Second-source calibration verification (ICV)	Once after each ICAL, analysis of a second source standard prior to sample analysis.	Acceptance criteria: All reported analytes within ±20% of true value.	Correct problem and verify second source standard. Rerun verification. If still fails, repeat ICAL.	Lab Manager / Analyst	DV-MS-0012
GC/MS	RT window position establishment	Once per ICAL, and at the beginning of the analytical sequence for each analyte and surrogate.	Set position using the mid-point standard of the ICAL when ICAL is performed. On days when ICAL is not performed, use initial CCV.	NA	Analyst	DV-MS-0012
GC/MS	Evaluation of RRT	With each sample.	RRT of each reported analyte within ±0.06 RRT units.	Correct problem, then rerun ICAL.	Analyst / Section Supervisor	DV-MS-0012
GC/MS	Daily calibration verification (CCV)	Daily, prior to sample analysis and after every 12 hours of analysis time.	All reported analytes and surrogates within ±20% of true value.	Immediately analyze two additional consecutive CCVs. If both pass, samples may be reported without reanalysis. If either fails or if two consecutive CCVs cannot be run, perform corrective action(s) and repeat CCV and all associated samples since last successful CCV. Alternately, recalibrate if necessary; then reanalyze all associated samples since the last acceptable CCV.	Lab Manager / Analyst	DV-MS-0012
GC/MS	Daily closing calibration verification (CCV)	Daily, at the end of the analytical batch run.	All reported analytes and surrogates within ±50% for end of analytical batch CCV.	Immediately analyze two additional consecutive CCVs. If both pass, samples may be reported without reanalysis. If either fails, take corrective action(s) and recalibrate; then reanalyze all affected samples since the last acceptable CCV. Alternately, recalibrate if necessary; then reanalyze all associated samples since the last acceptable CCV.	Lab Manager / Analyst	DV-MS-0012
GC/MS	IS	During acquisition of calibration standard.	RT within ±10 seconds from RT of the midpoint standard in the ICAL; IS area within -50% to +100% of ICAL midpoint standard.	Inspect mass spectrometer and GC for malfunctions; mandatory reanalysis of samples analyzed while system was malfunctioning.	Lab Manager / Analyst	DV-MS-0012
GC/MS	Check of mass spectral ion intensities (tuning procedure) using DFTPP (8270E)	Prior to ICAL and at the beginning of each 12-hour period.	Refer to method/SOP for specific ion criteria.	Retune instrument and verify.	Lab Manager / Analyst	DV-MS-0002
GC/MS	Performance check	At the beginning of each 12-hour period, prior to sample analysis.	Degradation ≤ 20% for DDT. Benzidine and pentachlorophenol present at their normal responses, and tailing factor for each < 2.	Correct problem (inspect/change liner, clip front end of column, or other maintenance as indicated), then repeat the performance check.	Lab Manager / Analyst	DV-MS-0002
GC/MS	Minimum five-point ICAL for target analytes, lowest concentration standard at or near the reporting limit (ICAL)	ICAL prior to sample analysis.	Each analyte must meet one of the three options below: 1. RSD for each analyte ≤ 15% 2. Linear least squares regression for each analyte: $r^2 \geq 0.99$ 3. Non-linear least squares regression (quadratic) for each analyte: $r^2 \geq 0.99$	Verify standard solutions still valid, perform instrument maintenance as needed, then repeat the ICAL.	Lab Manager / Analyst	DV-MS-0002

Table 24-1. Analytical Instrument Calibration
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Instrument	Calibration Procedure	Frequency	Acceptance Criteria	Corrective Action	Title/Position Responsible for Corrective Action	SOP Reference
GC/MS	Second-source calibration verification (ICV)	Once after each ICAL, analysis of a second source standard prior to sample analysis.	Acceptance criteria: All reported analytes within ±20% of true value.	Correct problem and verify second source standard. Rerun verification. If still fails, repeat ICAL.	Lab Manager / Analyst	DV-MS-0002
GC/MS	RT window position establishment	Once per ICAL, and at the beginning of the analytical sequence for each analyte and surrogate.	Set position using the mid-point standard of the ICAL when ICAL is performed. On days when ICAL is not performed, use initial CCV.	NA	Analyst	DV-MS-0002
GC/MS	Evaluation of RRT	With each sample.	RRT of each reported analyte within 0.06 RRT units of the mean RRT of the calibration standards. RRT may be updated based on the daily CCV.	Correct problem and then rerun ICAL.	Analyst	DV-MS-0002
GC/MS	Daily calibration verification (CCV)	Daily, prior to sample analysis and after every 12 hours of analysis time.	All reported analytes and surrogates within ±20% of true value. If pentachlorophenol is a target analyte, a %D from true value of ±50% is allowed.	Immediately analyze two additional consecutive CCVs. If both pass, samples may be reported without reanalysis. If either fails or if two consecutive CCVs cannot be run, perform corrective action(s) until a passing CCV is attained, and then reanalyze all associated samples since last acceptable CCV. Alternatively, perform an ICAL (including appropriate instrument QC) if necessary; then reanalyze all associated samples since the last acceptable CCV.	Lab Manager / Analyst	DV-MS-0002
GC/MS	Daily closing calibration verification (CCV)	Daily, at the end of the analytical batch run.	All reported analytes and surrogates within ±50% for end of analytical batch CCV.	Immediately analyze two additional consecutive CCVs. If both pass, samples may be reported without reanalysis. If either fails or if two consecutive CCVs cannot be run, perform corrective action(s) until a passing CCV is attained, and then reanalyze all associated samples since last acceptable CCV. Alternatively, perform an ICAL (including appropriate instrument QC) if necessary; then reanalyze all associated samples since the last acceptable CCV.	Lab Manager / Analyst	DV-MS-0002
GC/MS	IS	During acquisition of calibration standard.	RT within ±10 seconds from RT of the midpoint standard in the ICAL; IS area within -50% to +100% of ICAL midpoint standard.	Inspect mass spectrometer and GC for malfunctions; mandatory reanalysis of samples analyzed while system was malfunctioning.	Lab Manager / Analyst	DV-MS-0002
ESI/LC/MS/MS	ICAL – Minimum five-point ICAL for target analytes	ICAL prior to sample analysis.	Acceptance Criteria options: 1. RSD for each analyte ≤ 20% 2. Linear least squares regression: r2 ≥ 0.99 (r > 0.995) 3. Non-linear regression: COD r2 ≥ 0.99	Correct the problem then repeat ICAL.	Lab Manager / Analyst	DV-LC-0014
ESI/LC/MS/MS	RT window position establishment	Once per ICAL and at the beginning of the analytical sequence, for each analyte and surrogate.	Set position using the mid-point standard of the ICAL when ICAL is performed. On days when ICAL is not performed, use initial CCV.	NA	Lab Manager / Analyst	DV-LC-0014
ESI/LC/MS/MS	RT window width	Perform 72-hour study at method setup and after major maintenance (e.g., column change) to calculate the RT window width for each analyte and surrogate.	RT width is ±3 times standard deviation for each analyte RT from the 72-hour study or 0.03 minute, whichever is greater.	NA	Lab Manager / Analyst	DV-LC-0014
ESI/LC/MS/MS	ICV	Second source standard immediately following ICAL.	All analytes and surrogates within ±20% of expected value.	Correct problem. Repeat ICV. If that fails, repeat ICAL.	Lab Manager / Analyst	DV-LC-0014
ESI/LC/MS/MS	CCV	Before sample analysis, after every 10 field samples, and at the end of the analysis sequence.	All analytes within ±20% of true value.	Immediately analyze two additional consecutive CCVs. If both pass, samples may be reported without reanalysis. If either fails, or if two consecutive CCVs cannot be run, perform corrective action(s) and repeat CCV and all associated samples since last successful CCV. Alternately, recalibrate if necessary; then reanalyze all associated samples since the last acceptable CCV.	Lab Manager / Analyst	DV-LC-0014

Table 24-1. Analytical Instrument Calibration
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Instrument	Calibration Procedure	Frequency	Acceptance Criteria	Corrective Action	Title/Position Responsible for Corrective Action	SOP Reference
ESI/LC/MS/MS	IS	Every field sample, standard and QC sample.	RT within +30 sec from RT of the midpoint standard in the ICAL. IS signal area within -50% to +100% of ICAL midpoint standard. On days when ICAL is not performed, the daily initial CCV can be used.	Inspect instrumentation for malfunctions and correct problem. Reanalysis of samples analyzed while system was malfunctioning is mandatory. If corrective action fails in field samples, data must be qualified and explained in the case narrative.	Lab Manager / Analyst	DV-LC-0014
GC-FID	Minimum five-point initial calibration for single eluting target analytes.	Initial calibration after instrument set-up and after ICV/CCV failure, prior to sample analysis.	One of the options below: 1. RSD for each analyte ≤ 20%; 2. Linear least squares regression: r ≥ 0.995; 3. Non-linear regression: COD (r^2) ≥ 0.99, minimum of 6 points for second order.	Correct problem then repeat ICAL.	Lab Manager / Analyst [b]	DV-GC-0027
GC-FID	Retention Time Window Position Establishment	Once per ICAL, for each analyte and surrogate.	Set position using the mid-point standard of the ICAL when ICAL is performed. On days when ICAL is not performed, use initial CCV.	NA	Analyst	DV-GC-0027
GC-FID	Retention Time Window Width	Perform 72-hour study at method set-up and after major maintenance (e.g., column change) to calculate the RT window width for each analyte and surrogate. Only applicable if internal standard calibration is not used.	RT width is ± 3 times the standard deviation for each analyte RT from the 72-hour study or 0.03 minutes, whichever is greater.	NA	Analyst/Lab Manager	DV-GC-0027
GC-FID	Initial calibration verification (ICV)	Once after each ICAL, analysis of a second source standard prior to sample analysis.	All reported analytes within established RT windows, and within ± 20% of the expected value from the ICAL.	Correct problem, rerun ICV. If that fails, repeat ICAL.	Lab Manager / Analyst [b]	DV-GC-0027
GC-FID	Daily calibration verification	Prior to sample analysis, after every 10 field samples, and at the end of the sequence. CCVs for non-routine hydrocarbon mixtures multi-eluting pesticides (i.e., jet fuels, etc) are required only before sample analysis.	All reported analytes and surrogates within established RT windows, and within ± 20% of the expected value from the ICAL.	Immediately analyze two additional consecutive CCVs. If both pass, samples may be reported without reanalysis. If either fails, or if two consecutive CCVs cannot be run, perform corrective action(s) and repeat CCV and all associated samples since last successful CCV. Alternately, recalibrate if necessary; then reanalyze all associated samples since the last acceptable CCV.	Lab Manager / Analyst [b]	DV-GC-0027
GC-FID	Minimum five-point initial calibration for single eluting target analytes. Single-level initial calibration for non-routine hydrocarbon mixtures (i.e., jet fuels, etc).	Initial calibration after instrument set-up and after ICV/CCV failure, prior to sample analysis.	One of the options below: 1. RSD for each analyte ≤ 20%; 2. Linear least squares regression: r ≥ 0.995; 3. Non-linear regression: COD (r^2) ≥ 0.99, minimum of 6 points for second order.	Correct problem then repeat ICAL.	Lab Manager / Analyst [b]	DV-GC-0010
GC-FID	Retention Time Window Position Establishment	Once per ICAL, for each analyte and surrogate.	Set position using the mid-point standard of the ICAL when ICAL is performed. On days when ICAL is not performed, use initial CCV. For Fuel mixtures use RT Marker solution to set ranges.	NA	Analyst	DV-GC-0010
GC-FID	Retention Time Window Width	Perform 72-hour study at method set-up and after major maintenance (e.g., column change) to calculate the RT window width for each analyte and surrogate. Only applicable if internal standard calibration is not used.	RT width is ±3 times the standard deviation for each analyte RT from the 72-hour study or 0.03 minutes, whichever is greater.	NA	Analyst/Lab Manager	DV-GC-0010
GC-FID	Initial calibration verification (ICV)	Once after each ICAL, analysis of a second source standard prior to sample analysis.	All reported analytes within established RT windows, and within ±20% of the expected value from the ICAL.	Correct problem, rerun ICV. If that fails, repeat ICAL.	Lab Manager / Analyst [b]	DV-GC-0010

Table 24-1. Analytical Instrument Calibration
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Instrument	Calibration Procedure	Frequency	Acceptance Criteria	Corrective Action	Title/Position Responsible for Corrective Action	SOP Reference
GC-FID	Daily calibration verification	Prior to sample analysis, after every 10 field samples, and at the end of the sequence. CCVs for non-routine hydrocarbon mixtures multi-eluting pesticides (i.e., jet fuels, etc.) are required only before sample analysis.	All reported analytes and surrogates within established RT windows, and within ± 20% of the expected value from the ICAL.	Immediately analyze two additional consecutive CCVs. If both pass, samples may be reported without reanalysis. If either fails, or if two consecutive CCVs cannot be run, perform corrective action(s) and repeat CCV and all associated samples since last successful CCV. Alternately, recalibrate if necessary; then reanalyze all associated samples since the last acceptable CCV.	Lab Manager / Analyst [b]	DV-GC-0010

Notes:

amu = atomic mass unit
BFB = 4-bromofluorobenzene
CCB = continuing calibration blank
CCV = continuing calibration verification
CFR = *Code of Federal Regulations*
COD = coefficient of determination
DFTPP = decafluorotriphenylphosphine
ECD = electron capture detector
ICAL = initial calibration
ICB = initial calibration blank
ICV = initial calibration verification
IDL = instrument detection limit
IS = internal standard
LCMS = liquid chromatography mass spectrometer
LDR = linear dynamic range
LLCCV = low-level calibration check standard
LOC = level of concern
NELAP = National Environmental Laboratory Accreditation Program
PFK = perfluorokerosene
ppm = part(s) per million
RF = response factor
RRT = relative retention time
RT = retention time

WORKSHEET #25

Analytical Instrument and Equipment Maintenance, Testing, and Inspection

The subcontract laboratory will keep all maintenance, testing, and inspection records on file at the laboratory. The instrument and equipment maintenance, testing, and inspection activities are documented in accordance with the SOPs listed in Worksheet #23 and summarized in Table 25-1.

Table 25-1. Analytical Instrument and Equipment Maintenance, Testing, and Inspection
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Instrument/Equipment	Maintenance Activity	Testing Activity	Inspection Activity	Frequency	Acceptance Criteria	Corrective Action	Responsible Person[a]	SOP Reference
GC/HRMS	Parameter setup	Physical check	Physical check	Initially; prior to CCV	Correct parameters	Reset if incorrect	Eurofins Sacramento Chemist	WS-ID-0013
GC/HRMS	Tune check	Instrument performance	Conformance to instrument tuning	Initially; prior to CCV	Compliance to ion abundance criteria	Correct the problem and repeat tune check	Eurofins Sacramento Chemist	WS-ID-0013
ICP-AES	Flush/clean nebulizer	Monitor back pressure	Instrument performance and sensitivity	Daily or as needed	Monitor sample flow and RSDs	Flush/clean or replace	Eurofins Denver Analyst	DV-MT-0021
ICP-AES	Replace tubing, clean torch and axial window cone	None	Instrument performance and sensitivity	Weekly or as needed	Monitor sample flow and RSDs	Flush/clean or replace	Eurofins Denver Analyst	DV-MT-0021
ICP-AES	Check and clean air filters, verify coolant level	None	Preventative maintenance	Monthly	None	None	Eurofins Denver Analyst	DV-MT-0021
ICP-AES	Manufacturer preventive maintenance	None	Preventative maintenance	Biannually or annually, per service agreement	None	None	Manufacturer	DV-MT-0021
ICPMS	Change pump tubing, clean torch, check/clean nebulizer	None	Preventative maintenance	Weekly	None	None	Eurofins Denver Chemist	DV-MT-0022
ICPMS	Clean sample and skimmer cones, clean/flush nebulizer	Tuning check	Instrument tuning performance check	Daily	SOP Section 10.6	Check pump tubing, clean lenses as needed	Eurofins Denver Analyst	DV-MT-0022
ICPMS	Replace pump tubing	Tuning check	Instrument performance and sensitivity	Weekly or as needed	SOP Section 10.6	Check valves, clean lenses as needed	Eurofins Denver Analyst	DV-MT-0022
ICPMS	Clean lens, torch, injector	Tuning check	Instrument performance and sensitivity	Monthly or as needed	SOP Section 10.6	Check valves, clean lenses as needed	Eurofins Denver Analyst	DV-MT-0022
ICPMS	Check and clean air filters, verify coolant level	None	Preventative maintenance	Monthly	None	None	Eurofins Denver Analyst	DV-MT-0022
ICPMS	Change vacuum pump oil	Verify vacuum pressure	Preventative maintenance	Semiannually or as needed	< 100 pascals	None	Eurofins Denver Analyst	DV-MT-0022
ICPMS	Manufacturer preventive maintenance	None	Preventative maintenance	Biannually or annually, per service agreement	None	None	Manufacturer	DV-MT-0022
CVAA	Replace disposables, flush lines, check lamp current and gas flow	Sensitivity check	Instrument performance and sensitivity	Daily or as needed	CCV pass criteria	Recalibrate	Chemist	DV-MT-0017 and DV-MT-0016
GC/MS	Clean sources, maintain vacuum pumps	Tuning	Instrument performance and sensitivity	Service vacuum pumps twice per year, other maintenance as needed	Tune and CCV pass criteria	Recalibrate instrument	Eurofins Denver Analyst	DV-MS-0010
GC/MS	Change septum, clean injection port, change or clip column, install new liner, change trap	Sensitivity check	Instrument performance and sensitivity	Daily or as needed	Tune and CCV pass criteria	Reinspect injector port, cut additional column, reanalyze CCV, recalibrate instrument	Eurofins Denver Analyst	DV-MS-0010
GC/MS	Clean sources, maintain vacuum pumps	Tuning	Instrument performance and sensitivity	Service vacuum pumps twice per year, other maintenance as needed	Tune and CCV pass criteria	Recalibrate instrument	Eurofins Chemist	DV-MS-0012
GC/MS	Change septum, clean injection port, change or clip column, install new liner, change trap	Sensitivity check	Instrument performance and sensitivity	Daily or as needed	Tune and CCV pass criteria	Reinspect injector port, cut additional column, reanalyze CCV, recalibrate instrument	Eurofins Chemist	DV-MS-0012
GC/MS	Clean sources, maintain vacuum pumps	Tuning	Instrument performance and sensitivity	Service vacuum pumps twice per year, other maintenance as needed	Tune and CCV pass criteria	Recalibrate instrument	Chemist	DV-MS-0002

Table 25-1. Analytical Instrument and Equipment Maintenance, Testing, and Inspection
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Instrument/Equipment	Maintenance Activity	Testing Activity	Inspection Activity	Frequency	Acceptance Criteria	Corrective Action	Responsible Person[a]	SOP Reference
GC/MS	Change septum, clean injection port, change or clip column, install new liner, change trap	Sensitivity check	Instrument performance and sensitivity	Daily or as needed	Tune and CCV pass criteria	Reinspect injector port, cut additional column, reanalyze CCV, recalibrate instrument	Chemist	DV-MS-00029
GC-MS Organotin	As needed replacement of components, Replace Septa, Clean and replace Injection Port Liner. Re-tune or cleaning of Mass Spec	Calibration checks	Visual inspection of components	As needed maintenance/calibration checks every 10 injections	Acceptable ICAL/CCV	Recalibration	Eurofins Burlington Analyst	BR-MW-012
LC/MS, IC/MS/MS, and LC/MS/MS	Replace columns as needed, change filters and seals, clean lenses and needles, check eluent reservoirs	Sensitivity check	Instrument performance and sensitivity	Daily or as needed	CCV pass criteria	Recalibrate	Eurofins Denver Chemist	DV-LC-0014
Shimadzu	Replace disposables, check for leaks, change copper and tin as needed, clean purging cell	Analytical standards	Instrument performance and sensitivity	Daily or as needed	CCV pass criteria	Recalibrate	Analyst	DV-WC-0006 DV-WC-0048
GC-FID	Change septum, clean injection port, change or clip column, install new liner, replace column, filters and seals	Detector signals and chromatogram review	Instrument performance and sensitivity	As needed	CCV passes criteria	Reinspect injector port, cut additional column, reanalyze CCV, recalibrate instrument	Eurofins Denver Chemist	DV-GC-0027
GC-FID	Change septum, clean injection port, change or clip column, install new liner, replace column, filters and seals	Detector signals and chromatogram review	Instrument performance and sensitivity	As needed	CCV passes criteria	Reinspect injector port, cut additional column, reanalyze CCV, recalibrate instrument	Eurofins Denver Chemist	DV-GC-0010
GC-ECD	Change septum, clean injection port, change or clip column, install new liner, replace column, filters and seals	Detector signals and chromatogram review	Instrument performance and sensitivity	As needed	CCV passes criteria	Reinspect injector port, cut additional column, reanalyze CCV, recalibrate instrument	Eurofins Denver Chemist	DV-GC-0010

Sample Handling, Custody, and Disposal

Proper sample handling, shipment, and maintenance of a chain-of-custody (CoC) are key components of building the documentation and support for data that can be used to make project decisions. The following sections summarize the field and laboratory sample custody procedures to be followed during the project.

Field Sampling

The field sampling procedures for collecting samples and sampling methods will be documented as described in Worksheets #18 and #21. Any deviations or impacts related to sampling procedures will be evaluated during the data assessment phase of the project. This particularly applies to the PARCCS parameters representativeness and comparability.

Sample Containers

Sample containers should be purchased precleaned and treated according to the EPA specifications for the methods. Sample containers that are reused should be cleaned and decontaminated between uses by the EPA-recommended procedures (e.g., EPA 540/R-93/051). Containers should be stored in clean areas to prevent exposure to fuels, solvents, and other contaminants. Amber glass bottles are used routinely where glass containers are specified in the sampling protocol and should be used for organic sampling to minimize the effects of ultraviolet light on compounds of interest.

Sample Volumes, Container Types, and Preservation Requirements

Sample volumes, container types, and preservation requirements for the analytical methods completed for project samples are listed in Worksheets #19 and #30.

Sample Handling, Custody, and Disposal

Procedures to ensure custody and integrity are provided in the sample management SOP DV-QA-0003. Records concerning the custody and condition of the samples should be maintained in field records and combined with the laboratory records.

The contractor will maintain CoC records for all field and field QC samples. A sample is defined as being under a person's custody if any of the following conditions exist: (1) it is in their possession, (2) it is in their view, after being in their possession, (3) it was in their possession and they locked it up, or (4) it is in a designated secure area.

The following information concerning the sample will be documented on the CoC form:

- Unique sample identification for each container
- Date and time of sample collection
- Source of sample (including name, location, and sample type)
- Designation of MS/MSD
- Preservative used
- Analyses required
- Name of collector(s)

- Pertinent field data (e.g., pH, temperature)
- Serial numbers of custody seals and transportation cases (if used)
- Custody transfer signatures and dates and times of sample transfer from the field to transporters and to the laboratory or laboratories
- Bill of lading or transporter tracking number (if applicable)

All samples will be uniquely identified, labeled, and documented in the field at the time of collection, as outlined in Worksheets #18 and #21, as well as the sample management SOP.

Samples collected in the field will be transported to the laboratory or field testing site using commercial overnight shipping. When a less than 6°C requirement for preserving the sample is indicated, the samples will be packed in ice or chemical refrigerant to keep them cool during collection and transportation. During transit, it is not always possible to rigorously control the temperature of the samples. Generally, storage at low temperature is the best way to preserve most samples. If the temperature of the samples upon receipt exceeds the temperature requirements, the exceedance will be documented in laboratory records and discussed with the project team. The decision regarding the potentially affected samples will also be documented.

Once the samples reach the laboratory, they will be checked against information on the CoC form for anomalies. For the safety of the personnel involved, coolers containing samples will be opened in a hood in case a container of potentially contaminated sample material may have broken. The condition, temperature, and appropriate preservation of samples will be checked and documented on the CoC form. Checking an aliquot of the sample using pH paper is an acceptable procedure except for VOCs where an additional sample is required to check preservation. The occurrence of any anomalies in the received samples and their resolution will be documented in laboratory records. All sample information will then be entered into a tracking system, and unique analytical sample identifiers will be assigned. A copy of this information will be reviewed by the laboratory for accuracy. Sample holding time tracking begins with the collection of samples and continues until the analysis is complete. Holding times for methods are specified in Worksheets #19 and #30. Subcontracted analyses will be documented with the CoC form. Procedures ensuring internal laboratory CoC will also be implemented and documented by the laboratory. Specific instructions concerning the analysis specified for each sample will be communicated to the analysts. Analytical batches will be created, and laboratory QC samples will be introduced into each batch.

Samples will be stored in limited-access, temperature-controlled areas while in the laboratory. Refrigerators, coolers, and freezers will be monitored for temperature 7 days a week. Acceptance criterion for the temperatures of the refrigerators and coolers is less than 6°C. Acceptance criterion for the temperatures of the freezers will be less than -10°C. All cold storage areas will be monitored by thermometers that have been calibrated with a National Institute of Standards and Technology (NIST)-traceable thermometer. As indicated by the findings of the calibration, correction factors will be applied to each thermometer. Records that include acceptance criteria will be maintained. Samples for VOCs determination will be stored separately from other samples, standards, and sample extracts. Samples will be stored for a minimum of 60 days after analysis until disposed of, in accordance with applicable local, state, and federal regulations. Disposal records will be maintained by the laboratory. Refrigerators storing VOC samples will contain a storage blank that will be analyzed at a minimum of every 2 weeks.

SOPs describing sample control and custody will be maintained by the laboratory.

WORKSHEET #28

Analytical Quality Control and Corrective Action

The purpose of the laboratory QC sample activities is to produce data of known quality that satisfy the project-specific DQOs. This worksheet provides additional discussions relevant to the analytical QC requirements that laboratories producing definitive data will be required to follow (see Tables 28-1 through 28-9).

Laboratory QC samples will be included in an analytical batch with the field samples. An analytical batch is a group of samples (not exceeding 20 environmental samples plus associated laboratory QC samples) that are similar in composition (matrix), extracted or digested at the same time and with the same lot of reagents, and analyzed together as a group.

The analytical batch also extends to cover samples that do not need separate extraction or digestion (VOC analysis by purge and trap). The identity of each analytical batch will be unambiguously reported with the analyses so that a reviewer can identify the laboratory QC samples and the associated environmental samples. The type of laboratory QC samples and the frequency of use of these samples are discussed in the following sections.

Limit of Detection

The laboratory MDL will be used to determine the LOD for each analyte and matrix and for all preparatory and cleanup methods routinely used on samples, as follows. After each MDL determination, the laboratory will establish the LOD by spiking a quality system matrix at least two times the MDL but not more than four times the MDL. This spike concentration establishes the LOD; it is specific to each combination of analyte, matrix, method (including sample preparation), and instrument configuration. The LOD must be verified quarterly. However, not all possible combinations of preparation and cleanup techniques are required to have LOD/LOQ verifications. If LOD/LOQ verifications are not performed on all combinations, then the laboratory must base the LOD/LOQ verifications on the worst-case basis (preparation method with all applicable cleanup steps).

The following requirements apply to the LOD determinations and to the quarterly LOD verifications:

- The apparent signal-to-noise ratio at the LOD must be at least 3, and the results must meet all method requirements for analyte identification (e.g., ion abundance, second-column confirmation, or pattern recognition). For data systems that do not provide a noise measurement, the signal produced by the verification sample must produce a result that is at least three standard deviations greater than the mean method blank concentrations. This is initially estimated based on a minimum of four method blank analyses and later established with a minimum of 20 method blank results.
- If a laboratory uses multiple instruments for a given method, the LOD must be verified for each.
- If the LOD verification fails, the laboratory must repeat the LOD verification at a higher concentration, or perform and pass two consecutive LOD verifications at a higher concentration and set the LOD at the higher concentration.
- The laboratory will maintain documentation for all LOD verifications.
- The MDL and LOD must be reported for all analyte-matrix-methods suites unless it is not applicable to the test.

Limit of Quantitation

The laboratory will compare the results of the LOD demonstrations with the LOQs for each method and analyte. The LOD may not be more than the corresponding LOQ. The laboratory will also verify LOQs by including a standard equal to or below the LOQ as the lowest point on the calibration curve.

If a result is greater than the MDL and less than the LOQ, the result will be reported as a detected concentration and flagged "J." If no detected concentration is determined down to the MDL, the result will be reported to the LOD concentration (with the added variables of sample dilution, final volume, and sample mass included), reported as a nondetect result, and U-flagged. A detected result greater than or equal to the LOQ will be reported without a qualifying flag unless stated otherwise in Worksheet #36, Table 36-4.

At a minimum, the LOQ must be verified quarterly. The laboratory procedure for establishing the LOQ must empirically demonstrate precision and bias at the LOQ. The LOQ and associated precision and bias must meet project-specific requirements and must be reported. If the method is modified, precision and bias at the new LOQ must be demonstrated and reported.

LODs and LOQs are provided in Worksheet #15. LODs will be specified by the laboratory at the time of reporting. The laboratory LODs and LOQs were compared with the project-specific screening criteria to determine whether they will meet the analytical DQOs. If the LOD is below the screening criterion, it is sufficient for project decision making. Otherwise, other analyte-specific factors (such as potential use at the site, mobility, toxicity) may be discussed in the PQOs on a more qualitative basis.

Sample dilution due to target and/or nontarget compound concentrations or matrix interference could prevent achievement of the DQOs. Samples must be analyzed initially undiluted, when reasonable. If dilution is necessary, both the original and the diluted results must be reported. Any samples that are not analyzed undiluted must have the express approval of the site contractor within extraction and analysis holding time and be supported by matrix interference documentation, such as sample viscosity, color, odor, or results from other analyses of the same sample, to show that undiluted analysis is not possible. Appropriate cleanup procedures must be followed to minimize matrix effects, resulting in elevated LODs and LOQs.

Laboratory Control Samples

An LCS is a sample of known composition that is spiked with all target analytes (except for Aroclor analysis, which is spiked per the method). The LCS is used with each analytical batch to determine whether the method is in control. Each analyte in the LCS will be spiked at a level less than or equal to the midpoint of the calibration curve, which is defined as the median point of the curve instead of the middle of the range. The LCS will be carried through the complete sample preparation and analysis procedure. The LCS cannot be used as the CCV.

At least one LCS will be included in every analytical batch. If more than one LCS is analyzed in an analytical batch, results from all LCSs will be reported. A failure of an analyte in any of the LCSs will require appropriate corrective action, including qualification of the failed analyte in all the samples, as required.

Marginal Exceedance

Marginal exceedances are not allowed for this project.

Matrix Spikes/Matrix Spike Duplicates

An MS or MSD is an aliquot of sample collected in the field and spiked with known concentrations of all target analytes. The spiking occurs before sample preparation and analysis. Each analyte in the MS and MSD will be spiked at a level less than or equal to the midpoint of the calibration curve for that analyte. The MS/MSD is used to document potential matrix effects associated with a site and will not be used to control the analytical process. The MS/MSD results and flags will not be associated with or related to samples that are collected from the same site where the MS/MSD set was collected, except for an FD. The Field Team Leader or Field Database Manager will select the samples for MS/MSDs, and the laboratory will use those samples to prepare the appropriate MS/MSDs.

If the sample concentration exceeds the spike concentration by a factor of four or more, the data will be reported unflagged. The laboratory should communicate potential matrix difficulties to the site contractor Project Chemist so an evaluation can be made with respect to the project-specific DQOs.

Surrogates

Surrogates are compounds similar to the target analytes in chemical composition and behavior, but not normally found in environmental samples. Surrogates are used to evaluate accuracy, method performance, and extraction efficiency. Surrogates will be added to environmental samples, controls, and blanks in accordance with the method requirements.

If a surrogate recovery is outside the acceptance limit, corrective action must be performed. After the system problems have been resolved and system control has been reestablished, the sample should be reprepared and reanalyzed. If corrective actions are not performed or are ineffective, an appropriate flag (as described in Worksheet #36) will be applied to the sample results.

Internal Standards

ISs are known amounts of standards that are added to a portion of a sample or sample extract and carried through the entire determination procedure. ISs are used as a reference for calibration and for controlling the precision and bias of the analytical method. ISs will be added to environmental samples, controls, and blanks, in accordance with the method requirements.

If the IS results are outside of the acceptance limits, corrective actions will be performed. After the system problems have been resolved and system control has been reestablished, all samples analyzed while the system was malfunctioning will be reanalyzed. If corrective actions are not performed or are ineffective, an appropriate flag (as described in Worksheet #36) will be applied to the sample results.

Retention Time Windows

RT windows are used in GC, IC, and high-performance liquid chromatography (HPLC) analysis for qualitative identification of analytes. RT windows are calculated from replicate analyses of a standard on multiple days. The procedure and calculation method are given in SW-846, Method 8000C. The center of the RT window is established for each analyte and surrogate using the RT of the midpoint standard of the ICAL. For non-mass spectrometry methods, these are updated daily using the absolute RT in the ICV.

If the RT is outside of the acceptance limits, corrective action will be performed. This applies to all CCV subsequent to the ICV and to LCSs. If corrective actions are not performed or are ineffective, an appropriate flag (as described in Worksheet #36) will be applied to the sample results.

Interference Check Samples

Interference check samples (ICSs) are used in ICP-AES and ICP-MS analyses only. The ICSs consist of the following:

- Solution A contains the interfering analytes.
- Solution B contains both the analytes of interest and the interfering analytes.

The ICSs are used to verify background and inter-element correction factors. The ICSs are run at the beginning of each run sequence for Method 6020B.

If the ICS results are outside of the acceptance limits, corrective action will be performed. After the system problems have been resolved and system control has been reestablished, the ICS will be reanalyzed. If ICS results are acceptable, all affected samples will be reanalyzed. If corrective actions are not performed or are ineffective, an appropriate flag (as described in Worksheet #36) will be applied to the sample results.

Method Blanks

A method blank is an analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank is carried through the complete sample preparation and analytical procedure and is used to assess possible contamination resulting from the analytical process.

A method blank will be included in every analytical batch. The presence of analytes in a method blank above the LOD indicates the need for further assessment of the data. The source of contamination should be investigated, and measures must be taken to correct, minimize, or eliminate the problem if the concentration exceeds one-half the LOQ. For common laboratory contaminants (e.g., methylene chloride, acetone, or phthalates), the method blank concentration must not exceed the LOQ.
No analytical data will be corrected for the presence of analytes in blanks.

If an analyte is detected in the method blank and at similar concentrations in the associated samples, and corrective actions are not performed or are ineffective, an appropriate flag (as described in Worksheet #36) will be applied to the sample results.

QC Checks

Holding Time Compliance

All sample preparation and analysis will be completed within the holding times specified in Table 19-1 or method-required holding times. Some methods have more than one holding time requirement (e.g., Methods 8081B and 8270E). For methods not requiring sample preparation, the holding time is calculated from the time of sample collection to the time of completion of all analytical runs. For methods requiring sample preparation before analysis:

- Preparation holding time is calculated from the time of sample collection to the time of completion of preparation.
- Analytical holding time is calculated from the time of completion of preparation to the time of completion of all analytical runs.

Holding times are determined on the basis of days, hours, and minutes. If the time of sample collection is not provided, the laboratory must assume the most conservative time of day. If holding times are exceeded and the analyses are performed, the results will be flagged according to the procedures described in Worksheet #36 and identified in the data-package case narrative.

Confirmation

Results at or above the LOQ for samples analyzed by GC or HPLC require quantitative confirmation. The confirmation will be completed within the method-required holding times. If holding times are exceeded and the analyses are performed, the results will be flagged according to the procedures described in Worksheet #36:

- For GC methods, a second column will be used for confirmation.
- For HPLC methods, a second column or a different detector will be used.

Unless otherwise specified or overlapping peaks are causing erroneously high results, data from the primary column or detector will be reported as the primary result. The column used for both the primary and confirmation results will be indicated on the sample reports. The associated calibration and laboratory QC results will be submitted for both columns so that sample results can be appropriately evaluated.

Control Charts

Control charts are used to track laboratory performance over time. It is recommended that all analytes spiked into the LCS be tracked via control charts. These charts are useful for identifying trends and problems in an analytical method. The laboratory will use these charts to establish in-house LCS control limits. The control charts should be updated as needed (e.g., when there is a significant change to the analytical system). At a minimum, the charts should be updated annually and reviewed each time a data point is generated so that corrective action can be taken in a timely manner. These charts can also be used to benchmark a laboratory's performance against this UFP-QAPP's requirements to determine possible areas for improvement.

Standard Materials

Standard materials (including second source materials) used in calibration and to prepare samples will be traceable to a NIST, EPA, American Association of Laboratory Accreditation (A2LA), or other equivalent approved source, if available. If a NIST, EPA, or A2LA standard material is not available, the standard material proposed for use will be included in an addendum to the project-specific Work Plan and approved before use.

The standard materials will be current, and the following expiration policy will be followed:

- Expiration dates for ampullated solutions will not exceed the manufacturer's expiration date or 1 year from the date of receipt, whichever comes first.
- Expiration dates for laboratory-prepared stock and diluted standards will be no later than the expiration date of the stock solution or material or the date calculated from the holding time allowed by the applicable analytical method, whichever comes first.
- Expiration dates for pure chemicals will be established by the laboratory and be based on chemical stability, possibility of contamination, and environmental and storage conditions.

Expired standard materials will be either revalidated before use or discarded. Revalidation may be performed through assignment of a true value and error window statistically derived from replicate analyses of the material as compared with an unexpired standard. The laboratory will label standard and QC materials with expiration dates.

A second source standard is used to independently confirm the ICAL. A second source standard is a standard purchased from a vendor different from that supplying the material used in the ICAL. The second source material can be used for the continuing calibration standards and/or for the LCS. Two different lot numbers from the same vendor do not normally constitute a second source. However, when a project requires analyses for which there is not a separate vendor source available, the use of different lot numbers from the same vendor will be acceptable to verify calibration.

Supplies and Consumables

The laboratory will inspect supplies and consumables before their use in analysis. The materials description in the methods of analysis will be used as a guideline for establishing the acceptance criteria for these materials. Purity of reagents will be monitored and documented. An inventory and storage system for these materials will ensure that the materials are used before manufacturers' expiration dates and are stored under safe and chemically compatible conditions.

Table 28-1. Laboratory QC Samples – PCB Congeners in Water and Soil

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Sample	Frequency / Number	Method / SOP QC Acceptance Limits	**Corrective Action**	Person(s) Responsible for **Corrective Action**	Data Quality Indicator	Measurement Performance Criteria
Analytical Method */ SOP Reference: EPA Method 1668C; WS-ID-0013*						
Method blank	One per preparation batch	Project-specific criteria, if available. Otherwise, no target analytes detected ≥ one-half LOQ or ≥ 5% of the sample result for the analyte, whichever is greater.	Verify instrument clean (evaluate calibration blank and samples prior to method blank), then reanalyze. Evaluate to determine if systematic issue within laboratory, correct, then re-prepare and reanalyze the method blank and all samples processed with the contaminated blank in accordance with DoD QSM requirements. "Totals" are not considered "target analytes" – no corrective action or flagging is necessary for "totals."	Lab Manager / Analyst	Accuracy/bias contamination	No target analytes ≥ one-half LOQ.
ESI, referred to as IS in reference method.	Every field sample, standard and QC sample	Percent recovery for each ESI in the original sample (prior to dilutions) must meet limits in table per method.	Correct problem, then reprep and reanalyze the samples with failed ESI.	Lab Manager / Analyst	Precisions and accuracy/bias	Meets all EPA Method requirements (5 to 145% recovery).
LCS	One per sample preparation batch	QSM or laboratory statistically derived control limits.	Reanalyze LCS once. If acceptable, report. Otherwise, evaluate and reprep and reanalyze the LCS and all samples in the associated prep batch for failed analytes, if sufficient sample material is available.	Lab Manager / Analyst	Accuracy/bias contamination	QSM or laboratory statistically derived control limits.
MS/MSD	One MS/MSD per analytical/preparation batch	QSM or laboratory statistically derived control limits, RPD ≤ 30~~20~~%.	Identify problem; if not related to matrix interference, re-extract and reanalyze MS/MSD and all associated batch samples in accordance with DoD QSM requirements.	Lab Manager / Analyst	Precision and accuracy/bias	QSM or laboratory statistically derived control limits.

Table 28-2. Laboratory QC Samples – SVOA in Water and Soil
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Sample	Frequency / Number	Method / SOP QC Acceptance Limits	**Corrective Action**	Person(s) Responsible **for Corrective Action**	Data Quality Indicator	Measurement Performance Criteria
Analytical Method */ SOP Reference: Organotins; SOP48333*						
Surrogate spike	Per sample (including MS/MSD, LCS, and blanks)	Soil: 30 to 120, Water: 15 to 150	Evaluate data and determine if a matrix effect or analytical error is indicated. If analytical error, reanalyze and/or re-extract. If matrix effect, review project DQOs to determine if a matrix effect must be confirmed by reanalysis. Flag all reported values outside of control limits.	Lab Manager / Analyst	Accuracy	Per laboratory SOP
Method blanks	One per prep batch of up to 20 samples	No analytes detected > defined limit or > one-tenth the amount measured in any sample.	Take appropriate corrective action, which may include reanalysis of method blank, re-extraction of batch, and/or NCM. Corrective action must be documented in NCM. If samples are nondetect or if detects are 10 × the method blank level re-prep and reanalysis may not be required.	Lab Manager / Analyst	Accuracy/laboratory contamination	Per laboratory SOP
MS/MSD	One per prep batch of up to 20 samples	Individual Laboratory Statistical Limits. 30% RPD. See SOP.	Evaluate data and determine if a matrix effect or analytical error is indicated. If analytical error, reanalyze and/or re-extract.	Lab Manager / Analyst	Accuracy/bias/precision	Per laboratory SOP
Duplicates	One per prep batch of up to 20 samples	30% RPD	Evaluate data and determine if a matrix effect or analytical error is indicated. If analytical error, reanalyze and/or re-extract.	Lab Manager / Analyst	Precision	Per laboratory SOP
LCS	One per prep batch of up to 20 samples	Individual Laboratory Statistical Limits. See SOP.	Reanalyze LCS, re-prep and reanalyze LCS and all associated samples if sufficient sample volume is available. If corrective action not successful, initiate nonconformance report and qualify sample results.	Lab Manager / Analyst	Accuracy/bias/precision	Per laboratory SOP
LCSD	One per prep batch of up to 20 samples, only if no MS/MSD or duplicate in batch	30% RPD	Reanalyze LCS, re-prep and reanalyze LCS and all associated samples if sufficient sample volume is available. If corrective action not successful, initiate nonconformance report and qualify sample results.	Lab Manager / Analyst	Accuracy/bias/precision	Per laboratory SOP

Note:
NCM = Non-conformance Memo

Table 28-3. Laboratory QC Samples – ICP-AES Metals in Water and Soil

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Sample	Frequency / Number	Method / SOP QC Acceptance Limits	Corrective Action	Person(s) Responsible for Corrective Action	Data Quality Indicator	Measurement Performance Criteria
Analytical Method / SOP Reference: EPA Method 6010D; DV-MT-0021						
Method blank	One per digestion batch.	No target analytes with absolute value result ≥ one-half RL and < one-tenth the amount measured in any sample (whichever is greater). Results may not be reported without a valid method blank. Nondetects associated with positive blank infractions may be reported.	Verify instrument clean (evaluate calibration blank and samples prior to method blank), then reanalyze. Evaluate to determine if systematic issue within laboratory, correct, then re-prepare and reanalyze the method blank and all samples processed with the contaminated blank in accordance with DoD QSM requirements. If reanalysis cannot be performed, data must be qualified and explained in the case narrative. Apply B-flag to all results for the specific analyte(s) in all samples in the associated batch.	Lab Manager / Analyst	Accuracy/bias contamination	No target analytes ≥ one-half RL in accordance with DoD QSM requirements.
LCS	One LCS per each preparation batch.	QC acceptance criteria as specified by DoD; or laboratory statistically derived control limits in accordance with DoD QSM requirements.	Evaluate LCS data and reanalyze if bias appears instrument related. If bias appears preparation related, determine if trend requires correction prior to reprep and reanalysis of the LCS and all samples in the associated prep batch for failed analytes, if sufficient sample material is available. If reanalysis cannot be performed, data must be qualified and explained in the case narrative. Apply qualifier flag to specific analyte(s) in all samples in the associated preparatory batch.	Lab Manager / Analyst	Precisions and accuracy/bias	Recovery within DoD QSM Appendix C limits; or laboratory statistically derived control limits if no limits in QSM.
MS/MSD for all analytes	One MS/MSD pair per preparation batch.	QC acceptance criteria as listed in the DoD QSM Appendix C Limits if project limits are not specified. If the analyte(s) are not listed, use in-house limits if project limits are not specified. MSD or MD: RPD of all analytes ≤ 3~~2~~0% (between MS and MSD or sample and MD).	Examine the project-specific DQOs. Evaluate the data, and re-prepare/reanalyze the native sample and MS/MSD pair as indicated. Contact the client as to additional measures to be taken. For the specific analyte(s) in the parent sample, apply qualifier flag if acceptance criteria are not met and explain in the case narrative.	Lab Manager / Analyst	Precision and accuracy/bias	Recovery within DoD QSM Appendix C limits; or laboratory statistically derived control limits if no limits in QSM. For sample/MD: RPD criteria only apply to analytes whose concentration in the sample is greater than or equal to the LOQ.
Dilution test (serial dilution)	One per batch of 20 field samples or fewer.	1:5 dilution must agree within ±10% of the original determination in accordance with DoD QSM requirements.	No specific required corrective action unless stipulated by the project. May require performance of the post-digestion spike. For the specific analyte(s) in the parent sample, apply qualifier flag if acceptance criteria are not met and explain in the case narrative.	Lab Manager / Analyst	Accuracy	10% difference. Only applicable for samples with concentrations > 50 × RL (prior to dilution). Use along with MS/MSD or Post Digestion Spike data to confirm matrix effects.
Post-digestion spike addition	One per preparatory batch if MS/MSD fails.	Recovery within 80 to 120% of expected results in accordance with DoD QSM requirements.	No specific required corrective action unless stipulated by the project. For the specific analyte(s) in the parent sample, apply qualifier flag if acceptance criteria are not met and explain in the case narrative.	Lab Manager / Analyst	Accuracy	Recovery within 80 to 120% of expected results in accordance with DoD QSM requirements. Criteria apply for samples with concentrations < 50 × LOQ prior to dilution.

Note:

MD = matrix duplicate

Table 28-4. Laboratory QC Samples – ICPMS Metals in Water and Soil
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Sample	Frequency / Number	Method / SOP QC Acceptance Limits	**Corrective Action**	Person(s) Responsible **for Corrective Action**	Data Quality Indicator	Measurement Performance Criteria
Analytical Method / SOP Reference: EPA Method 6020B; DV-MT-0022						
Method blank	One per digestion batch.	No target analytes with absolute value result ≥ one-half RL and < one-tenth the amount measured in any sample (whichever is greater). Results may not be reported without a valid method blank. Nondetects associated with positive blank infractions may be reported.	Verify instrument clean (evaluate calibration blank and samples prior to method blank), then reanalyze. Evaluate to determine if systematic issue within laboratory, correct, then re-prepare and reanalyze the method blank and all samples processed with the contaminated blank in accordance with DoD QSM requirements. If reanalysis cannot be performed, data must be qualified and explained in the case narrative. Apply B-flag to all results for the specific analyte(s) in all samples in the associated batch.	Lab Manager / Analyst	Accuracy/bias contamination	No target analytes ≥ one-half RL in accordance with DoD QSM requirements.
ICS	After ICAL and prior to sample analysis.	ICS-A: Absolute value of concentration for all non-spiked project analytes < one-half RL (unless they are a verified trace impurity from one of the spiked analytes). ICS-AB: Within ±20% of true value.	Terminate analysis, correct problem, then reanalyze ICS and all affected samples in accordance with DoD QSM requirements.	Lab Manager / Analyst	Accuracy	Within ±20% of expected value in accordance with DoD QSM requirements.
LCS	One LCS per each preparation batch.	QC acceptance criteria as specified by DoD; or laboratory statistically derived control limits in accordance with DoD QSM requirements.	Evaluate LCS data and reanalyze if bias appears instrument related. If bias appears preparation related, determine if trend requires correction prior to reprep and reanalysis of the LCS and all samples in the associated prep batch for failed analytes, if sufficient sample material is available. If reanalysis cannot be performed, data must be qualified and explained in the case narrative. Apply qualifier flag to specific analyte(s) in all samples in the associated preparatory batch.	Lab Manager / Analyst	Precisions and accuracy/bias	Recovery within DoD QSM Appendix C limits; or laboratory statistically derived control limits if no limits in QSM.
MS/MSD for all analytes	One MS/MSD pair per preparation batch.	QC acceptance criteria as listed in the DoD QSM Appendix C Limits if project limits are not specified. If the analyte(s) are not listed, use in-house limits if project limits are not specified. MSD or MD: RPD of all analytes ≤ 3~~2~~0% (between MS and MSD or sample and MD).	Examine the project-specific DQOs. Evaluate the data, and re-prepare/reanalyze the native sample and MS/MSD pair as indicated. Contact the client as to additional measures to be taken. For the specific analyte(s) in the parent sample, apply qualifier flag if acceptance criteria are not met and explain in the case narrative.	Lab Manager / Analyst	Precision and accuracy/bias	Recovery within DoD QSM Appendix C limits; or laboratory statistically derived control limits if no limits in QSM. For sample/MD: RPD criteria only apply to analytes whose concentration in the sample is greater than or equal to the LOQ.
Dilution test (serial dilution)	One per batch of 20 field samples or fewer.	1:5 dilution must agree within ±10% of the original determination in accordance with DoD QSM requirements.	No specific required corrective action unless stipulated by the project. May require performance of the post-digestion spike. For the specific analyte(s) in the parent sample, apply qualifier flag if acceptance criteria are not met and explain in the case narrative.	Lab Manager / Analyst	Accuracy	10% difference. Only applicable for samples with concentrations > 50 × RL (prior to dilution). Use along with MS/MSD or Post Digestion Spike data to confirm matrix effects.
Post-digestion spike addition	One per preparatory batch if MS/MSD fails.	Recovery within 80 to 120% of expected results in accordance with DoD QSM requirements.	No specific required corrective action unless stipulated by the project. For the specific analyte(s) in the parent sample, apply qualifier flag if acceptance criteria are not met and explain in the case narrative.	Lab Manager / Analyst	Accuracy	Recovery within 80 to 120% of expected results in accordance with DoD QSM requirements. Criteria apply for samples with concentrations < 50 × LOQ prior to dilution.
IS	Every field sample, standard, and QC sample.	IS intensity within 30 to 120% of the IS in the ICAL blank.	If recoveries are acceptable for QC samples, but not field samples, the field samples may be considered to suffer from a matrix effect. Reanalyze sample at five-fold dilutions until criteria is met. For failed QC samples, correct problem and rerun all associated failed field samples.	Lab Manager / Analyst	Accuracy/bias	IS outside limits is an indicator of matrix effects.

Table 28-5. Laboratory QC Samples – Mercury in Water and Soil
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Sample	Frequency / Number	Method / SOP QC Acceptance Limits	**Corrective Action**	Person(s) Responsible for **Corrective Action**	Data Quality Indicator	Measurement Performance Criteria
Analytical Method / SOP Reference: EPA Method 7470A/7471B; DV-MT-0017 and DV-MT-0016						
Method blank	One per digestion batch.	No target analytes ≥ one-half LOQ or > one-tenth the amount measured in any sample (whichever is greater).	Correct problem. If required, reprep and reanalyze method blank and all QC samples and field samples processed with the contaminated blank.	Lab Manager / Analyst	Contamination: No target analytes ≥ one-half LOQ in accordance with DoD QSM requirements	No target analytes ≥ one-half LOQ in accordance with DoD QSM requirements.
LCS	One LCS per each preparation batch.	QC acceptance criteria as specified by QSM; or laboratory statistically derived control limits in accordance with QSM requirements.	Correct problem, then reprep and reanalyze the LCS and all samples in the associated preparatory batch for failed analytes if sufficient sample material is available.	Lab Manager / Analyst	Precisions and accuracy/bias	Recovery within QSM requirements; or laboratory statistically derived control limits.
MS/MSD for all analytes	One MS/MSD pair per preparation batch.	QC acceptance criteria as specified by DoD; or laboratory statistically derived control limits in accordance with DoD QSM requirements. MSD or MD: RPD of all analytes ≤ 3~~2~~0% (between MS and MSD or sample and MD).	Examine the project-specific DQOs. Evaluate the data, and re-prepare/reanalyze the native sample and MS/MSD pair as indicated.	Lab Manager / Analyst	Precision and accuracy/bias	Recovery within QSM requirements (RPD ≤ 20); or laboratory statistically derived control limits.

Table 28-6. Laboratory QC Samples – Chlorinated Pesticides in Water and Soil
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Sample	Frequency / Number	Method / SOP QC Acceptance Limits	**Corrective Action**	Person(s) Responsible for **Corrective Action**	Data Quality Indicator	Measurement Performance Criteria
Analytical Method / SOP Reference: EPA Method 8081A/8081B; DV-GC-0020						
Method blank	One per batch (20 samples).	No target compounds > one-half RL and > one-tenth the amount in any sample (whichever is greater).	If sufficient sample is available, reanalyze samples. Qualify data as needed. Report results if sample results >10x blank result or sample results are nondetect.	Lab Manager / Analyst	Contamination	No target analytes ≥ one-half RL in accordance with QSM requirements.
Surrogate standards	Every field sample and QC samples.	QSM limits (if available) or current in-house limits if no QSM limits published.	Correct problem, then reprep and reanalyze all failed samples for all surrogates in the associated preparatory batch if sufficient sample material is available. If obvious chromatographic interference is present, reanalysis may not be necessary, but the client must be notified prior to reporting data, and the failures must be discussed in the case narrative.	Lab Manager / Analyst	Precisions and accuracy/bias	QSM or laboratory statistically derived control limits.
LCS	One per batch (20 samples).	QSM limits (if available) or current in-house limits if no QSM limits published.	Correct problem, then reprep and reanalyze the LCS and all samples in the associated preparatory batch for failed analytes if sufficient sample material is available.	Lab Manager / Analyst	Precisions and accuracy/bias	QSM or laboratory statistically derived control limits.
MS/MSD for all analytes	One per batch (20 samples).	Recovery: QSM limits (if available) or current in-house limits if no QSM limits published. RPD: RPD of all analytes ≤ 30% (between MS and MSD).	If not related to matrix interference, re-extract and reanalyze MS/MSD, if sufficient sample material available.	Lab Manager / Analyst	Precision and accuracy/bias	QSM or laboratory statistically derived control limits.
Second-column confirmation	All positive results.	Calibration and QC criteria for second column are the same as for initial or primary column analysis. Results between primary and secondary column RPD ≤ 40%.	Evaluate data, then report with flag to denote RPD > 40%. Narrate obvious matrix issues.	Lab Manager / Analyst	Precision and accuracy/bias	Same as for initial or primary column analysis.

Table 28-7. Laboratory QC Samples – Volatiles in Water and Soil

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Sample	Frequency / Number	Method / SOP QC Acceptance Limits	**Corrective Action**	Person(s) Responsible **for Corrective Action**	Data Quality Indicator	Measurement Performance Criteria
Analytical Method / SOP Reference: EPA Method 8260B, C and D; DV-MS-0010						
IS	Every field sample, standard, and QC sample.	RT ±10 seconds from RT of the midpoint standard in ICAL; IS area within -50% to +100% of ICAL midpoint standard.	Inspect mass spectrometer and GC for malfunctions; mandatory reanalysis of samples analyzed while system was malfunctioning in accordance with DoD QSM requirements.	Lab Manager / Analyst	Precisions and accuracy/bias	Meets all EPA Method requirements.
Method blank	One per analytical batch.	No target analytes ≥ one-half LOQ and > one-tenth the amount measured in any sample (whichever is greater). For common laboratory contaminants, no analytes detected > LOQ in accordance with DoD QSM requirements	Correct problem. If required, reprep and reanalyze method blank and all QC samples and field samples processed with the contaminated blank.	Lab Manager / Analyst	Contamination	No target analytes ≥ one-half LOQ.
LCS	One LCS per analytical/preparation batch.	Must contain all analytes to be reported. QC acceptance criteria specified by QSM, if available. Otherwise, use in-house control limits.	Correct problem, then reanalyze the LCS and all associated batch samples in accordance with DoD QSM requirements.	Lab Manager / Analyst	Precision and accuracy/bias	QSM or laboratory statistically derived control limits.
MS/MSD	One MS/MSD per analytical/preparation batch.	Must contain all analytes to be reported and must use DoD QSM LCS control limits.	Identify problem; if not related to matrix interference, reanalyze MS/MSD and all associated batch samples in accordance with DoD QSM requirements.	Lab Manager / Analyst	Precision and accuracy/bias	QSM or laboratory statistically derived control limits.
Surrogate standards	All field and QC samples.	QC acceptance criteria specified by DoD, if available. Otherwise, use in-house control limits.	Correct problem, then re-prep and reanalyze all affected samples in accordance with DoD QSM requirements. If obvious chromatographic interference is present, reanalysis may not be necessary, but the client must be notified prior to reporting data and the failures must be discussed in the case narrative.	Lab Manager / Analyst	Accuracy/bias	QSM or laboratory statistically derived control limits.

Table 28-8. Laboratory QC Samples – Semivolatiles in Water and Soil
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Sample	Frequency / Number	Method / SOP QC Acceptance Limits	**Corrective Action**	Person(s) Responsible for **Corrective Action**	Data Quality Indicator	Measurement Performance Criteria
Analytical Method / SOP Reference: EPA Method 8270C/D/E; DV-MS-0002 and DV-MS-0012						
IS	During acquisition of calibration standard, samples, and QC check samples.	RT within ±10 seconds from RT of the midpoint standard in the ICAL; IS area within -50% to +100% of ICAL midpoint standard.	Inspect mass spectrometer and GC for malfunctions; mandatory reanalysis of samples analyzed while system was malfunctioning in accordance with DoD QSM requirements. If field samples still outside criteria, qualify data, and explain in the case narrative.	Lab Manager / Analyst	Precisions and accuracy/bias	Meets all EPA method requirements.
Method blank	One per batch.	No target analytes ≥ one-half LOQ or > one-tenth the amount measured in any sample (whichever is greater). For common laboratory contaminants, no analytes detected > LOQ in accordance with QSM requirements.	Correct problem. If required, reprep and reanalyze method blank and all QC samples and field samples processed with the contaminated blank.	Lab Manager / Analyst	Contamination	No target analytes ≥ one-half LOQ.
LCS	One LCS per batch.	QSM limits (if available) or current in-house limits if no QSM limits published.	Correct problem, then reprep and reanalyze the LCS and all samples in the associated preparatory batch for failed analytes if sufficient sample material is available.	Lab Manager / Analyst	Precisions and accuracy/bias	QSM or laboratory statistically derived control limits.
MS/MSD	One MS/MSD per batch.	Recovery: QSM limits (if available) or current in-house limits if no QSM limits published. RPD: RPD of all analytes ≤ 30% (between MS and MSD).	If not related to matrix interference, re-extract and reanalyze MS/MSD. Examine the project-specific requirements. Contact the client as to additional measures to be taken.	Lab Manager / Analyst	Precision and accuracy/bias	QSM or laboratory statistically derived control limits.
Surrogate standards	All field and QC samples.	QSM limits (if available) or current in-house limits if no QSM limits published.	Correct problem, then reprep and reanalyze all failed samples for all surrogates in the associated preparatory batch if sufficient sample material is available. If obvious chromatographic interference is present, reanalysis may not be necessary, but the client must be notified prior to reporting data and the failures must be discussed in the case narrative.	Lab Manager / Analyst	Precisions and accuracy/bias	QSM or laboratory statistically derived control limits.

Table 28-9. Laboratory QC Samples – Herbicides in Water and Soil
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Sample	Frequency / Number	Method / SOP QC Acceptance Limits	**Corrective Action**	Person(s) Responsible **for Corrective Action**	Data Quality Indicator	Measurement Performance Criteria
Analytical Method / SOP Reference: EPA Method 8321B Herbicides; DV-LC-0014						
IS	During acquisition of calibration standard, samples, and QC check samples.	RT within ±10 seconds from RT of the midpoint standard in the ICAL; IS area within -50% to +100% of ICAL midpoint standard.	Inspect mass spectrometer and GC for malfunctions; mandatory reanalysis of samples analyzed while system was malfunctioning in accordance with DoD QSM requirements. If field samples still outside criteria, qualify data, and explain in the case narrative.	Lab Manager / Analyst	Precisions and accuracy/bias	Meets all EPA method requirements.
Method blank	One per preparatory batch (20 samples)	No target compounds > one-half RL or > one-tenth the amount in any sample (whichever is greater).	Correct problem. If required, reprep and reanalyze method blank and all QC samples and field samples processed with the contaminated blank. Verify instrument clean (evaluate calibration blank and samples prior to method blank), then reanalyze. If reanalysis cannot be performed, data must be qualified and explained in the case narrative.	Lab Manager / Analyst	Contamination	No target compounds > one-half RL.
LCS	One per preparatory batch (20 samples)	QSM limits (if available) or current in-house limits if no QSM limits published.	Correct any problems then re-prep and reanalyze the LCS and all associated samples for failed analytes. If insufficient sample, then apply Q-flag to specific analyte(s) in all samples in the associated prep batch and explain in the case narrative.	Lab Manager / Analyst	Accuracy/bias	QSM or laboratory % recovery control limits.
MS/MSD	One per preparatory batch (20 samples)	QSM limits (if available) or current in-house limits if no QSM limits published. RPD: ≤ 30% For sample/MD: % recovery and RPD criteria only apply to analytes whose concentration in the sample is greater than or equal to the RL.	Identify the problem. If not related to matrix interference, re-extract and reanalyze MS/MSD. Examine the project-specific requirements. Contact the client as to additional measures to be taken.	Lab Manager / Analyst	Accuracy/bias/ precision	QSM or laboratory % recovery control limits.
Surrogates	Every field sample and QC samples	QSM limits (if available) or current in-house limits if no QSM limits published.	Correct problem, then reprep and reanalyze all failed samples for all surrogates in the associated preparatory batch if sufficient sample material is available. If obvious chromatographic interference is present, notify client and report with case narrative comment if approved. Evaluate data, if samples nondetect and surrogate recovery is above upper limits, report with case narrative comment with client approval. Otherwise, re-extract and reanalyze, if sufficient sample material available.	Lab Manager / Analyst	Accuracy/bias	QSM or laboratory % recovery control limits.

Table 28-10. Laboratory QC Samples – Butyltins in Water and Soil
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Sample	Frequency / Number	Method / SOP QC Acceptance Limits	**Corrective Action**	Person(s) Responsible **for Corrective Action**	Data Quality Indicator	Measurement Performance Criteria
Analytical Method / SOP Reference: EPA Method 8323M Butyltins;BR-MS-012						
Surrogate Spike	Per sample (including MS/MSD, LCS, and Blanks)	Soil: 30 to 120 Water: 15 to 150	Evaluate data and determine if a matrix effect or analytical error is indicated. If analytical error, reanalyze and/or re-extract. If matrix effect, review project DQOs to determine if a matrix effect must be confirmed by re-analysis. Flag all reported values outside of control limits.	Eurofins Burlington Analyst	Accuracy	Per Laboratory SOP
Method blanks	1 per prep batch of up to 20 samples	No analytes detected > defined limit or > one-tenth the amount measured in any sample	Take appropriate corrective action, which may include re-analysis of MB, re-extraction of batch, and/or Non-conformance Memo (NCM). Corrective action must be documented in NCM. If samples are non detect or if detects are ten times the MB level re-prep and reanalysis may not be required.	Eurofins Burlington Analyst	Accuracy/Laboratory Contamination	Per Laboratory SOP
MS/MSD	1 per prep batch of up to 20 samples	Individual Laboratory Statistical Limits. 30% RPD. See SOP	Evaluate data and determine if a matrix effect or analytical error is indicated. If analytical error, re-analyze and/or re-extract.	Eurofins Burlington Analyst	Accuracy/Bias/Precision	Per Laboratory SOP
Duplicates	1 per prep batch of up to 20 samples	30% RPD	Evaluate data and determine if a matrix effect or analytical error is indicated. If analytical error, re-analyze and/or re-extract.	Eurofins Burlington Analyst	Precision	Per Laboratory SOP
LCS	1 per prep batch of up to 20 samples	Individual Laboratory Statistical Limits. See SOP	Reanalyze LCS, re-prep and reanalyze LCS and all associated samples if sufficient sample volume is available. If corrective action not successful, initiate nonconformance report and qualify sample results.	Eurofins Burlington Analyst	Accuracy/Bias/Precision	Per Laboratory SOP
LCSD	1 per prep batch of up to 20 samples, only if no MS/MSD or Duplicate in batch	30% RPD	Reanalyze LCS, re-prep and reanalyze LCS and all associated samples if sufficient sample volume is available. If corrective action not successful, initiate nonconformance report and qualify sample results.	Eurofins Burlington Analyst	Accuracy/Bias/Precision	Per Laboratory SOP

Table 28-11. Laboratory QC Samples – Extractable Hydrocarbons in Water and Soil

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Sample	Frequency / Number	Method / SOP QC Acceptance Limits	**Corrective Action**	Person(s) Responsible for **Corrective Action**	Data Quality Indicator	Measurement Performance Criteria
Analytical Method / SOP Reference: EPA Method 8015D DRO/ORO; DV-GC-0027						
Method blank	One per preparation batch of 20 samples	No target analytes ≥ one-half RL and > one-tenth the amount measured in any sample or one-tenth the regulatory limit (whichever is greater). For common laboratory contaminants, no analytes detected >RL in accordance with DoD QSM requirements.	Correct problem. If required, reprep and reanalyze MB and all QC samples and field samples processed with the contaminated blank.	Lab Manager / Analyst	Contamination	No target analytes ≥ ½ RL in accordance with QSM requirements
Surrogate Standards	Each sample	QSM limits (if available) or current in-house limits if no QSM limits published.	Correct problem, then reprep and reanalyze all failed samples for all surrogates in the associated preparatory batch if sufficient sample material is available. If obvious chromatographic interference is present, reanalysis may not be necessary, but the client must be notified prior to reporting data, and the failures must be discussed in the Case Narrative.	Lab Manager / Analyst	Precisions and Accuracy/Bias	QSM or laboratory statistically derived control limits
LCS	One per preparation batch of 20 samples	QSM limits (if available) or current in-house limits if no QSM limits published.	Correct problem, then reprep and reanalyze the LCS and all samples in the associated preparatory batch for failed analytes if sufficient sample material is available.	Lab Manager / Analyst	Precisions and Accuracy/Bias	QSM or laboratory statistically derived control limits
MS/MSD for all analytes	One MS/MSD pair per preparation batch.	Recovery: QSM limits (if available) or current in-house limits if no QSM limits published. RPD: RPD of all analytes ≤ 30% (between MS and MSD).	If not related to matrix interference, re-extract and reanalyze MS/MSD, if sufficient sample material available.	Lab Manager / Analyst	Precision and Accuracy/Bias	QSM or laboratory statistically derived control limits

Table 28-12. Laboratory QC Samples – Purgeable Hydrocarbons in Water and Soil

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Sample	Frequency / Number	Method / SOP QC Acceptance Limits	**Corrective Action**	Person(s) Responsible **for Corrective Action**	Data Quality Indicator	Measurement Performance Criteria
Analytical Method / SOP Reference: EPA Method 8015D GRO; DV-GC-0010						
Method blank	One per preparation batch of 20 samples	No target analytes ≥ one-half RL and > one-tenth the amount measured in any sample or one-tenth the regulatory limit (whichever is greater). For common laboratory contaminants, no analytes detected >RL in accordance with DoD QSM requirements.	Correct problem. If required, reprep and reanalyze MB and all QC samples and field samples processed with the contaminated blank.	Lab Manager / Analyst	Contamination	No target analytes ≥ ½ RL in accordance with QSM requirements
Surrogate Standards	Each sample	QSM limits (if available) or current in-house limits if no QSM limits published.	Correct problem, then reprep and reanalyze all failed samples for all surrogates in the associated preparatory batch if sufficient sample material is available. If obvious chromatographic interference is present, reanalysis may not be necessary, but the client must be notified prior to reporting data, and the failures must be discussed in the Case Narrative.	Lab Manager / Analyst	Precisions and Accuracy/Bias	QSM or laboratory statistically derived control limits
LCS	One per preparation batch of 20 samples	QSM limits (if available) or current in-house limits if no QSM limits published.	Correct problem, then reprep and reanalyze the LCS and all samples in the associated preparatory batch for failed analytes if sufficient sample material is available.	Lab Manager / Analyst	Precisions and Accuracy/Bias	QSM or laboratory statistically derived control limits
MS/MSD for all analytes	One MS/MSD pair per preparation batch.	Recovery: QSM limits (if available) or current in-house limits if no QSM limits published. RPD: RPD of all analytes ≤ 30% (between MS and MSD).	If not related to matrix interference, re-extract and reanalyze MS/MSD, if sufficient sample material available.	Lab Manager / Analyst	Precision and Accuracy/Bias	QSM or laboratory statistically derived control limits

WORKSHEET #29

Project Documents and Records

The required data package deliverables during every aspect of the project are identified in Tables 29-1 through 29-3 and summarized below. The tables include but are not limited to (1) sample collection and field measurement records, (2) analytical records, and (3) data assessment records. Field and laboratory data will be managed in accordance with the project Data Management Plan (in progress).

- **Sample Collection and Field Measurement Records:** Sample collection and field measurement records generally include field logbooks, photo documentation, equipment decontamination records, sampling instrument calibration records, soil boring logs, well construction and development logs, soil and or groundwater or seep sampling logs, CoC forms, and air bills.
- **Analytical Data Deliverables:** PDF versions of laboratory analytical data reports will be provided as part of the laboratory data deliverable. Supporting raw data information is also required and will be included in the PDF submission.

  An electronic data deliverable (EDD) from the laboratory will also be required.
- Data Assessment Records: Data assessment records include but are not limited to data validation reports and data usability assessment reports. The validated data will be uploaded to the project database.

Table 29-1. Sample Collection and Field Records
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Record	Generation	Verification	Storage Location/Archival
Field logbook, field forms, or data collection sheets	Field Sampler(s)	Field Team Leader or PM designee	Hard copies: Jacobs project office Electronic copies: Jacobs Project server
CoC forms	Field Sampler(s)	Field Team Leader or PM designee	Hard copies: Jacobs project office Electronic copies: Jacobs Project server
Air bills	Field Sampler(s)	Field Team Leader or PM designee	Electronic copies: Jacobs Project server
Contractor daily QC reports	Field Team Leader	Field Team Leader or PM designee	Hard copies: Jacobs project office Electronic copies: Jacobs Project server
Deviations	Field Sampler(s)	PM designee	Jacobs Project server
Corrective action reports	PM designee	PM designee	Jacobs Project server
Correspondence	PM designee	PM designee	Jacobs Project server

Table 29-2. Laboratory Records
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Record	Generation	Verification	Storage Location/Archival
Electronic analytical data deliverables	Laboratory	Project Chemist	Jacobs project server

Table 29-3. Project Assessments

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Record	Generation	Verification	Storage Location/Archival
Field audit checklists	H&S Manager	H&S Manager	Jacobs project server
Site-specific final reports	PM or PM designee	PM or PM designee	Jacobs project server
Data validation report	Project Chemist	Program Chemist	Jacobs project server
Data usability assessment report	Project Chemist	Program Chemist	Jacobs project server

WORKSHEETS #31, #32, AND #33

Assessments and Corrective Actions

Periodic assessments will be performed during the course of the project so that the planned project activities are implemented in accordance with this document. The type, frequency, and responsible parties of planned assessment activities to be performed for the project, as well as any corrective action measures, are summarized in Table 31-1.

Table 31-1. Assessments and Corrective Actions
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Assessment Type	Responsible Party and Organization	Number/ Frequency	Timeframe of Notification	Assessment Deliverable	Timeframe for Response	Responsible Party for Implementing Corrective Action
Quality audit – field procedure assessment and Work Plan compliance	Program QA/QC Manager or designated qualified personnel	As needed	1 business day	Internal memo	1 business day, delivered to Site PMs	PM or PM designee
Field documentation reviews	Field Team Leader	Daily	3 to 5 business days	Field document packages/ corrective action memo (as needed)	3 to 5 business days, delivered to Site PMs	PM or PM designee
H&S audit	Program H&S Manager or designated qualified personnel	Once annually during field sampling activities	1 to 5 business days	Informal email with initial observations/findings (within 1 day of completion of audit). Formal written audit report (3 to 5 business days)	Immediately to 14 business days depending on severity of hazard/issue found during audit, delivered to PM	PM or PM designee
Onsite and offsite analytical technical systems audits (e.g., laboratories)	Program Chemist or designated qualified personnel	May be performed if quality concerns arise	TBD	Internal memo	TBD, delivered to laboratory QA Manager	Laboratory QA Manager
Data validation findings	Program Chemist or designated qualified personnel	After receiving data from laboratory and during data validation	7 business days	Internal and external corrective action reports, updated case narratives, and corrected data submissions	7 business days, delivered to laboratory PMs	Laboratory PMs
Internal and external project reporting reviews	Site PMs	After receiving comments	7 to 10 business days	Internal and external responses to comments and report revision	7 to 10 business days, delivered to PM	PM or PM designee
Data usability assessment report	Program Chemist or designated qualified personnel	Once after all data are generated and validated	30 days after completion of validation	Recipients listed in the distribution memo (Worksheet #3)	Once after all data are generated and validated, delivered to PMs	PM or PM designee
MSR	PM or PM designee	Monthly	N/A	MSR	N/A	N/A

Notes:

MSR = monthly status report
TBD = to be determined

WORKSHEET #34

Data Verification and Validation Inputs

To confirm that scientifically sound data of known and documented quality are used in making project decisions. This worksheet establishes the procedures that will be followed to verify and validate project data including, but are not limited to, sampling documents and analytical data packages. Overall, all project field and laboratory data will be managed in accordance with the project Data Management Plan (in progress).

Item	**Description**	**Verification** (completeness)	**Validation** (conformance to **specifications)**
Planning Documents/Records			
1	Approved Work Plan with UFP-QAPP Worksheets	X	-
2	Contract	X	-
3	Field SOPs	X	-
4	Analytical SOPs	X	-
Field Records			
5	Field logbooks	X	X
6	Equipment calibration records	X	X
7	Chain-of-custody forms	X	X
8	Sampling diagrams/surveys	X	X
9	Drilling logs	X	X
10	Geophysics reports	X	X
11	Relevant correspondence	X	X
12	Change orders/deviations	X	X
13	Field audit reports	X	X
14	Field corrective action reports	X	X
Analytical Data Package			
15	Cover sheet (laboratory identifying information)	X	X
16	Case narrative	X	X
17	Internal laboratory chain-of-custody	X	X
18	Sample receipt records	X	X
19	Sample chronology (dates and times of receipt, preparation, and analysis)	X	X
20	Communication records	X	X
21	DL/LOD/LOQ establishment and verification	X	X
22	Instrument calibration records	X	X
23	Definition of laboratory qualifiers	X	X
24	Results reporting forms	X	X
25	QC sample results	X	X
26	Corrective action reports	X	X
27	EDD	X	X

WORKSHEET #35

Data Verification Procedures

Data verification is a completeness check to confirm that all required activities were conducted, all specified records are present, and the contents of the records are complete. Data verification applies to both field and laboratory records. Data verification procedures are presented in Table 35-1.

Table 35-1. Data Verification Procedures
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Records Reviewed	**Description**	Person(s) Responsible for **Verification**
Field SOPs	Verify that the sampling SOPs were followed.	Daily, or as required: Field Team Leader / Site Contractor
Analytical SOPs	Verify that the analytical SOPs were followed.	Daily, or as required: Laboratory QA Officer During data validation: Designated chemist
Method QC results	Verify that the required QC samples were run and met required limits.	Daily, or as required: Laboratory QA Officer During data validation: Designated chemist
Onsite screening (e.g., PID readings)	Verify that the field data meet UFP-QAPP requirements for completeness and accuracy based on field calibration records.	Daily, or as required: Field Team Leader / Site Contractor
Field documentation	Verify accuracy and completeness of field notes, logs, and CoCs.	Daily, or as required: Field Team Leader / Site Contractor
Field QC sample results	Verify that the required field QC samples were run and met required limits.	Daily, or as required: Laboratory QA Officer During data validation: Designated chemist
Quantification limits	Verify that the sample results met the project quantification limit specified in the UFP-QAPP.	During data validation: Designated chemist
H&S audit	Verify that all planned audits were conducted and examine audit reports. For any deficiencies noted, verify that corrective action was implemented according to plan.	PM or PM designee / Site Contractor
Onsite or offsite analytical technical systems audits (e.g., laboratories)	If audit conducted, examine audit report. For any deficiencies noted, verify that corrective action was implemented according to plan.	Designated chemist

WORKSHEET #36

Data Validation Procedures

The objective of the data validation is to assess the performance of the analysis to determine the quality of the data. Data validation will be accomplished by evaluating whether the collected data comply with the pre-defined project requirements (including method, procedural, or contractual requirements) and by comparing the collected data with criteria established based on the project DQOs. Data validation will follow the DoD General Data Validation Guidelines and Modules, as well as guidance from EPA's *National Functional Guidelines for Organic Superfund Methods Data Review* (EPA 2020a), ~~and~~ EPA's *National Functional Guidelines for Inorganic Superfund Methods Data Review* (EPA 2020b) and EPA's *National Functional Guidelines for High Resolution Superfund Methods Data Review* (EPA 2020c).

All types of data, including definitive data, are relevant to the usability assessment. The following subsections focus on the data review requirements for definitive data only. Table 36-1 presents a data validation summary.

Table 36-1. Validation Summary
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Stage	Matrix	Analytical Group	Concentration Level	Validation Criteria	Data Validator
2B	Soil/Water	All methods except for geophysical and waste characterization analyses, which will not be validated	N/A	Defined in this worksheet and Table 36-4	Designated chemist
4	Soil/Water	All methods except for geophysical and waste characterization analyses, which will not be validated	N/A	Defined in this worksheet and Table 36-4	Designated chemist

Data Review Requirements for Definitive Data

Scientifically sound data of known and documented quality that meet the DQOs are essential to the decision-making process. Data will be examined and evaluated to varying levels of detail and specificity by a variety of personnel who have different responsibilities within the data management process. Data assessment includes verification, review, validation, evaluation, and usability assessment. The data review process will be documented to facilitate efficient and accurate assessment of data quality and usability. The overall usability of the data is indicated with appropriate qualifiers.

Laboratory Requirements

The analytical data package must contain adequate information and be presented in a clear and concise manner. The laboratory data package should be organized such that the analytical results are reported on a per analytical batch basis, unless otherwise specified. A reviewer should be able to determine the PARCCS of the data, based on the information contained in the data package. Additional information may be required, depending on the detail of data review performed.

A schedule should be established so that data packages (i.e., sample delivery groups) are provided in a timely manner to Jacobs for data review, validation, assessment, and use. This includes identifying the anticipated number of these data packages to be generated for the project.

Laboratory Data Reporting Requirements

The following requirements should be met for reporting:

- Samples will be analyzed undiluted if possible. Detects will be reported to the MDL/LOD (for HRMS methods). Nondetects will be reported to the LODs. LODs and LOQs for minority chemicals in highly contaminated samples may have to be adjusted because of dilutions.

Laboratory Data Review Requirements

The case narrative of the analytical data package will include, but not be limited to, the following:

- Table summarizing samples received, and correlating field sample numbers, laboratory sample numbers, and laboratory tests completed
- Discussion of sample appearance and integrity issues that may affect data usability (such as temperature, preservation, pH, sample containers, air bubbles, and multi-phases)
- Samples received but not analyzed and the explanations for non-analysis
- Discussion of holding-time deviations for sample preparation and analyses
- Analysis of all exceedances or discrepancies of calibrations, continuing calibrations, or QC sample results; raw data/chromatograms; and corrective actions taken
- Identification of samples and analytes for which manual integration was necessary
- Discussion of all qualified data and definition of qualifying flags
- Discussion and recommendations of potential data usability of qualified data

In addition, the following requirements should be met for the reporting:

- LODs and sample results should be reported to one decimal place more than the corresponding LOQ, unless the appropriate number of significant figures for the measurement dictates otherwise.
- Results for soil samples should be reported on a dry-weight basis. LOQs are project-specific requirements and are NOT adjusted for sample moisture. LODs may have to be adjusted for moisture; however, the laboratory should ensure that the minimum relationships between adjusted LODs and corresponding LOQs are maintained.
- Samples should be analyzed undiluted, if possible. Detects should be reported to the MDL/LOD (for HRMS methods). Nondetects should be reported to the LOD.

Manual Integrations

Manual integrations, which are an integral part of the chromatographic analysis process, will be done only as corrective action measures. Examples of instances where manual integration would be warranted include, but are not limited to, co-eluting compounds resulting in poor-peak resolution, a misidentified peak, an incorrect RT, or a problematic baseline.

When manual integrations are used, the following procedures will be implemented for documenting the event and for consistency in performing the manual integration:

- A laboratory SOP will be followed for manual integrations. This SOP will specify (1) when automated integrations by the instrument are likely to be unreliable, (2) what constitutes an unacceptable automated integration, (3) how the problems should be resolved by the analyst, and (4) the procedures for the analyst to follow in documenting any required manual integrations.

- Raw data records will include a complete audit trail for those manipulations, including (1) results of both the automated and manual integrations, (2) notation of the cause and justification for performing the manual integrations, (3) date, and (4) signature or initials of person performing the manual operations.
- All manual integrations must be reviewed and approved by the section supervisor and/or the QA officer.
- All manual integrations must be identified in the case narrative.

All definitive data will be reviewed first by the laboratory analyst and then by the laboratory supervisor of the respective analytical section using the same criteria before they are submitted to Jacobs. This internal data review process, which is multi-tiered, should include all aspects of data generation, reduction, and QC assessment. Elements for review or verification at each level must include, but are not limited to, the following:

- Sample receipt procedures and conditions
- Sample preparation
- Appropriate laboratory SOPs and methodologies
- Accuracy and completeness of analytical results
- Correct interpretation of all raw data, including all manual integrations
- Appropriate application of QC samples and compliance with established control limits
- Verification of data transfers
- Documentation completeness
- Accuracy and completeness of data deliverables (hard copy and electronic)

Laboratory Data Evaluation

The calibration, QC, corrective actions, and flagging requirements for definitive data are provided in Worksheet #28 (Analytical Quality Control and Corrective Action). Data qualifiers should be applied by the laboratory as part of their internal validation activities. The allowable data qualifiers for definitive data are Q, M, E, J, B, and U. The definitions of the data qualifiers are provided in Table 36-2. Flagging criteria apply when acceptance criteria are not met and corrective actions were not successful or not performed. The data qualifiers must be reviewed by the supervisor of the respective analytical sections.

Table 36-2. Laboratory Data Qualifiers

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Qualifier	Description
Q	One or more QC criteria failed. Data must be carefully assessed by Jacobs (or project team) with respect to the project-specific requirements and evaluated for usability. Subsequent assessment by USACE may result in rejection of data.
M	Manual integration.
J	The analyte was positively identified; the quantitation is an estimation because of discrepancies in meeting certain analyte-specific QC criteria.
B	The analyte was found in an associated blank above one-half the LOQ, as well as in the sample.
U	The analyte was analyzed for but not detected.
E	Exceeds calibration range of the instrument.

The laboratory QA section should perform a 100 percent review of 10 percent of the completed data packages. The laboratory project representative should complete a final review on all the completed data packages.

Jacobs Project Chemist or designee will subsequently evaluate the flags applied by the laboratory as part of their data review and usability assessment activities. The flags may be accepted, modified, or rejected. For all data qualifiers that are changed, clear justification will be provided. All Q-flagged data will be evaluated and either accepted without qualification, accepted with qualification, or rejected.

Jacobs Requirements

Jacobs has overall responsibility for data quality. Regardless of who performs the data review, the individuals should possess the disciplinary expertise, experience, and theoretical knowledge to perform the task, and a complete understanding of the intended use of the data and the relationship of the QC results to the usability of the data.

Data Verification Guidelines

The Jacobs Project Chemist will review the data verification performed by the laboratory for completeness and accuracy. Data verification may be done electronically or manually, or by a combination of both. The verification process includes, but is not limited to, the following:

- Sampling documentation (such as the CoC form)
- Preservation summary and holding times
- Presence of all analyses and analytes requested
- Use of required sample preparation and analysis procedures
- LODs and LOQs
- Correctness of concentration units
- Case narrative

Data Validation Guidelines

Data validation extends data verification and is used to confirm that the requirements for a specific intended use are fulfilled. Data validation is the systematic process of evaluating the compliance of the data with the pre-defined requirements of the project (including method, procedural, or contractual requirements) and compliance of the data with criteria based on the quality objectives documented in this document. The purpose of data validation is to assess the performance associated with the analysis to determine the quality of the data. Data validation includes a determination of the reasons for any failure of the data to meet performance requirements, and an evaluation of the impact of such failures on the usability of the data. The Project Chemist may add or delete data qualifier flags during validation.

Validation will be 90 percent Stage 2B and 10 percent Stage 4, which will be randomly chosen.
The following information will be reviewed as part of the Stage 2B data validation:

- Sample condition on arrival to lab
- Sample preservation
- Appropriate field and trip blanks included
- CoC documentation
- Holding time
- Field QC sample frequencies
- Lab prep batch QC frequencies
- Lab instrument QC frequencies
- Method blanks
- LCS

- MS/MSD
- FD precision
- Laboratory duplicates
- Serial dilutions
- Post-digestion spikes
- Internal standards
- Case narrative review and other method-specific criteria
- Instrument tuning
- Breakdown standard check results
- Instrument initial summaries (including response factors and any regression summaries)
- Initial calibration verification and continuing calibration verification summaries
- Internal standards
- Initial and continuing calibration blank summaries
- Confirmation of positive results for second column or detector, including percent difference

Raw Data Review

Stage 4 also includes analysis and interpretation of the data in the context of the project objectives and end-use as part of the usability assessment. The review includes all items in Stage 2B validation and the items below, but is not limited to them:

- Raw data review, including chromatogram peaks (integration, baseline, and interferences)
- System performance
- Spectral matches (S/N, qualitative ion mass presence, and ion abundances) and/or RTs to verify analyte identification (where applicable)
- Qualitative review of nondetected and detected from instrument outputs.
- Re-quantification and recalculation from the instrument response of selected samples and instrument QC Interference problems or system performance problems
- Estimated results (such as J-qualifiers)
- Resolution by the laboratory of any identified problems, as necessary

Data Assessment and Interpretation

This phase of the data validation process (assessment) may include, but is not limited to, the review of the following:

- Q-flagged data and final determination of usability
- B-flagged data and final determination of usability
- Laboratory and field blank contamination and parallel contamination in samples
- Duplicate and replicate sample analyses
- M-flagged data
- Potential LCS failure where marginal exceedances criteria may apply
- Impact of multiple data issues on the final analytical results
- Deficiencies identified during data verification and assessment of their impact on the sample results
- Incorporation of site-specific factors and assessment of their impact on the data
- Assessment of data usability and assignment of final data qualifiers listed in Table 36-3, as necessary
- Discussion of completeness, representativeness, and comparability

Data flags, as well as the reason for each flag, will be entered into an electronic database and made available to the data users. A final flag is applied to the data by the data validator/chemist after evaluating all flags entered into the database and selecting the most conservative flags.

Calibration, IS, and tuning criteria will be reviewed manually in the laboratory data packages. The process will include data flagging for issues related to method blanks, equipment blanks, LCSs, MS/MSD samples, FDs, holding time, and reconciliation of dilutions and re-extractions. All of the elements of QC, their limits, and the logic for applying flags will be incorporated in the electronic database.

Method Blank Evaluation Guidance

For method blanks, the source of contamination should be investigated. If one-half the LOQ is exceeded, the laboratory should evaluate whether reprocessing of the samples is necessary using the following criteria: (1) the method blank contamination exceeds a concentration greater than one-tenth of the measured concentration of any sample in the associated preparation batch, or (2) there is evidence indicating that the blank contamination otherwise affects the sample results. Except when the sample analysis results in a nondetect, all samples associated with method blank contamination and meeting these criteria must be reprocessed in a subsequent preparation batch. If no sample volume remains for reprocessing, the results will be reported with a B-flag, along with any other appropriate data qualifier. If an analyte is found only in the method blank, but not in any batch samples, no flagging is necessary. Method blank contamination must be addressed in the case narrative.

The Jacobs Project Chemist will evaluate laboratory B-qualified data, such as method blanks, and other field blanks based on the concentration of the analyte in the samples in relation to the concentration in the blank. The B-flag may be removed and not used if the analyte concentrations in the samples are much higher (≥ 5 times) than in the blank (≥ 10 times in case of common laboratory contaminants). Any blank contamination that may affect data usability must be discussed in conjunction with project-specific goals. If a data set contains low-level detects in field samples and has associated field or laboratory blanks with detects at similar concentrations, then the low-level detects in these field samples may be artifacts because of field or laboratory practices. A sample detect that is ≤ 5 times the blank contamination (≤ 10 times for common laboratory contaminants) may be considered a nondetect and flagged “U” at the detected concentration.

Duplicate Evaluation Guidance

QC measures for precision include FDs, laboratory duplicates, and MSDs. These measures will be evaluated by the laboratory and qualified according to applicable procedures, with the exception of the FDs.

Specifically, FDs should be sent to the laboratory and should be given unique sample identification numbers. These sample results can be used to assess field sampling precision, laboratory precision, and, potentially, the representativeness of the matrix sampled. Flagging of results associated with FDs should be assigned such that the level of uncertainty required, as provided by the project-specific objectives, is taken into account (Table 36-4).

Poor overall precision may be the result of one or more of the following: field instrument variation, analytical measurement variation, poor sampling technique, sample transport problems, or matrix variation (heterogeneous sample matrices). To identify the cause of imprecision, the project team should evaluate the field sampling design rationale and sampling techniques, and review both field and analytical duplicate sample results. If imprecision is indicated in both the field and analytical duplicates, then the laboratory may be the source of error. If poor precision is limited to the FD results, then the sampling technique, field instrument variation, sample transport, and/or matrix variability may be the source of error. If data validation reports indicate that analytical imprecision exists for a particular data set or sample delivery group, then the impact of that imprecision on usability as well as any evaluation findings and/or corrective actions will be discussed in the data validation report.

Flagging Conventions

The allowable final data qualifiers for definitive data and the hierarchy of data qualifiers, listed in order of the most severe through the least severe, are X, J+, J-, J, N, NJ, UJ, and U. Their definitions are summarized in Table 36-3.

Table 36-4 presents the specific guidelines for applying these data usability qualifiers. Table 36-5 presents the final data reporting flag conventions to be used in compliance with the DoD General Validation Guidelines, November 2019.

Table 36-3. Usability Assessment Data Qualifiers
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Qualifier	Description
X	The sample results (including nondetects) were affected by serious deficiencies in the ability to analyze the sample and to meet published method and project QC criteria. The presence or absence of the analyte cannot be substantiated by the data provided. Acceptance or rejection of the data should be decided by the project team (which should include a project chemist), but exclusion of the data is recommended.
J	The reported result was an estimated value with an unknown bias.
J+	The result was an estimated quantity, but the result may be biased high.
J-	The result was an estimated quantity, but the result may be biased low.
N	The analysis indicates the presence of an analyte for which there was presumptive evidence to make a "tentative identification."
NJ	The analyte has been “tentatively identified” or “presumptively” as present, and the associated numerical value was the estimated concentration in the sample.
UJ	The analyte was not detected and was reported as less than the LOD or as defined by the customer. However, the associated numerical value is approximate.
U	The analyte was not detected and was reported as less than the LOD or as defined by the customer. The LOD has been adjusted for any dilution or concentration of the sample.

Table 36-4. General Data Qualifying Conventions
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Requirement	Criteria	Flag	Flag Applied to
Holding time	Time exceeded for extraction or analysis by a factor of two or more.	J for the positive results; X, or UJ for nondetects based on professional judgment*	All analytes in the sample
Sample preservation	Sample not preserved (if sample preservation was not done in the field but was performed at the laboratory upon sample receipt, no flagging is required, metals only).	J positive results: X, or UJ for nondetects based on professional judgment*	Sample
	Temperature out of control.	J for positive results; UJ for nondetects*; or X based on professional judgment	Sample
ICAL	All analytes must be within method-specified criteria.	J for positive results; UJ for nondetects; or X based on professional judgment	All associated samples in analytical batch
Second source check or continuing calibration	All analytes must be within method-specified criteria.	High Bias: J+ for the positive results; no flag for nondetects Low Bias: J- for the positive results; UJ for the nondetects J for the positive results; or X for all nondetects greater than twice the control criteria based on professional judgment	All associated samples in analytical batch
Low-level calibration check or interference check sample	All analytes must be within 20 percent of expected value.	High Bias: J+ for the positive results; no flag for the nondetects Low Bias: J- for the positive results; UJ for the nondetects or X for all nondetects greater than twice the control criteria based on professional judgment	All associated samples in analytical batch
LCS	%R greater than UCL. %R less than LCL and greater than 10 percent. %R less than LCL and less than 10 percent.	J+ for the positive results J- for the positive results; UJ for the nondetects J for the positive results; or X for the nondetects based on professional judgment	The specific analytes in all samples in the associated analytical batch

Table 36-4. General Data Qualifying Conventions
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

QC Requirement	Criteria	Flag	Flag Applied to
IS	Area greater than UCL.	J for the positive results	Sample
	Area less than LCL.	J for the positive results; UJ for the nondetects	
	Sample is re-extracted and reanalyzed, and recovery outside of criteria is confirmed as a matrix effect.	If area is low based on professional judgment, UJ, or X for the nondetects based on professional judgment	
Blanks (method, equipment, ambient, or trip)	Analytes detected greater than one-half LOQ (use the blank of the highest concentration).	U for positive sample results ≤ 5 × highest blank concentration (10 × for common laboratory contaminants)	All samples in preparation, field, or analytical batch, whichever applies
FDs or laboratory duplicates	Both sample results greater than 5 × LOQ and RPD greater than UCL	J for the positive results	The specific analytes in all samples collected on the same sampling date
	or		
	One or both samples less than 5 × LOQ and a difference between results of ±2 times LOQ ~~for water~~.	J for the positive results; UJ for the nondetects	Note: No flagging is required for RPDs based on J-flagged results
MS/MSD	%R greater than UCL.	J+ for the positive results	The specific analytes in the parent sample
	%R less than LCL and >10 percent.	J- for the positive results; UJ for the nondetects	
	%R less than 10 percent	J- for the positive results; UJ or X for the nondetects based on professional judgment	
	or		
	MS/MSD RPD greater than the control limit.	J for the positive results	
	Sample concentration greater than 4 × spike concentration; excessive dilution.*	No flag required	

* Based on analyte-specific review

Notes:

LCL = lower confidence limit
UCL = upper confidence limit

Table 36-5. Data Qualifying Conventions – Quantitation
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Criteria	Flag
< LOD	U, UJ at the LOD
≥ LOD < LOQ	J
≥ LOQ	As needed
≥ High standard/linear range	J

Examples:

LOD = 4, LOQ = 15, sample is undiluted
Example 1: Analytical result: not detected; reported result: 4U
Example 2: Analytical result: 10; reported result: 10J
Example 3: Analytical result: 15; reported result: 15

WORKSHEET #37

Data Usability Assessment

The data usability assessment is an evaluation based on the results of data verification and validation in the context of the overall project decisions or objectives. The assessment determines whether the project execution and resulting data meet the project DQOs. The sampling and analytical activities must be considered, with the goal of assessing whether the final, qualified results support the decisions to be made with the data.

The following sections summarize (1) the processes used to determine whether the collected data are of the right type, quality, and quantity to support project decision making; (2) how data quality issues will be addressed; and (3) how limitations of the use of the data will be handled.

Summary of Usability Assessment Processes

Data gaps may be present if (1) a sample is not collected, (2) a sample is not analyzed for the requested parameters, or (3) the data are determined to be unusable. The need for further investigation will be determined on a case-by-case basis. This determination will depend on whether data can be extrapolated from adjacent sample locations and whether the data are needed based on the results from adjacent sample locations.

The validation contractor or designated chemist and the laboratory will ensure that the collected data meet the LODs, LOQs, and laboratory QC limits specified in this UFP-QAPP. During the data validation assessment, nonconformances will be documented, and data will be qualified accordingly. The validation contractor or designated chemist will determine whether the data are usable, based on the requirements of this UFP-QAPP.

Except for rejected data, all data are usable as qualified by the designated chemist. Estimated and/or biased results are usable. Outliers, if present, can be addressed on a case-by-case basis. There is no generic formula for determining whether a result is an outlier. Potential outliers will be referred to a statistician and/or senior consultant, who will determine which formulas are appropriate for classifying data points in a statistically appropriate and defensible manner. Data will not be eliminated from consideration on the basis of statistical outlier testing.

Personnel Responsible for Performing Usability Assessment

The designated chemist will be responsible for performing the usability assessment.

Usability Assessment Documentation

Precision

Laboratory precision is measured by the variability associated with duplicate (two) or replicate (more than two) analyses. One type of sample that can be used to assess laboratory precision is the LCS. Multiple LCS analyses over the duration of the project can be used to evaluate the overall laboratory precision for the project. In this case, the comparison is not between a sample and a duplicate sample analyzed in the same batch, but between LCSs analyzed in multiple batches.

Total precision is the measurement of the variability associated with the entire sampling and analytical process. The level of precision, which is determined by analysis of duplicate field samples, measures variability introduced by both laboratory and field operations. The required level of LCS and MS precision for each method, matrix, and analyte is provided in the QSM version being followed or Lab control

precision tables. The required level of precision for FDs is 30 percent for water samples and 50 percent for soil samples. FD samples and MSD samples will be analyzed to assess field and laboratory precision at a frequency described in Worksheet #20. For duplicate sample results, the precision is evaluated using the RPD. For replicate results, the precision is measured using the RSD. The formulas for calculating RPD and RSD are provided below.

If calculated from duplicate measurements:

$$RPD = \frac{(C_1 - C_2) \times 100\%}{(C_1 + C_2) / 2} \quad (1)$$

Where:

RPD	=	relative percent difference
C_1	=	larger of the two observed values
C_2	=	smaller of the two observed values

If calculated from three or more replicates, RSD is used, rather than RPD:

$$RSD = (s/\bar{y}) \times 100\% \quad (2)$$

Where:

RSD	=	relative standard deviation
s	=	standard deviation
$\bar{y}$	=	mean of replicate analyses

Standard deviation, s, is defined as follows:

$$S = \sqrt{\sum_{i=1}^{n} \frac{(yi - \bar{y})^2}{n - 1}} \quad (3)$$

Where:

S	=	standard deviation
yi	=	measured value of the ith replicate
$\bar{y}$	=	mean of replicate analyses
n	=	number of replicates

Accuracy

Accuracy reflects the total error associated with a measurement. A measurement is considered accurate when the reported value agrees with the true value or known concentration of the spike or standard within acceptable limits. Analytical accuracy is measured by comparing the %R of analytes spiked into an LCS with a control limit. For many methods of organic compound analysis, surrogate compound recoveries are also used to assess accuracy and method performance for each sample analyzed.

Both accuracy and precision are calculated for each analytical batch, and the associated sample results are interpreted by considering these specific measurements. The formula for calculation of accuracy is included below as %R from pure and sample matrixes. Accuracy requirements are listed for each method, matrix, and analyte in Worksheet #28.

For measurements where MSs are used:

$$\%R = 100\% \times \left[\frac{S - U}{C_{sa}} \right] \tag{4}$$

Where:

%R	=	percent recovery
S	=	measured concentration in spiked aliquot
U	=	measured concentration in unspiked aliquot
C_{sa}	=	actual concentration of spike added

For situations where a standard reference material (SRM) is used instead of, or in addition to, MSs:

$$\%R = 100\% \times \left[\frac{C_m}{C_{sm}} \right] \tag{5}$$

Where:

%R	=	percent recovery
C_m	=	measured concentration of SRM
C_{sm}	=	actual concentration of SRM

Representativeness

Representativeness is a qualitative term that refers to the degree that data accurately and precisely depict the characteristics of a population, whether referring to the distribution of a contaminant within a sample, a sample within a matrix, or a contaminant at a site. Representativeness is determined by appropriate program design, with consideration of elements such as proper well locations, drilling and installation procedures, operations process locations, and sampling locations. Objectives for representativeness, which are defined for each sampling and analysis task, are a function of the investigative objectives. Assessment of representativeness will be achieved through use of the standard field, sampling, and analytical procedures. Decisions regarding sample/well/boring locations, process, and numbers, as well as the statistical sampling design, are documented in Worksheets #10, #11, and #17.

Comparability

Comparability is a qualitative indicator of the confidence with which one data set can be compared with another data set. The objective for this QA/QC program is to produce data with the greatest possible degree of comparability. The number of matrixes that are sampled and the range of field conditions encountered are considered in determining comparability. Comparability is achieved by the following:

- Using standard methods for sampling and analysis
- Reporting data in standard units
- Normalizing results to standard conditions
- Using standard and comprehensive reporting formats

Complete field documentation using standardized data collection forms will support the assessment of comparability. Historical comparability will be achieved through consistent use of methods and documentation procedures throughout the project. Assessment of comparability is primarily subjective. Experienced environmental professionals with a clear knowledge of the DQOs and project decisions should interpret the results.

Completeness

Completeness is a measure of the amount of valid data obtained compared with the amount that was expected to be obtained under correct, normal conditions. Completeness is calculated for the aggregation of data for each analyte measured for any sampling event or other defined set of samples (e.g., by site) as set out in the DQOs. Valid data are data that are usable in the context of the project goals. Completeness is calculated and reported for each method, matrix, and analyte combination. The number of valid results divided by the number of possible individual analyte results, expressed as a percentage, determines the completeness of the data set. For completeness requirements, valid results are all results not qualified with an R-flag after a usability assessment has been performed. Completeness should not be determined only on the basis of laboratory data qualifiers. The goal for completeness is 90 percent for aqueous samples and 90 percent for soil samples.

Percent completeness is defined as follows for all measurements:

$$\%C = 100\% \ x \left[\frac{V}{T} \right] \tag{6}$$

Where:

%C	=	percent completeness
V	=	number of measurements judged valid
T	=	total number of measurements

Sensitivity

Sensitivity is related to the RL. In this context, sensitivity refers to the capability of a method or instrument to detect a given analyte at a given concentration and reliably quantitate the analyte at that concentration. The investigator should be concerned that the instrument or method can detect and provide an accurate analyte concentration that is not greater than an applicable standard and/or screening level. In general, RLs should be less than the applicable standard and/or screening level. Analytical results for samples that are nondetect for an analyte that has RLs greater than the applicable standards and/or screening levels cannot be used to demonstrate compliance with the applicable standards and/or screening levels.

The issue of analytical sensitivity may be one of the most difficult to address in data usability evaluations. Samples that are contaminated with a sufficient quantity of material, such that dilutions are performed, are a leading cause of RLs exceeding applicable criteria. However, there may be instances where such exceedances are insignificant relative to the site-specific DQOs. As an example, the project may be on-going and/or other compounds are “driving” the cleanup such that not meeting applicable criteria for all compounds at that particular juncture is not an issue.

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SECTION 6

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Appendix A
Screening Level Values

APPENDIX A

Screening Level Values

A.1 Selection of Screening Level Values

For soil and groundwater, screening level values (SLVs) were selected for human and ecological receptors based on a hierarchy of sources (Tables A-1 and A-2). The SLV sources were similar to those presented in Appendix J of the *Remedial Investigation Report: Upland and River Operable Units* (RI Report) (URS-USACE 2012) and Section 2 of the *Baseline Human Health and Ecological Risk Assessment, Upland Operable Unit* (URS-USACE 2016). However, the sources and hierarchies were modified to account for all potential receptors (i.e., both workers and hypothetical fishing platform users, and nursing infants) and some additional exposure scenarios (e.g., vapor intrusion); in addition, SLVs are updated to the most recent available values.

Site-specific reference concentrations were used in the final selection of SLVs for inorganic analytes in soil (Section A.4). The same reference soil concentrations (95% upper prediction limits [UPLs]) presented in Appendix I Table I-17 of the RI Report (URS-USACE 2012) were used in the final selection of SLVs.

The hierarchy of human health SLVs is presented in Section A.2, and the hierarchy of ecological SLVs is presented in Section A.3. Section A.4 presents the final SLVs for each medium and depth interval (soil). The final SLV is generally the more conservative of the human health and ecological SLVs (except for inorganics where the site reference concentration is selected if it is higher than the minimum human health or ecological SLV). The final SLVs will be used for identifying preliminary contaminants of potential concern (COPCs) for discussion of nature and extent of contamination. Section A.5 presents the references used for the SLVs.

A.2 Human Health Screening Level Value Hierarchy

The following sections summarize the human health SLV hierarchy used for soil and groundwater (Tables A-1 and A-2, respectively).

A.2.1 Soil

Except for total polychlorinated biphenyls (PCBs) (as Aroclors) and individual Aroclors, the human health SLVs were identified using the following ~~tiered~~ hierarchy:

- ~~Tier 1 –~~ Minimum of Oregon Department of Environmental Quality's (DEQ) residential ~~,~~ ~~occupational, construction, excavation, and outdoor occupational~~ risk-based concentrations (RBCs) (Oregon DEQ 2023) and the ~~U.S. Environmental Protection Agency's (EPA)~~ modified[5] residential soil (fishing platform) ~~regional screening~~ levels ~~(RSLs) (EPA 2024)~~
- ~~Tier 2 – EPA's industrial soil RSLs (EPA 2024)~~

For total PCBs (as Aroclors) and individual Aroclors, the minimum of the ~~EPA's industrial soil RSLs, EPA's~~ modified[5] residential soil (fishing platform) levels~~RSLs,~~ and the ~~EPA's~~ modified[6] residential soil (nursing

[5] EPA Residential RSLs modified (multiplied by 0.96) for fishing platform users to account for 365 days/year.

[6] Residential RSLs modified for PCBs (Table 4 of Oregon DEQ 2010) to account for nursing infants of fishing platform users by dividing the ~~EPA~~ modified residential soil (fishing platform) level~~RSL~~ by the Oregon DEQ default infant risk adjustment factors (IRAFs); Equation: modified residential soil level~~RSL~~/IRAF.

infant) levels~~RSLs~~ were used. In the absence of individual Aroclor levels~~RSLs~~, the total PCBs SLV was used for both individual Aroclors and total PCBs (as Aroclors).

A.2.2 Groundwater

The SLVs were selected using the following ~~tiered~~ hierarchy:

- ~~Tier 1 –~~ Minimum of Oregon DEQ's Volatilize Outdoor Air Occupational RBCs, Groundwater Excavation Construction RBCs, and Chronic Commercial Vapor Intrusion Screening Level (VISL) (Oregon DEQ 2023; 2024).
- ~~Tier 2 –~~ If SLVs were not available based on the above sources, the ~~M~~minimum of Oregon DEQ's Groundwater Ingest Residential RBCs (Oregon DEQ 2023) and EPA's Commercial VISLs (EPA 2023) was used.
- ~~Tier 3 –~~ If SLVs were not available based on the above two bullets, EPA's Tapwater RSLs (updated May 2024) were used.

A.3 Ecological Screening Level Value Hierarchy

The following summarizes the ecological SLV hierarchy used for soil (Table A-1):

Ecological SLVs were selected using the following hierarchy with minimum value from the first source (EPA ecological soil screening levels [EcoSSLs]) selected first if available, followed by the minimum value from the second source (Oregon DEQ SLVs), followed by the minimum value from the final source (EPA Region 4):

1. EPA EcoSSLs (EPA 2008) – Minimum of available EcoSSLs for plants, invertebrates, birds, and mammals (M)
2. Minimum Oregon DEQ Level II SLVs (Oregon DEQ 2020) – Minimum Level II SLV for plants, invertebrates, birds, and mammals
3. EPA Region 4 Screening Levels (EPA Region 4 2018) – Minimum screening level for plants, invertebrates, birds, and mammals

A.4 Minimum Potentially Applicable Screening Level Values Used to Identify Preliminary COPCs for Nature and Extent

This section summarizes the selected minimum potentially applicable SLVs for soil and groundwater that will be used for discussion of nature and extent of contamination and to identify preliminary COPCs ~~for discussion of nature and extent of contamination~~.

The nature and extent of inorganic contaminants will be defined to the established background values, while the nature and extent of organic contaminants will be defined to the minimum potentially applicable toxicity-based SLVs for soil and groundwater.

The SLVs used for identification of preliminary COPCs are as follows:

- Soil
  - ~~Inorganic c~~Chemicals of interest (COIs) in soil (0 to 1 and 0 to 3 feet below ground surface [bgs]) – The ~~greater of the Reference Area 95% UPLs and the toxicity-based SLVs (~~lower of the human health and ecological toxicity-based SLVs~~)~~ based on exposure to individual COIs.

- ~~Organic COIs in soil (0 to 1 and 0 to 3 feet bgs) – The lower of the human health and ecological toxicity-based SLVs based on exposure to individual COIs.~~
- ~~Inorganic~~ COIs in soil (0 to 10 feet bgs and > 10 feet bgs) – ~~The greater of the Reference Area 95% UPLs and the human health toxicity-based SLVs based on exposure to individual COIs. Ecological SLVs are not considered because soil deeper than 3 feet is not relevant for ecological risk assessment, and soils shallower than 3 feet bgs have already been considered in the other depth intervals.~~
  - ~~Organic COIs in soil (0 to 10 feet bgs and > 10 feet bgs) –~~ The selected human health toxicity-based SLVs based on exposure to individual COIs. Ecological SLVs are not considered because soil deeper than 3 feet is not relevant for ecological risk assessment, and soils shallower than 3 feet bgs have already been considered in the other depth intervals.
- Groundwater
  - The SLVs established for human receptors because ecological receptors do not contact groundwater.

A.5 References

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Table A-1. Screening Level Values for Soil

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Soil Screening Levels (mg/kg)						Candidate Ecological Soil Screening Levels (mg/kg)																	
				Oregon DEQ[a]		Modified Residential Soil [b]				EPA EcoSSLs[d]						Oregon DEQ Level II SLVs[e]						EPA Region 4 ESLs[f]						Soil SLV (0 to 1 and 0 to 3 feet bgs)[j]		Soil SLV (0 to 10 feet bgs)[j]	
Type	Chemical Group	Analyte	CAS No.	DEQ Soil Ingestion Residential	Notes	Modified Residential (Fishing	Modified Residential (Nursing	Notes	Selection of Human Health SLV[c]	Plant EcoSSL	Inverte-brate EcoSSL	Avian EcoSSL	Mammal EcoSSL	Minimum EcoSSL	Basis	Plant Level II SLV	Inverte-brate Level II	Avian Level II SLV	Mammal Level II SLV	Minimum DEQ Level II SLV	Basis	Minimum Region 4 ESL	Basis	Selection of Ecological SLV[g]	Site-Specific Reference UPL[h]	Minimum HH or Eco	Basis	HH	Basis
I	Metal	Aluminum	7429-90-5	--		7,392	--		7,392	pH	pH	pH	pH	--	pH	50	600	450	107	50	P	--	pH	50	31,400	50	Eco	7,392	HH
I	Metal	Antimony	7440-36-0	--		3.0	--		3.0	--	78	--	0.27	0.27	M	11	78	--	0.27	0.27	M	0.27	M	0.27	0.18	0.27	Eco	3.0	HH
I	Metal	Arsenic	7440-38-2	0.43		0.65	--		0.43	18	--	43	46	18	P	18	6.8	15	19	6.8	I	18	P	18	5.4	0.43	HH	0.43	HH
I	Metal	Barium	7440-39-3	15,000		1,440	--		1,440	--	330	--	2,000	330	I	110	330	630	1,800	110	P	330	I	330	169	330	Eco	1,440	HH
I	Metal	Beryllium	7440-41-7	160		15	--		15	--	40	--	21	21	M	2.5	40	--	21	2.5	P	2.5	P	21	0.66	15	HH	15	HH
I	Metal	Cadmium	7440-43-9	78		0.68	--		0.68	32	140	0.77	0.36	0.36	M	32	140	0.29	0.27	0.27	M	0.36	M	0.36	0.27	0.36	Eco	0.68	HH
I	Metal	Calcium	7440-70-2	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10,400	--	--	--	--
I	Metal	Chromium	7440-47-3	0.30	*	0.29	--		0.29	--	--	26	34	26	B	--	--	23	34	23	B**	26	B	26	28	0.29	HH	0.29	HH
I	Metal	Cobalt	7440-48-4	--		2.2	--		2.2	13	--	120	230	13	P	13	--	76	230	13	P	13	P	13	20	2.2	HH	2.2	HH
I	Metal	Copper	7440-50-8	3,100		298	--		298	70	80	28	49	28	B	70	80	14	42	14	B	28	B	28	57	28	Eco	298	HH
I	Metal	Iron	7439-89-6	--		5,280	--		5,280	pH	pH	pH	pH	--	pH	10	200	--	--	--	--	--	pH	--	36,900	5,280	HH	5,280	HH
I	Metal	Lead	7439-92-1	400		192	--		192	120	1,700	11	56	11	B	120	1,700	11	56	11	B	11	B	11	26	11	Eco	192	HH
I	Metal	Magnesium	7439-95-4	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12,400	--	--	--	--
I	Metal	Manganese	7439-96-5	1,800		173	--		173	220	450	4,300	4,000	220	P	220	450	1,300	1,400	220	P	220	P	220	885	173	HH	173	HH
I	Metal	Mercury	7439-97-6	23		1.1	--		1.1	--	--	--	--	--	--	34	0.05	0.013	1.7	0.013	B	0.013	B	0.013	0.066	0.013	Eco	1.1	HH
I	Metal	Nickel	7440-02-0	1,500		134	--		134	38	280	210	130	38	P	38	280	20	10	10	M	38	P	38	27	38	Eco	134	HH
I	Metal	Potassium	7440-09-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2,050	--	--	--	--
I	Metal	Selenium	7782-49-2	--		37	--		37	0.52	4.1	1.2	0.63	0.52	P	0.52	4.1	0.71	0.63	0.52	P	0.52	P	0.52	0.50	0.52	Eco	37	HH
I	Metal	Silver	7440-22-4	390		37	--		37	560	--	4.2	14	4.2	B	560	--	2.6	14	2.6	B	4.2	B	4.2	0.19	4.2	Eco	37	HH
I	Metal	Sodium	7440-23-5	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	341	--	--	--	--
I	Metal	Thallium	7440-28-0	--		0.075	--		0.075	--	--	--	--	--	--	0.05	--	4.5	0.42	0.05	P	0.050	P	0.050	0.20	0.050	Eco	0.075	HH
I	Metal	Vanadium	7440-62-2	--		37	--		37	--	--	7.8	280	7.8	B	60	--	4.7	280	4.7	B	7.8	B	7.8	104	7.8	Eco	37	HH
I	Metal	Zinc	7440-66-6	--		2,208	--		2,208	160	120	79	46	46	M	160	120	46	79	46	B	46	M	46	72	46	Eco	2,208	HH
I	Metal	Molybdenum	7439-98-7	--		37.44	--		37	--	--	--	--	--	--	--	--	16	2.6	2.6	M	2.0	P	2.6	--	2.6	Eco	37	HH
O	Butyltin	Dibutyltin	1002-53-5	--		1.8	--		1.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.8	HH	1.8	HH
O	Butyltin	Monobutyltin	78763-54-9	--		2.2	--	*	2.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.2	HH	2.2	HH
O	Butyltin	Tetrabutyltin	1461-25-2	--		2.2	--	*	2.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.2	HH	2.2	HH
O	Butyltin	Tributyltin	688-73-3	--		2.2	--		2.2	--	--	--	--	--	--	--	--	210	82	82	M	--	--	82	--	2.2	HH	2.2	HH
O	Herbicide	2,4,5-T	93-76-5	--		60	--		60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	60	HH	60	HH
O	Herbicide	2,4,5-TP (Silvex)	93-72-1	--		49	--		49	--	--	--	--	--	--	--	--	--	--	--	--	0.055	I	0.055	--	0.055	Eco	49	HH
O	Herbicide	2,4-D	94-75-7	630		67	--		67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	67	HH	67	HH
O	Herbicide	2,4-DB	94-82-6	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	Herbicide	Dalapon	75-99-0	--		182	--		182	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	182	HH	182	HH
O	Herbicide	Dicamba	1918-00-9	--		182	--		182	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	182	HH	182	HH
O	Herbicide	Dichlorprop	120-36-5	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	Herbicide	Dinoseb	88-85-7	--		6.0	--		6.0	--	--	--	--	--	--	--	--	--	--	--	--	0.015	I	0.015	--	0.015	Eco	6.0	HH
O	Herbicide	MCPA	94-74-6	32		3.1	--		3.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.1	HH	3.1	HH
O	Herbicide	MCPP	93-65-2	--		6.0	--		6.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.0	HH	6.0	HH
O	PAH-HMW	Benzo(a)anthracene	56-55-3	1.1		1.1	--		1.1	--	18	--	1.1	1.1	M**	18	--	0.73	3.4	0.73	B	1.1	M**	1.1	--	1.1	HH	1.1	HH
O	PAH-HMW	Benzo(a)pyrene	50-32-8	0.11		0.11	--		0.11	--	18	--	1.1	1.1	M**	--	--	--	62	62	M	1.1	M**	1.1	--	0.11	HH	0.11	HH
O	PAH-HMW	Benzo(b)fluoranthene	205-99-2	1.1		1.1	--		1.1	--	18	--	1.1	1.1	M**	18	--	0.73	3.4	0.73	B	1.1	M**	1.1	--	1.1	HH	1.1	HH
O	PAH-HMW	Benzo(g,h,i)perylene	191-24-2	1,800	*	173	--	*	173	--	18	--	1.1	1.1	M**	--	--	--	25	25	M	1.1	M**	1.1	--	1.1	Eco	173	HH
O	PAH-HMW	Benzo(j,k)flouranthene	205-82-3 & 207-08-9	11	*	11	--	*	11	--	18	--	1.1	1.1	M**	--	--	--	--	--	--	11	M**	1.1	--	1.1	Eco	11	HH
O	PAH-HMW	Benzo(k)fluoranthene	207-08-9	11		11	--		11	--	18	--	1.1	1.1	M**	--	--	--	--	--	--	1.1	M**	1.1	--	1.1	Eco	11	HH
O	PAH-HMW	Chrysene	218-01-9	110		106	--		106	--	18	--	1.1	1.1	M**	--	--	--	3.1	3.1	M	1.1	M**	1.1	--	1.1	Eco	106	HH
O	PAH-HMW	Dibenz(a,h)anthracene	53-70-3	0.11		0.11	--		0.11	--	18	--	1.1	1.1	M**	--	--	--	14	14	M	1.1	M**	1.1	--	0.11	HH	0.11	HH
O	PAH-HMW	Fluoranthene	206-44-0	2,400		230	--		230	--	18	--	1.1	1.1	M**	--	10	--	22	10	I	1.1	M**	1.1	--	1.1	Eco	230	HH
O	PAH-HMW	Indeno(1,2,3-cd)pyrene	193-39-5	1.1		1.1	--		1.1	--	18	--	1.1	1.1	M**	--	--	--	71	71	M	1.1	M**	1.1	--	1.1	HH	1.1	HH
O	PAH-HMW	Pyrene	129-00-0	1,800		173	--		173	--	18	--	1.1	1.1	M**	--	10	33	23	10	I	1.1	M**	1.1	--	1.1	Eco	173	HH
O	PAH-HMW	Total HPAH		--		--	--		--	--	18	--	1.1	1.1	M	--	18	0.11	1.1	0.11	B	1.1	M	1.1	--	1.1	Eco	--	--
O	PAH-LMW	2-Methylnaphthalene	91-57-6	--		23	--		23	--	29	--	100	29	I**	--	--	--	16	16	M	29	I**	29	--	23	HH	23	HH
O	PAH-LMW	Acenaphthene	83-32-9	4,700		346	--		346	--	29	--	100	29	I**	0.25	--	--	130	0.25	P	29	I**	29	--	29	Eco	346	HH
O	PAH-LMW	Acenaphthylene	208-96-8	5.3	*	1.9	--	*	1.9	--	29	--	100	29	I**	--	--	--	120	120	M	29	I**	29	--	1.9	HH	1.9	HH
O	PAH-LMW	Anthracene	120-12-7	23,000		1,728	--		1,728	--	29	--	100	29	I**	6.8	--	--	210	6.8	P	29	I**	29	--	29	Eco	1,728	HH
O	PAH-LMW	Fluorene	86-73-7	3,100		230	--		230	--	29	--	100	29	I**	--	3.7	--	250	3.7	I	29	I**	29	--	29	Eco	230	HH
O	PAH-LMW	Naphthalene	91-20-3	5.3		1.9	--		1.9	--	29	--	100	29	I**	1	--	3.4	9.6	1	P	29	I**	29	--	1.9	HH	1.9	HH
O	PAH-LMW	Phenanthrene	85-01-8	23,000	*	1,728	--	*	1,728	--	29	--	100	29	I**	--	5.5	--	11	5.5	I	29	I**	29	--	29	Eco	1,728	HH
O	PAH-LMW	Total LPAH		--		--	--		--	--	29	--	100	29	I	--	29	13	100	13	B	29	I	29	--	29	Eco	--	--
O	PCB	Aroclor 1016	12674-11-2	--		0.39	0.10		0.10	--	--	--	--	--	--	--	--	--	--	--	--	0.041	B**	0.041	--	0.041	Eco	0.10	HH
O	PCB	Aroclor 1221	11104-28-2	--		0.19	--		0.19	--	--	--	--	--	--	--	--	--	--	--	--	0.041	B**	0.041	--	0.041	Eco	0.19	HH
O	PCB	Aroclor 1232	11141-16-5	--		0.16	--		0.16	--	--	--	--	--	--	--	--	--	--	--	--	0.041	B**	0.041	--	0.041	Eco	0.16	HH
O	PCB	Aroclor 1242	53469-21-9	--		0.22	--		0.22	--	--	--	--	--	--	--	--	--	--	--	--	0.041	B**	0.041	--	0.041	Eco	0.22	HH
O	PCB	Aroclor 1248	12672-29-6	--		0.22	--		0.22	--	--	--	--	--	--	--	--	--	--	--	--	0.041	B**	0.041	--	0.041	Eco	0.22	HH
O	PCB	Aroclor 1254	11097-69-1	--		0.12	0.029		0.029	--	--	--	--	--	--	--	--	--	--	--	--	0.041	B**	0.041	--	0.029	HH	0.029	HH
O	PCB	Aroclor 1260	11096-82-5	--		0.23	--		0.23	--	--	--	--	--	--	--	--	--	--	--	--	0.041	B**	0.041	--	0.041	Eco	0.23	HH
O	PCB	Aroclor 1262	37324-23-5	--		--	--		0.23	--	--	--	--	--	--	--	--	--	--	--	--	0.041	B**	0.041	--	0.041	Eco	0.2304	HH
O	PCB	Aroclor 1268	11100-14-4	--		--	--		0.23	--	--	--	--	--	--	--	--	--	--	--	--	0.041	B**	0.041	--	0.041	Eco	0.2304	HH
O	PCB	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	40186-72-9	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4,4',5,5'-Octachlorobiphenyl	35694-08-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	52663-79-3	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4,4',5,6'-Octachlorobiphenyl	42740-50-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table A-1. Screening Level Values for Soil

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Soil Screening Levels (mg/kg)							Candidate Ecological Soil Screening Levels (mg/kg)																			
				Oregon DEQ[a]		Modified Residential Soil [b]					EPA EcoSSLs[d]						Oregon DEQ Level II SLVs[e]						EPA Region 4 ESLs[f]					Soil SLV (0 to 1 and 0 to 3 feet bgs)[i]		Soil SLV (0 to 10 feet bgs)[i]	
Type	Chemical Group	Analyte	CAS No.	DEQ Soil Ingestion Residential	Notes	Modified Residential (Fishing	Modified Residential (Nursing	Notes	Selection of Human Health SLV[c]	Plant EcoSSL	Inverte-brate EcoSSL	Avian EcoSSL	Mammal EcoSSL	Minimum EcoSSL	Basis	Plant Level II SLV	Inverte-brate Level II	Avian Level II SLV	Mammal Level II SLV	Minimum DEQ Level II SLV	Basis	Minimum Region 4 ESL	Basis	Selection of Ecological SLV[g]	Site-Specific Reference UPL[h]	Minimum HH or Eco	Basis	HH	Basis
O	PCB	2,2',3,3',4,4',5,6-Octachlorobiphenyl	52663-78-2	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4,4',5-Heptachlorobiphenyl	35065-30-6	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4,4',6,6'-Octachlorobiphenyl	33091-17-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4,4',6-Heptachlorobiphenyl	52663-71-5	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4,4'-Hexachlorobiphenyl	38380-07-3	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	52663-77-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4,5,5',6'-Octachlorobiphenyl	52663-75-9	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4,5,5',6-Octachlorobiphenyl	68194-17-2	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4,5,5'-Heptachlorobiphenyl	52663-74-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4,5,6,6'-Octachlorobiphenyl	52663-73-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	40186-71-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4,5,6'-Heptachlorobiphenyl	38411-25-5	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4,5,6-Heptachlorobiphenyl	68194-16-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4',5,6-Heptachlorobiphenyl	52663-70-4	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4,5'-Hexachlorobiphenyl	52663-66-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4,5-Hexachlorobiphenyl	55215-18-4	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4,6,6'-Heptachlorobiphenyl	52663-65-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4,6'-Hexachlorobiphenyl	38380-05-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4,6-Hexachlorobiphenyl	61798-70-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',4-Pentachlorobiphenyl	52663-62-4	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',5,5',6,6'-octachlorobiphenyl	2136-99-4	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',5,5',6-Heptachlorobiphenyl	52663-67-9	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',5,5'-Hexachlorobiphenyl	35694-04-3	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',5,6,6'-Heptachlorobiphenyl	52663-64-6	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',5,6'-Hexachlorobiphenyl	52744-13-5	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',5,6-Hexachlorobiphenyl	52704-70-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',5-Pentachlorobiphenyl	60145-20-2	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',6,6'-Hexachlorobiphenyl	38411-22-2	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3',6-Pentachlorobiphenyl	52663-60-2	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,3'-Tetrachlorobiphenyl	38444-93-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,4',5,5',6-Octachlorobiphenyl	52663-76-0	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065-29-3	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	74472-52-9	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,4',5,6'-Heptachlorobiphenyl	60145-23-5	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,4',5,6-Heptachlorobiphenyl	74472-47-2	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,4',5',6-Heptachlorobiphenyl	52663-69-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,4',5'-Hexachlorobiphenyl	35065-28-2	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,4',5-Hexachlorobiphenyl	35694-06-5	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,4',6,6'-Heptachlorobiphenyl	74472-48-3	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,4',6'-Hexachlorobiphenyl	59291-64-4	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,4',6-Hexachlorobiphenyl	56030-56-9	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,4'-Pentachlorobiphenyl	65510-45-4	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,5,5',6-Heptachlorobiphenyl	52712-05-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4',5,5',6-Heptachlorobiphenyl	52663-68-0	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,5,5'-Hexachlorobiphenyl	52712-04-6	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4',5,5'-Hexachlorobiphenyl	51908-16-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,5,6,6'-Heptachlorobiphenyl	74472-49-4	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4',5,6,6'-Heptachlorobiphenyl	74487-85-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,5,6'-Hexachlorobiphenyl	68194-15-0	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,5,6-Hexachlorobiphenyl	41411-61-4	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,5',6-Hexachlorobiphenyl	68194-14-9	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4',5,6'-Hexachlorobiphenyl	74472-41-6	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4',5,6-Hexachlorobiphenyl	68194-13-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4',5',6-Hexachlorobiphenyl	38380-04-0	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,5'-Pentachlorobiphenyl	38380-02-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,5-Pentachlorobiphenyl	55312-69-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4',5-Pentachlorobiphenyl	68194-07-0	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3',4,5-Pentachlorobiphenyl	41464-51-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,6,6'-Hexachlorobiphenyl	74472-40-5	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4',6,6'-Hexachlorobiphenyl	68194-08-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,6'-Pentachlorobiphenyl	73575-57-2	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4,6-Pentachlorobiphenyl	55215-17-3	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4',6-Pentachlorobiphenyl	68194-05-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3',4,6-Pentachlorobiphenyl	60233-25-2	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4'-Tetrachlorobiphenyl	36559-22-5	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,4-Tetrachlorobiphenyl	52663-59-9	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,5,5',6-Hexachlorobiphenyl	52663-63-5	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,5,5'-Pentachlorobiphenyl	52663-61-3	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,5,6,6'-Hexachlorobiphenyl	68194-09-2	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,5,6'-Pentachlorobiphenyl	73575-55-0	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table A-1. Screening Level Values for Soil

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Soil Screening Levels (mg/kg)							Candidate Ecological Soil Screening Levels (mg/kg)																			
				Oregon DEQ[a]		Modified Residential Soil [b]					EPA EcoSSLs[d]						Oregon DEQ Level II SLVs[e]						EPA Region 4 ESLs[f]					Soil SLV (0 to 1 and 0 to 3 feet bgs)[j]		Soil SLV (0 to 10 feet bgs)[j]	
Type	Chemical Group	Analyte	CAS No.	DEQ Soil Ingestion Residential	Notes	Modified Residential (Fishing	Modified Residential (Nursing	Notes	Selection of Human Health SLV[c]	Plant EcoSSL	Inverte-brate EcoSSL	Avian EcoSSL	Mammal EcoSSL	Minimum EcoSSL	Basis	Plant Level II SLV	Inverte-brate Level II	Avian Level II SLV	Mammal Level II SLV	Minimum DEQ Level II SLV	Basis	Minimum Region 4 ESL	Basis	Selection of Ecological SLV[g]	Site-Specific Reference UPL[h]	Minimum HH or Eco	Basis	HH	Basis
O	PCB	2,2',3,5,6-Pentachlorobiphenyl	73575-56-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,5',6-Pentachlorobiphenyl	38379-99-6	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,5'-Tetrachlorobiphenyl	41464-39-5	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,5-Tetrachlorobiphenyl	70362-46-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,6,6'-Pentachlorobiphenyl	73575-54-9	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,6'-Tetrachlorobiphenyl	41464-47-5	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3,6-Tetrachlorobiphenyl	70362-45-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',3-Trichlorobiphenyl	38444-78-9	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',4,4',5,5'-Hexachlorobiphenyl	35065-27-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',4,4',5,6'-Hexachlorobiphenyl	60145-22-4	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',4,4',5-Pentachlorobiphenyl	38380-01-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',4,4',6,6'-Hexachlorobiphenyl	33979-03-2	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',4,4',6-Pentachlorobiphenyl	39485-83-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',4,4'-Tetrachlorobiphenyl	2437-79-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',4,5,5'-Pentachlorobiphenyl	37680-73-2	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',4,5,6'-Pentachlorobiphenyl	68194-06-9	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',4,5',6-Pentachlorobiphenyl	60145-21-3	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',4,5'-Tetrachlorobiphenyl	41464-40-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',4,5-Tetrachlorobiphenyl	70362-47-9	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',4,6,6'-Pentachlorobiphenyl	56558-16-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',4,6'-Tetrachlorobiphenyl	68194-04-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',4,6-Tetrachlorobiphenyl	62796-65-0	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',4-Trichlorobiphenyl	37680-66-3	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',5,5'-Tetrachlorobiphenyl	35693-99-3	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',5,6'-Tetrachlorobiphenyl	41464-41-9	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',5-Trichlorobiphenyl	37680-65-2	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',6,6'-Tetrachlorobiphenyl	15968-05-5	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2',6-Trichlorobiphenyl	38444-73-4	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,2'-Dichlorobiphenyl	13029-08-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',4,4',5,5',6-Octachlorobiphenyl	74472-53-0	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',4,4',5,5'-Heptachlorobiphenyl	39635-31-9	--		0.12	--		0.12	--	--	--	--	--	--	--	--	0.014	0.0006	0.0006	M	--	--	0.00060	--	0.00060	Eco	0.12	HH
O	PCB	2,3,3',4,4',5,6-Heptachlorobiphenyl	41411-64-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',4,4',5',6-Heptachlorobiphenyl	74472-50-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',4,4',5'-Hexachlorobiphenyl	69782-90-7	--		0.12	--		0.12	--	--	--	--	--	--	--	--	0.0033	0.0014	0.0014	M	--	--	0.0014	--	0.0014	Eco	0.12	HH
O	PCB	2,3,3',4,4',5-Hexachlorobiphenyl	38380-08-4	--		0.12	--		0.12	--	--	--	--	--	--	--	--	0.0033	0.0014	0.0014	M	--	--	0.0014	--	0.0014	Eco	0.12	HH
O	PCB	2,3,3',4,4',6-Hexachlorobiphenyl	74472-42-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',4,4'-Pentachlorobiphenyl	32598-14-4	--		0.12	--		0.12	--	--	--	--	--	--	--	--	0.01	0.0043	0.0043	M	--	--	0.0043	--	0.0043	Eco	0.12	HH
O	PCB	2,3,3',4,5,5',6-Heptachlorobiphenyl	74472-51-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',4',5,5',6-Heptachlorobiphenyl	69782-91-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',4,5,5'-Hexachlorobiphenyl	39635-35-3	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',4',5,5'-Hexachlorobiphenyl	39635-34-2	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',4,5,6-Hexachlorobiphenyl	41411-62-5	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',4,5',6-Hexachlorobiphenyl	74472-43-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',4',5,6-Hexachlorobiphenyl	74472-44-9	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',4',5',6-Hexachlorobiphenyl	74472-45-0	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',4,5'-Pentachlorobiphenyl	70362-41-3	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',4,5-Pentachlorobiphenyl	70424-69-0	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',4',5-Pentachlorobiphenyl	70424-68-9	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2',3,3',4,5-Pentachlorobiphenyl	76842-07-4	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',4,6-Pentachlorobiphenyl	74472-35-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',4',6-Pentachlorobiphenyl	38380-03-9	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',4'-Tetrachlorobiphenyl	41464-43-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',4-Tetrachlorobiphenyl	74338-24-2	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',5,5',6-Hexachlorobiphenyl	74472-46-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',5,5'-Pentachlorobiphenyl	39635-32-0	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',5,6-Pentachlorobiphenyl	74472-36-9	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',5',6-Pentachlorobiphenyl	68194-10-5	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',5'-Tetrachlorobiphenyl	41464-49-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',5-Tetrachlorobiphenyl	70424-67-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3',6-Tetrachlorobiphenyl	74472-33-6	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,3'-Trichlorobiphenyl	38444-84-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3',4,4',5,5'-Hexachlorobiphenyl	52663-72-6	--		0.12	--		0.12	--	--	--	--	--	--	--	--	0.04	0.0017	0.0017	M	--	--	0.0017	--	0.0017	Eco	0.12	HH
O	PCB	2,3,4,4',5,6-Hexachlorobiphenyl	41411-63-6	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3',4,4',5',6-Hexachlorobiphenyl	59291-65-5	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,4,4',5-Pentachlorobiphenyl	74472-37-0	--		0.12	--		0.12	--	--	--	--	--	--	--	--	0.007	0.003	0.003	M	--	--	0.0030	--	0.0030	Eco	0.12	HH
O	PCB	2,3',4,4',5-Pentachlorobiphenyl	31508-00-6	--		0.12	--		0.12	--	--	--	--	--	--	--	--	0.052	0.0022	0.0022	M	--	--	0.0022	--	0.0022	Eco	0.12	HH
O	PCB	2',3,4,4',5-Pentachlorobiphenyl	65510-44-3	--		0.12	--		0.12	--	--	--	--	--	--	--	--	0.07	0.003	0.003	M	--	--	0.0030	--	0.0030	Eco	0.12	HH
O	PCB	2,3,4,4',6-Pentachlorobiphenyl	74472-38-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3',4,4',6-Pentachlorobiphenyl	56558-17-9	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,4,4'-Tetrachlorobiphenyl	33025-41-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3',4,4'-Tetrachlorobiphenyl	32598-10-0	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table A-1. Screening Level Values for Soil

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Soil Screening Levels (mg/kg)							Candidate Ecological Soil Screening Levels (mg/kg)																			
				Oregon DEQ[a]		Modified Residential Soil [b]					EPA EcoSSLs[d]						Oregon DEQ Level II SLVs[e]						EPA Region 4 ESLs[f]				Soil SLV (0 to 1 and 0 to 3 feet bgs)[j]		Soil SLV (0 to 10 feet bgs)[j]	
Type	Chemical Group	Analyte	CAS No.	DEQ Soil Ingestion Residential	Notes	Modified Residential (Fishing	Modified Residential (Nursing	Notes	Selection of Human Health SLV[c]	Plant EcoSSL	Inverte-brate EcoSSL	Avian EcoSSL	Mammal EcoSSL	Minimum EcoSSL	Basis	Plant Level II SLV	Inverte-brate Level II	Avian Level II SLV	Mammal Level II SLV	Minimum DEQ Level II SLV	Basis	Minimum Region 4 ESL	Basis	Selection of Ecological SLV[g]	Site-Specific Reference UPL[h]	Minimum HH or Eco	Basis	HH	Basis
O	PCB	2,3',4,5,5'-Pentachlorobiphenyl	68194-12-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2',3,4,5,5'-Pentachlorobiphenyl	70424-70-3	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,4,5,6-Pentachlorobiphenyl	18259-05-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,4',5,6-Pentachlorobiphenyl	68194-11-6	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3',4,5',6-Pentachlorobiphenyl	56558-18-0	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2',3,4,5,6'-Pentachlorobiphenyl	74472-39-2	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,4,5-Tetrachlorobiphenyl	33284-53-6	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,4',5-Tetrachlorobiphenyl	74472-34-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3',4,5'-Tetrachlorobiphenyl	73575-52-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3',4,5-Tetrachlorobiphenyl	73575-53-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3',4',5-Tetrachlorobiphenyl	32598-11-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2',3,4,5-Tetrachlorobiphenyl	70362-48-0	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,4,6-Tetrachlorobiphenyl	54230-22-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,4',6-Tetrachlorobiphenyl	52663-58-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3',4,6-Tetrachlorobiphenyl	60233-24-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3',4',6-Tetrachlorobiphenyl	41464-46-4	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,4'-Trichlorobiphenyl	38444-85-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,4-Trichlorobiphenyl	55702-46-0	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3',4'-Trichlorobiphenyl	38444-86-9	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3',4-Trichlorobiphenyl	55712-37-3	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3',5,5'-Tetrachlorobiphenyl	41464-42-0	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,5,6-Tetrachlorobiphenyl	33284-54-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3',5',6-Tetrachlorobiphenyl	74338-23-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,5-Trichlorobiphenyl	55720-44-0	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3',5'-Trichlorobiphenyl	37680-68-5	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3',5-Trichlorobiphenyl	38444-81-4	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3,6-Trichlorobiphenyl	55702-45-9	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3',6-Trichlorobiphenyl	38444-76-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3'-Dichlorobiphenyl	25569-80-6	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,3-Dichlorobiphenyl	16605-91-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,4,4',5-Tetrachlorobiphenyl	32690-93-0	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,4,4',6-Trichlorobiphenyl	32598-12-2	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,4,4'-Trichlorobiphenyl	7012-37-5	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,4,5-Trichlorobiphenyl	15862-07-4	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,4',5-Trichlorobiphenyl	16606-02-3	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,4,6-Trichlorobiphenyl	35693-92-6	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,4',6-Trichlorobiphenyl	38444-77-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,4'-Dichlorobiphenyl	34883-43-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,4-Dichlorobiphenyl	33284-50-3	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,5-Dichlorobiphenyl	34883-39-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2,6-Dichlorobiphenyl	33146-45-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	2-Chlorobiphenyl	2051-60-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	3,3',4,4',5,5'-Hexachlorobiphenyl	32774-16-6	--		0.00012	--		0.00012	--	--	--	--	--	--	--	--	0.00048	0.0000020	0.0000020	M	--	--	0.0000020	--	0.0000020	Eco	0.00012	HH
O	PCB	3,3',4,4',5-Pentachlorobiphenyl	57465-28-8	--		0.000035	--		0.000035	--	--	--	--	--	--	--	--	6.9E-06	0.00000087	0.00000087	M	--	--	0.00000087	--	0.00000087	Eco	0.000035	HH
O	PCB	3,3',4,4'-Tetrachlorobiphenyl	32598-13-3	--		0.036	--		0.036	--	--	--	--	--	--	--	--	1.7E-05	0.0011	0.000017	B	--	--	0.000017	--	0.000017	Eco	0.036	HH
O	PCB	3,3',4,5,5'-Pentachlorobiphenyl	39635-33-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	3,3',4,5'-Tetrachlorobiphenyl	41464-48-6	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	3,3',4,5-Tetrachlorobiphenyl	70362-49-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	3,3',4-Trichlorobiphenyl	37680-69-6	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	3,3',5,5'-Tetrachlorobiphenyl	33284-52-5	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	3,3',5-Trichlorobiphenyl	38444-87-0	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	3,3'-Dichlorobiphenyl	2050-67-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	3,4,4',5-Tetrachlorobiphenyl	70362-50-4	--		0.012	--		0.012	--	--	--	--	--	--	--	--	0.00015	0.00064	0.00015	B	--	--	0.00015	--	0.00015	Eco	0.012	HH
O	PCB	3,4,4'-Trichlorobiphenyl	38444-90-5	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	3,4,5-Trichlorobiphenyl	53555-66-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	3,4',5-Trichlorobiphenyl	38444-88-1	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	3,4'-Dichlorobiphenyl	2974-90-5	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	3,4-Dichlorobiphenyl	2974-92-7	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	3,5-Dichlorobiphenyl	34883-41-5	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	3-Chlorobiphenyl	2051-61-8	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	4,4'-Dichlorobiphenyl	2050-68-2	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	4-Chlorobiphenyl	2051-62-9	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	Decachlorobiphenyl	2051-24-3	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	PCB	Total PCBs	1336-36-3	0.23		--	--		0.23	--	--	--	--	--	--	160	--	0.041	0.0073	0.0073	M	0.041	B	0.0073	--	0.0073	Eco	0.23	HH
O	Pesticide	4,4'-DDD	72-54-8	2.2		2.2	--		2.2	--	--	0.093	0.021	0.021	M**	4.1	--	0.041	0.02	0.02	M**	0.021	M**	0.021	--	0.021	Eco	2.2	HH
O	Pesticide	4,4'-DDE	72-55-9	1.8		1.9	--		1.8	--	--	0.093	0.021	0.021	M**	4.1	--	0.041	0.02	0.02	M**	0.021	M**	0.021	--	0.021	Eco	1.8	HH
O	Pesticide	4,4'-DDT	50-29-3	1.9		1.8	--		1.8	--	--	0.093	0.021	0.021	M	4.1	--	0.041	0.02	0.02	M	0.021	M	0.021	--	0.021	Eco	1.8	HH
O	Pesticide	Aldrin	309-00-2	0.031		0.037	--		0.031	--	--	--	--	--	--	--	--	0.000085	0.037	0.000085	B	0.030	I	0.000085	--	0.000085	Eco	0.031	HH
O	Pesticide	BHC (alpha)	319-84-6	0.086		0.083	--		0.083	--	--	--	--	--	--	--	--	0.21	0.0096	0.0096	M**	0.00030	I	0.0096	--	0.0096	Eco	0.083	HH
O	Pesticide	BHC (beta)	319-85-7	0.086	*	0.29	--		0.086	--	--	--	--	--	--	--	--	0.21	0.0096	0.0096	M**	0.00030	I	0.0096	--	0.0096	Eco	0.086	HH
O	Pesticide	BHC (delta)	319-86-8	0.086	*	0.083	--	*	0.083	--	--	--	--	--	--	--	--	0.21	0.0096	0.0096	M**	0.00030	I**	0.0096	--	0.0096	Eco	0.083	HH

Table A-1. Screening Level Values for Soil

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Soil Screening Levels (mg/kg)							Candidate Ecological Soil Screening Levels (mg/kg)																			
				Oregon DEQ[a]		Modified Residential Soil [b]					EPA EcoSSLs[d]						Oregon DEQ Level II SLVs[e]						EPA Region 4 ESLs[f]					Soil SLV (0 to 1 and 0 to 3 feet bgs)[j]		Soil SLV (0 to 10 feet bgs)[j]	
Type	Chemical Group	Analyte	CAS No.	DEQ Soil Ingestion Residential	Notes	Modified Residential (Fishing	Modified Residential (Nursing	Notes	Selection of Human Health SLV[c]	Plant EcoSSL	Inverte-brate EcoSSL	Avian EcoSSL	Mammal EcoSSL	Minimum EcoSSL	Basis	Plant Level II SLV	Inverte-brate Level II	Avian Level II SLV	Mammal Level II SLV	Minimum DEQ Level II SLV	Basis	Minimum Region 4 ESL	Basis	Selection of Ecological SLV[g]	Site-Specific Reference UPL[h]	Minimum HH or Eco	Basis	HH	Basis
O	Pesticide	BHC (gamma) Lindane	58-89-9	0.49		0.55	--		0.49	--	--	--	--	--	--	--	--	0.21	0.0096	0.0096	M**	0.0031	I	0.0096	--	0.0096	Eco	0.49	HH
O	Pesticide	Chlordane -- not otherwise specified (n.o.s.)	57-74-9	--		--	--		--	--	--	--	--	--	--			0.28	0.27	0.27	M	0.020	I**	0.27	--	0.27	Eco	--	--
O	Pesticide	Chlordane (alpha)	5103-71-9	1.7	*	3.5	--		1.7	--	--	--	--	--	--	--	--	0.28	0.27	0.27	M	0.0029	I	0.27	--	0.27	Eco	1.7	HH
O	Pesticide	Chlordane (gamma)	5103-74-2	1.7	*	3.5	--		1.7	--	--	--	--	--	--	--	--	0.28	0.27	0.27	M	0.020	I	0.27	--	0.27	Eco	1.7	HH
O	Pesticide	Chlordane (technical)	12789-03-6	1.7	*	1.6	--		1.6	--	--	--	--	--	--	--	--	0.28	0.27	0.27	M	0.020	I**	0.27	--	0.27	Eco	1.6	HH
O	Pesticide	Chlorobenzilate	510-15-6	--		4.7	--		4.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.7	HH	4.7	HH
O	Pesticide	Diallate	2303-16-4	--		8.5	--		8.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8.5	HH	8.5	HH
O	Pesticide	Dieldrin	60-57-1	0.034		0.033	--		0.033	--	--	0.22	0.0049	0.0049	M	10	--	0.012	0.0045	0.0045	M	0.0029	I	0.0049	--	0.0049	Eco	0.033	HH
O	Pesticide	Endosulfan I	959-98-8	380		45	--		45	--	--	--	--	--	--	--	--	15	0.64	0.64	M**	0.00090	I	0.64	--	0.64	Eco	45	HH
O	Pesticide	Endosulfan II	33213-65-9	380		45	--	*	45	--	--	--	--	--	--	--	--	15	0.64	0.64	M**	0.00090	I	0.64	--	0.64	Eco	45	HH
O	Pesticide	Endosulfan sulfate	1031-07-8	380	*	36	--		36	--	--	--	--	--	--	--	--	15	0.64	0.64	M**	0.0065	I	0.64	--	0.64	Eco	36	HH
O	Pesticide	Endrin	72-20-8	19		1.8	--		1.8	--	--	--	--	--	--	0.0034	--	0.0014	0.023	0.0014	B	0.0019	I	0.0014	--	0.0014	Eco	1.8	HH
O	Pesticide	Endrin aldehyde	7421-93-4	19	*	1.8	--	*	1.8	--	--	--	--	--	--	0.0034	--	0.0014	0.023	0.0014	B**	0.0019	I**	0.0014	--	0.0014	Eco	1.8	HH
O	Pesticide	Endrin ketone	53494-70-5	19	*	1.8	--	*	1.8	--	--	--	--	--	--	0.0034	--	0.0014	0.023	0.0014	B**	0.0019	I**	0.0014	--	0.0014	Eco	1.8	HH
O	Pesticide	Heptachlor	76-44-8	0.11		0.12	--		0.11	--	--	--	--	--	--	--	--	--	--	--	--	0.0016	I	0.0016	--	0.0016	Eco	0.11	HH
O	Pesticide	Heptachlor epoxide	1024-57-3	0.055		0.067	--		0.055	--	--	--	--	--	--	--	--	--	--	--	--	0.00015	I	0.00015	--	0.00015	Eco	0.055	HH
O	Pesticide	Isodrin	465-73-6	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	Pesticide	Methoxychlor	72-43-5	--		31	--		31	--	--	--	--	--	--	--	--	18	5.1	5.1	M	0.0021	I	5.1	--	5.1	Eco	31	HH
O	Pesticide	Toxaphene	8001-35-2	0.49		0.47	--		0.47	--	--	--	--	--	--	--	--	4.1	5.9	4.1	B	0.00015	I	4.1	--	0.47	HH	0.47	HH
O	SVOC	1,2,4,5-Tetrachlorobenzene	95-94-3	--		0.2208	--		0.22	--	--	--	--	--	--	--	--	--	--	--	--	0.18	I	0.18	--	0.18	Eco	0.2	HH
O	SVOC	1,2-Diphenylhydrazine	122-66-7	--		0.6528	--		0.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.65	HH	0.65	HH
O	SVOC	1-Methylnaphthalene	90-12-0	--		0.017	--		0.017	--	--	--	--	--	--	--	--	--	--	--	--	29	I**	29	--	0.017	HH	0.017	HH
O	SVOC	2,2'-oxybis(1-chloropropane)	108-60-1	--		297.6	--		298	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	298	HH	298	HH
O	SVOC	2,4,5-Trichlorophenol	95-95-4	--		605	--		605	--	--	--	--	--	--	--	--	--	--	--	--	4.0	P	4.0	--	4.0	Eco	605	HH
O	SVOC	2,4,6-Trichlorophenol	88-06-2	49		6.0	--		6.0	--	--	--	--	--	--	--	--	--	--	--	--	9.9	M	9.9	--	6.0	HH	6.0	HH
O	SVOC	2,4-Dichlorophenol	120-83-2	--		18	--		18	--	--	--	--	--	--	--	--	--	--	--	--	0.050	I	0.050	--	0.050	Eco	18	HH
O	SVOC	2,4-Dimethylphenol	105-67-9	--		125	--		125	--	--	--	--	--	--	--	--	--	--	--	--	0.040	I	0.040	--	0.040	Eco	125	HH
O	SVOC	2,4-Dinitrophenol	51-28-5	--		12	--		12	--	--	--	--	--	--	--	--	--	--	--	--	0.061	M	0.061	--	0.061	Eco	12	HH
O	SVOC	2,4-Dinitrotoluene	121-14-2	--		1.6	--		1.6	--	--	--	--	--	--	--	--	--	--	--	--	6.0	P	6.0	--	1.6	HH	1.6	HH
O	SVOC	2,6-Dichlorophenol	87-65-0	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	SVOC	2,6-Dinitrotoluene	606-20-2	0.36		0.35	--		0.35	--	--	--	--	--	--	--	--	--	--	--	--	4.0	M	4.0	--	0.35	HH	0.35	HH
O	SVOC	2-Chloronaphthalene	91-58-7	--		461	--		461	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	461	HH	461	HH
O	SVOC	2-Chlorophenol	95-57-8	--		37	--		37	--	--	--	--	--	--	--	--	0.39	0.54	0.39	B	0.060	I	0.39	--	0.39	Eco	37	HH
O	SVOC	2-Methylphenol	95-48-7	--		307	--		307	--	--	--	--	--	--	0.67	--	--	580	0.67	P	0.10	I	0.67	--	0.67	Eco	307	HH
O	SVOC	2-Nitroaniline	88-74-4	--		60	--		60	--	--	--	--	--	--	--	--	--	5.3	5.3	M	0.020	I	5.3	--	5.3	Eco	60	HH
O	SVOC	2-Nitrophenol	88-75-5	--		1,824	--	*	1,824	--	--	--	--	--	--	--	--	--	--	--	--	5.1	M**	5.1	--	5.1	Eco	1,824	HH
O	SVOC	3 & 4 methylphenol	15831-10-4	--		124.8	--		125	--	--	--	--	--	--	0.69	--	--	--	0.69	P**	--	--	0.69	--	0.69	Eco	124.8	HH
O	SVOC	3,3'-Dichlorobenzidine	91-94-1	1		1.2	--		1.2	--	--	--	--	--	--	--	--	--	--	--	--	0.030	I	0.030	--	0.030	Eco	1.2	HH
O	SVOC	3-Nitroaniline	99-09-2	--		60	--	*	60	--	--	--	--	--	--	--	--	--	--	--	--	0.020	I**	0.020	--	0.020	Eco	60	HH
O	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	--		0.49	--		0.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.49	HH	0.49	HH
O	SVOC	4-Bromophenyl phenyl ether	101-55-3	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	SVOC	4-Chloro-3-methylphenol	59-50-7	--		605	--		605	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	605	HH	605	HH
O	SVOC	4-Chloroaniline	106-47-8	--		2.6	--		2.6	--	--	--	--	--	--	1	1.8	--	--	1	P	1.0	P	1.0	--	1.0	Eco	2.6	HH
O	SVOC	4-Chlorophenyl phenyl ether	7005-72-3	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	SVOC	4-Nitroaniline	100-01-6	--		24	--		24	--	--	--	--	--	--	--	--	--	--	--	--	0.020	I**	0.020	--	0.020	Eco	24	HH
O	SVOC	4-Nitrophenol	100-02-7	--		1,824	--	*	1,824	--	--	--	--	--	--	--	--	--	--	--	--	5.1	M	5.1	--	5.1	Eco	1,824	HH
O	SVOC	Aniline	62-53-3	--		42	--		42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	42	HH	42	HH
O	SVOC	Benzidine	92-87-5	0.00052		0.00051	--		0.00051	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.00051	HH	0.00051	HH
O	SVOC	Benzoic acid	65-85-0	--		24,000	--		24,000	--	--	--	--	--	--	--	--	--	1	1	M	0.010	I	1.0	--	1.0	Eco	24,000	HH
O	SVOC	Benzyl alcohol	100-51-6	--		605	--		605	--	--	--	--	--	--	--	--	--	120	120	M	0.0020	I	120	--	120	Eco	605	HH
O	SVOC	Bis(2-chloroethoxy)methane	111-91-1	--		18	--		18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	18	HH	18	HH
O	SVOC	Bis(2-chloroethyl) ether	111-44-4	--		0.22	--		0.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.22	HH	0.22	HH
O	SVOC	Bis(2-chloroisopropyl) ether	39638-32-9 or 108-60-1	--		298	--		298	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	298	HH	298	HH
O	SVOC	Bis(2-ethylhexyl) phthalate	117-81-7	39		37	--		37	--	--	--	--	--	--	--	--	0.02	0.6	0.02	B	0.020	B	0.020	--	0.020	Eco	37	HH
O	SVOC	Butyl Benzyl phthalate	85-68-7	--		278	--		278	--	--	--	--	--	--	--	--	--	--	90	M	0.59	I	90	--	90	Eco	278	HH
O	SVOC	Carbazole	86-74-8	--		7.5	--	*	7.5	--	--	--	--	--	--	--	--	--	79	79	M	0.070	I	79	--	7.5	HH	7.5	HH
O	SVOC	Dibenzofuran	132-64-9	--		7.5	--		7.5	--	--	--	--	--	--	6.1	--	--	--	6.1	P	0.15	I	6.1	--	6.1	Eco	7.5	HH
O	SVOC	Diethyl phthalate	84-66-2	--		4,896	--		4,896	--	--	--	--	--	--	100	--	--	3,700	100	P	0.25	I	100	--	100	Eco	4,896	HH
O	SVOC	Dimethyl phthalate	131-11-3	39	*	37	--	*	37	--	--	--	--	--	--	--	10	--	38	10	I	0.35	I	10	--	10	Eco	37	HH
O	SVOC	Di-n-butyl phthalate	84-74-2	--		605	--		605	--	--	--	--	--	--	160	--	0.011	0.052	0.011	B	0.011	B	0.011	--	0.011	Eco	605	HH
O	SVOC	Di-n-octyl phthalate	117-84-0	--		60	--		60	--	--	--	--	--	--	--	--	--	0.91	0.91	M	0.91	M	0.91	--	0.91	Eco	60	HH
O	SVOC	Hexachlorobenzene	118-74-1	0.21		0.075	--		0.075	--	--	--	--	--	--	10	10	0.079	0.2	0.079	B	0.079	B	0.079	--	0.075	HH	0.075	HH
O	SVOC	Hexachlorobutadiene	87-68-3	--		1.2	--		1.2	--	--	--	--	--	--	--	--	--	--	--	--	0.0090	I	0.0090	--	0.0090	Eco	1.2	HH
O	SVOC	Hexachlorocyclopentadiene	77-47-4	--		0.17	--		0.17	--	--	--	--	--	--	--	--	--	--	--	--	0.0010	I	0.0010	--	0.0010	Eco	0.17	HH
O	SVOC	Hexachloroethane	67-72-1	7.4		1.7	--		1.7	--	--	--	--	--	--	--	--	--	--	--	--	0.024	I	0.024	--	0.024	Eco	1.7	HH
O	SVOC	Isophorone	78-59-1	--		547	--		547	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	547	HH	547	HH
O	SVOC	Nitrobenzene	98-95-3	--		4.9	--		4.9	--	--	--	--	--	--	--	2.2	--	4.8	2.2	I	2.2	I	2.2	--	2.2	Eco	4.9	HH
O	SVOC	n-Nitrosodimethylamine	62-75-9	--		0.0019	--		0.0019	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0019	HH	0.0019	HH
O	SVOC	n-Nitrosodi-n-propylamine	621-64-7	0.078		0.075	--		0.075	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.075	HH	0.075	HH
O	SVOC	n-Nitrosodiphenylamine	86-30-6	--		106	--		106	--	--	--	--	--	--	--	--	--	--	--	--	0.55	M	0.55	--	0.55	Eco	106	HH
O	SVOC	n-Nitrosopyrrolidine	930-55-2	--		0.2496	--		0.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.25	HH	0.25	HH

Table A-1. Screening Level Values for Soil

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Soil Screening Levels (mg/kg)						Candidate Ecological Soil Screening Levels (mg/kg)																			
				Oregon DEQ[a]		Modified Residential Soil [b]				EPA EcoSSLs[d]						Oregon DEQ Level II SLVs[e]						EPA Region 4 ESLs[f]				Site-Specific Reference UPL[h]	Soil SLV (0 to 1 and 0 to 3 feet bgs)[j]		Soil SLV (0 to 10 feet bgs)[j]	
Type	Chemical Group	Analyte	CAS No.	DEQ Soil Ingestion Residential	Notes	Modified Residential (Fishing	Modified Residential (Nursing	Notes	Selection of Human Health SLV[c]	Plant EcoSSL	Inverte-brate EcoSSL	Avian EcoSSL	Mammal EcoSSL	Minimum EcoSSL	Basis	Plant Level II SLV	Inverte-brate Level II	Avian Level II SLV	Mammal Level II SLV	Minimum DEQ Level II SLV	Basis	Minimum Region 4 ESL	Basis	Selection of Ecological SLV[g]		Minimum HH or Eco	Basis	HH	Basis
O	SVOC	p-Cresol (4-methylphenol)	106-44-5	--		125	--		125	--	--	--	--	--	--	--	--	--	--	--	--	0.080	I	0.080	--	0.080	Eco	125	HH
O	SVOC	Pentachlorophenol	87-86-5	1.0		0.96	--		1.0	5	31	2.1	2.8	2.8	M	5	31	0.36	0.81	0.36	B	2.1	B	2.8	--	0.96	HH	1.0	HH
O	SVOC	Phenol	108-95-2	--		1,824	--		1,824	--	--	--	--	--	--	0.79	1.8	--	37	0.79	P	0.79	P	0.79	--	0.79	Eco	1,824	HH
O	TPH	Diesel-range organics	68334-30-5	1,100		--	--		1,100	--	--	--	--	--	--	260	260	6,000	6,000	260	P*	--	--	260	--	260	Eco	1,100	HH
O	TPH	Gasoline-range organics	8006-61-9	1,200		--	--		1,200	--	--	--	--	--	--	120	120	5,000	5,000	120	P	--	--	120	--	120	Eco	1,200	HH
O	TPH	ORO (C20-C38)	STL02073	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	TPH	Residual-range organics	RRO	2,800		--	--		2,800	--	--	--	--	--	--	260	260	6,000	6,000	260	P*	--	--	260	--	260	Eco	2,800	HH
O	VOC	1,1,1,2-Tetrachloroethane	630-20-6	--		1.9	--		1.9	--	--	--	--	--	--	--	--	--	--	--	--	0.070	I	0.070	--	0.070	Eco	1.9	HH
O	VOC	1,1,1-Trichloroethane (TCA)	71-55-6	53,000		778	--		778	--	--	--	--	--	--	--	--	--	260	260	M	0.040	I	260	--	260	Eco	778	HH
O	VOC	1,1,2,2-Tetrachloroethane	79-34-5	--		0.58	--		0.58	--	--	--	--	--	--	--	--	--	--	--	--	0.13	M	0.13	--	0.13	Eco	0.58	HH
O	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	--		643.2	--		643	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	643	HH	643	HH
O	VOC	1,1,2-Trichloroethane	79-00-5	3.2		0.14	--		0.14	--	--	--	--	--	--	--	--	--	--	--	--	0.32	I	0.32	--	0.14	HH	0.14	HH
O	VOC	1,1-Dichloroethane	75-34-3	58		3.5	--		3.5	--	--	--	--	--	--	--	--	--	210	210	M	0.14	I	210	--	3.5	HH	3.5	HH
O	VOC	1,1-Dichloroethene	75-35-4	1,800		22	--		22	--	--	--	--	--	--	--	--	--	11	11	M	0.040	I	11	--	11	Eco	22	HH
O	VOC	1,1-Dichloropropene	563-58-6	--		1.7	--	*	1.7	--	--	--	--	--	--	--	--	--	--	--	--	0.0010	I**	0.0010	--	0.0010	Eco	1.7	HH
O	VOC	1,2,3-Trichlorobenzene	87-61-6	--		6.0	--		6.0	--	--	--	--	--	--	--	--	--	--	--	--	20	I	20	--	6.0	HH	6.0	HH
O	VOC	1,2,3-Trichloropropane	96-18-4	--		0.0049	--		0.0049	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0049	HH	0.0049	HH
O	VOC	1,2,4-Trichlorobenzene	120-82-1	--		5.6	--		5.6	--	--	--	--	--	--	--	1.2	--	0.27	0.27	M	0.27	M	0.27	--	0.27	Eco	5.6	HH
O	VOC	1,2,4-Trimethylbenzene	95-63-6	430		29	--		29	--	--	--	--	--	--	--	--	--	--	--	--	0.090	I	0.090	--	0.090	Eco	29	HH
O	VOC	1,2-Dibromo-3-chloropropane	96-12-8	--		0.0051	--		0.0051	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0051	HH	0.0051	HH
O	VOC	1,2-Dibromoethane (EDB)	106-93-4	0.16		0.035	--		0.035	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.035	HH	0.035	HH
O	VOC	1,2-Dichlorobenzene	95-50-1	2,200		173	--		173	--	--	--	--	--	--	--	--	--	0.92	0.92	M	0.090	I	0.92	--	0.92	Eco	173	HH
O	VOC	1,2-Dichloroethane (EDC)	107-06-2	3.6		0.44	--		0.44	--	--	--	--	--	--	--	--	0.85	27	0.85	B	0.40	I	0.85	--	0.44	HH	0.44	HH
O	VOC	1,2-Dichloroethene, total	540-59-0	--		--	--		--	--	--	--	--	--	--	--	--	--	24	24	M**	0.040	I	24	--	24	Eco	--	--
O	VOC	1,2-Dichloropropane	78-87-5	--		1.5	--		1.5	--	--	--	--	--	--	--	--	--	--	--	--	0.28	I	0.28	--	0.28	Eco	1.5	HH
O	VOC	1,3,5-Trimethylbenzene	108-67-8	430		26	--		26	--	--	--	--	--	--	--	--	--	--	--	--	0.16	I	0.16	--	0.16	Eco	26	HH
O	VOC	1,3-Dichlorobenzene	541-73-1	14	*	2.5	--	*	2.5	--	--	--	--	--	--	--	--	--	0.74	0.74	M	0.080	I	0.74	--	0.74	Eco	2.5	HH
O	VOC	1,3-Dichloropropane	142-28-9	--		154	--		154	--	--	--	--	--	--	--	--	--	--	--	--	0.28	I**	0.28	--	0.28	Eco	154	HH
O	VOC	1,3-Dichloropropene, total	542-75-6	--		1.728	--		1.7	--	--	--	--	--	--	--	--	--	--	--	--	0.0010	I	0.0010	--	0.0010	Eco	1.7	HH
O	VOC	1,4-Dichlorobenzene	106-46-7	14		2.5	--		2.5	--	--	--	--	--	--	--	1.2	--	0.89	0.89	M	0.88	M	0.89	--	0.89	Eco	2.5	HH
O	VOC	2,2-Dichloropropane	594-20-7	--		1.5	--	*	1.5	--	--	--	--	--	--	--	--	--	--	--	--	0.28	I**	0.28	--	0.28	Eco	1.5	HH
O	VOC	2-Butanone (MEK)	78-93-3	--		2,592	--		2,592	--	--	--	--	--	--	--	--	--	350	350	M	1.0	I	350	--	350	Eco	2,592	HH
O	VOC	2-Chlorotoluene	95-49-8	--		154	--		154	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	154	HH	154	HH
O	VOC	2-Hexanone	591-78-6	--		19	--		19	--	--	--	--	--	--	--	--	0.36	5.4	0.36	B	0.36	B	0.36	--	0.36	Eco	19	HH
O	VOC	3-Chloro-1-propene	107-05-1	--		0.1632	--		0.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.16	HH	0.16	HH
O	VOC	4-Chlorotoluene	106-43-4	--		154	--		154	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	154	HH	154	HH
O	VOC	4-Isopropyltoluene	99-87-6	3,500	*	182	--	*	182	--	--	--	--	--	--	--	--	--	--	--	--	0.18	I	0.18	--	0.18	Eco	182	HH
O	VOC	4-Methyl-2-pentanone (MIBK)	108-10-1	--		3,168	--		3,168	--	--	--	--	--	--	--	--	--	--	9.7	M	--	--	9.7	--	9.7	Eco	3,168	HH
O	VOC	Acetone	67-64-1	--		6,720	--		6,720	--	--	--	--	--	--	--	--	7.5	1.2	1.2	M	1.2	M	1.2	--	1.2	Eco	6,720	HH
O	VOC	Acrylonitrile	107-13-1	0.86		0.24	--		0.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.24	HH	0.24	HH
O	VOC	Benzene	71-43-2	8.2		1.2	--		1.2	--	--	--	--	--	--	--	--	--	24	24	M	0.12	I	24	--	1.2	HH	1.2	HH
O	VOC	Bromobenzene	108-86-1	--		28	--		28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	28	HH	28	HH
O	VOC	Bromochloromethane	74-97-5	3.4	*	14	--		3.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.4	HH	3.4	HH
O	VOC	Bromodichloromethane	75-27-4	3.4		0.28	--		0.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.28	HH	0.28	HH
O	VOC	Bromoform	75-25-2	57		18	--		18	--	--	--	--	--	--	--	--	--	--	--	--	0.070	I	0.070	--	0.070	Eco	18	HH
O	VOC	Bromomethane	74-83-9	46		0.65	--		0.65	--	--	--	--	--	--	--	--	--	--	--	--	0.0020	I	0.0020	--	0.0020	Eco	0.65	HH
O	VOC	Carbon disulfide	75-15-0	--		74	--		74	--	--	--	--	--	--	--	--	--	0.81	0.81	M	0.0050	I	0.81	--	0.81	Eco	74	HH
O	VOC	Carbon tetrachloride	56-23-5	7.5		0.62	--		0.62	--	--	--	--	--	--	--	--	--	2	2	M	0.050	I	2.0	--	0.62	HH	0.62	HH
O	VOC	Chlorobenzene	108-90-7	530		27	--		27	--	--	--	--	--	--	--	2.4	--	43	2.4	I	2.4	I	2.4	--	2.4	Eco	27	HH
O	VOC	Chloroethane	75-00-3	160,000		518	--		518	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	518	HH	518	HH
O	VOC	Chloroform	67-66-3	5.8		0.31	--		0.31	--	--	--	--	--	--	--	--	--	8	8	M	0.050	I	8.0	--	0.31	HH	0.31	HH
O	VOC	Chloromethane	74-87-3	1,400		11	--		11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11	HH	11	HH
O	VOC	cis-1,2-Dichloroethene	156-59-2	160		6.0	--		6.0	--	--	--	--	--	--	--	--	--	24	24	M	0.040	I	24	--	6.0	HH	6.0	HH
O	VOC	cis-1,3-Dichloropropene	10061-01-5	--		1.7	--	*	1.7	--	--	--	--	--	--	--	--	--	--	--	--	0.0010	I	0.0010	--	0.0010	Eco	1.7	HH
O	VOC	Cyclohexane	110-82-7	--		624	--		624	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	624	HH	624	HH
O	VOC	Dibromochloromethane	124-48-1	3.7		8.0	--		3.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.7	HH	3.7	HH
O	VOC	Dibromomethane	74-95-3	--		2.3	--		2.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.3	HH	2.3	HH
O	VOC	Dichlorodifluoromethane	75-71-8	--		8.4	--		8.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8.4	HH	8.4	HH
O	VOC	Dichloromethane (methylene chloride)	75-09-2	76		34	--		34	--	--	--	--	--	--	1,600	--	--	2.6	2.6	M	0.21	I	2.6	--	2.6	Eco	34	HH
O	VOC	Ethyl ether	60-29-7	--		1,536	--		1,536	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,536	HH	1,536	HH
O	VOC	Ethyl methacrylate	97-63-2	--		172.8	--		173	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	173	HH	173	HH
O	VOC	Ethylbenzene	100-41-4	34		5.6	--		5.6	--	--	--	--	--	--	--	--	--	--	--	--	0.27	I	0.27	--	0.27	Eco	5.6	HH
O	VOC	Hexane	110-54-3	--		58.56	--		59	--	--	--	--	--	--	--	--	--	--	--	--	0.0070	I	0.0070	--	0.0070	Eco	59	HH
O	VOC	Iodomethane	74-88-4	--		--	--		--	--	--	--	--	--	--	--		0.038	--	0.038	B	--	--	0.038	--	0.038	Eco	--	--
O	VOC	Isopropylbenzene	98-82-8	3,500		182	--		182	--	--	--	--	--	--	--	--	--	--	--	--	0.040	--	0.040	--	0.040	Eco	182	HH
O	VOC	m,p-Xylenes	179601-23-1	1,400	*	53	--	*	53	--	--	--	--	--	--	100	--	41	1.4	1.4	M**	0.10	I**	1.4	--	1.4	Eco	53	HH
O	VOC	Methyl acetate	79-20-9	--		7,488	--		7,488	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7,488	HH	7,488	HH
O	VOC	Methyl tert-butyl ether	1634-04-4	--		45.12	--		45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	45	HH	45	HH
O	VOC	Methylcyclohexane	108-87-2	--		9.408	--		9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9	HH	9	HH
O	VOC	n-Butylbenzene	104-51-8	--		374	--		374	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	374	HH	374	HH
O	VOC	n-Propylbenzene	103-65-1	--		365	--		365	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	365	HH	365	HH

Table A-1. Screening Level Values for Soil

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Soil Screening Levels (mg/kg)						Candidate Ecological Soil Screening Levels (mg/kg)																			
				Oregon DEQ[a]		Modified Residential Soil [b]				EPA EcoSSLs[d]						Oregon DEQ Level II SLVs[e]						EPA Region 4 ESLs[f]				Soil SLV (0 to 1 and 0 to 3 feet bgs)[i]		Soil SLV (0 to 10 feet bgs)[j]	
Type	Chemical Group	Analyte	CAS No.	DEQ Soil Ingestion Residential	Notes	Modified Residential (Fishing	Modified Residential (Nursing	Notes	Selection of Human Health SLV[c]	Plant EcoSSL	Inverte-brate EcoSSL	Avian EcoSSL	Mammal EcoSSL	Minimum EcoSSL	Basis	Plant Level II SLV	Inverte-brate Level II	Avian Level II SLV	Mammal Level II SLV	Minimum DEQ Level II SLV	Basis	Minimum Region 4 ESL	Basis	Selection of Ecological SLV[g]	Site-Specific Reference UPL[h]	Minimum HH or Eco	Basis	HH	Basis
O	VOC	o-Xylene	95-47-6	1,400	*	61	--		61	--	--	--	--	--	--	100	--	41	1.4	1.4	M**	0.10	I**	1.4	--	1.4	Eco	61	HH
O	VOC	sec-Butylbenzene	135-98-8	--		749	--		749	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	749	HH	749	HH
O	VOC	Styrene	100-42-5	7,900		576	--		576	--	--	--	--	--	--	3.2	1.2	--	--	1.2	I	1.2	I	1.2	--	1.2	Eco	576	HH
O	VOC	tert-Butylbenzene	98-06-6	--		749	--		749	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	749	HH	749	HH
O	VOC	Tetrachloroethene (PCE)	127-18-4	220		7.8	--		7.8	--	--	--	--	--	--	10	--	--	0.18	0.18	M	0.060	I	0.18	--	0.18	Eco	7.8	HH
O	VOC	Tetrahydrofuran	109-99-9	--		1,728	--		1,728	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,728	HH	1,728	HH
O	VOC	Toluene	108-88-3	5,800		470	--		470	--	--	--	--	--	--	200	--	--	23	23	M	0.15	I	23	--	23	Eco	470	HH
O	VOC	Total BTEX	STL00431	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	VOC	trans-1,2-Dichloroethene	156-60-5	1,600		6.7	--		6.7	--	--	--	--	--	--	--	--	--	24	24	M	0.040	I	24	--	6.7	HH	6.7	HH
O	VOC	trans-1,3-Dichloropropene	10061-02-6	--		1.7	--	*	1.7	--	--	--	--	--	--	--	--	--	--	--	--	0.0010	I	0.0010	--	0.0010	Eco	1.7	HH
O	VOC	trans-1,4-Dichloro-2-butene	110-57-6	--		0.007104	--		0.0071	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.0071	HH	0.0071	HH
O	VOC	Trichloroethene (TCE)	79-01-6	6.7		0.39	--		0.39	--	--	--	--	--	--	--	--	--	42	42	M	0.060	I	42	--	0.39	HH	0.39	HH
O	VOC	Trichlorofluoromethane	75-69-4	7,600		2,208	--		2,208	--	--	--	--	--	--	--	--	--	52	52	M	16	M	52	--	52	Eco	2,208	HH
O	VOC	Trihalomethanes, total	STL00209	--		--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
O	VOC	Vinyl acetate	108-05-4	--		87	--		87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	87	HH	87	HH
O	VOC	Vinyl chloride	75-01-4	0.36		0.057	--		0.057	--	--	--	--	--	--	--	--	--	0.12	0.12	M	0.030	I	0.12	--	0.057	HH	0.057	HH

Notes:

[a] Oregon Department of Environmental Quality (DEQ). 2023. Human Health Risk-Based Concentrations (RBCs).

[b] U.S. Environmental Protection Agency (EPA). 2024. Regional Screening Levels (RSLs) based on HQ = 0.1.

- Residential RSLs modified (multiplied by 0.96) for fishing platform users to account for 365 days/year.
- Residential RSLs also modified for PCBs (Oregon DEQ 2010. Human Health Risk Assessment Guidance. Table 4. October.) to account for nursing infants by dividing by the Oregon DEQ Default Infant Risk Adjustment Factors (IRAFs) Equation: RSL /IRAF

[c] Human health soil screening level was selected using the following criteria:

- For all analytes except PCB Aroclors – Minimum of Oregon DEQ's residential RBC and the modified residential soil (fishing platform) level.
- For Total PCBs (as Aroclors) & individual Aroclors – Minimum of the modified residential soil (fishing platform) level and modified residential soil (nursing infant) level.

[d] U.S. Environmental Protection Agency (EPA). 2008. Ecological Soil Screening Levels (EcoSSLs). OSWER Directive 9285.7-55 as updated from 2003-2008. https://www.epa.gov/risk/ecological-soil-screening-level-eco-ssl-guidance-and-documents

[e] Oregon Department of Environmental Quality (DEQ). 2020. Conducting Ecological Risk Assessments. Land Quality Division, Cleanup Program. State of Oregon Department of Environmental Quality. September. https://www.oregon.gov/deq/hazards-and-cleanup/env-cleanup/pages/era.aspx

[f] U.S. Environmental Protection Agency Region 4 (EPA Region 4). 2018. EPA Region 4 Ecological Risk Assessment Supplemental Guidance (ERAGS). Originally published November 1995 and updated March 2018. Scientific Support Section, Superfund Division. https://www.epa.gov/risk/region-4-ecological-risk-assessment-supplemental-guidance.

[g] Ecological soil screening levels were selected using the following hierarchy:

1. EPA EcoSSLs
2. Minimum Oregon DEQ Level II SLV
3. EPA Region 4 Screening Level

[h] Regional background.

[i] Soil SLV for soils 0 to 1 foot bgs and 0 to 3 feet bgs was selected as the lower between the Human Health SLV (HH) and the Ecological SLV (Eco).

[j] Soil SLV for soils 0 to 10 feet bgs was selected as the Human Health SLV (HH).

Human Health Screening Level Value Notes:

* Surrogates for missing human health screening values were used as follows:

ODEQ RBCs:

1,4- Dichlorobenzene was used for 1,3- dichlorobenzene
Anthracene was used for phenanthrene
Benzo(k)fluoranthene was used for benzo(j,k)flouranthene
BHC (alpha) was used for BHC (beta) and BHC (delta)
Bromodichloromethane was used for bromochloromethane
Chlordane was used for alpha, gamma, and technical chlordane.
Chromium (VI) was used for chromium
Dimethyl phthalate was used for bis(2-ethylhexyl) phthalate
Endosulfan I and endosulfan II was used for endosulfan sulfate
Endrin was used for endrin aldehyde and endrin ketone
Isopropylbenzene was used for 4-Isopropyltoluene
Naphthalene was used for acenaphthylene
Pyrene was used for benzo(g,h,i)perylene
Xylenes was used for m,p-xylenes and o-xylene

EPA RSLs:

1,2- Dichloropropane was used for 2,2- dichloropropane
1,3-Dichloropropene was used for 1,1-dichloropropene, cis-1,3-dichloropropene, and trans-1,3-dichloropropene
2-Nitroaniline was used for 3-Nitroanaline
Anthracene was used for phenanthrene
Benzo(k)fluoranthene was used for benzo(j,k)flouranthene
BHC (alpha) was used for BHC (delta)
Bis(2-ethylhexyl)phthalate was used for dimethyl phthalate
Chromium (VI) was used for chromium
Dibenzofuran was used for carbazole
Dibutyltin compounds was used for dibutyltin
Endosulfan was used for endosulfan I and endosulfan II
Endrin was used for endrin aldehyde and endrin ketone
Isopropylbenzene (cumene) was used for 4-isopropyltoluene
Naphthalene was used for acenaphthylene
p-Cresol (4-methylphenol) was used for 3 & 4 methylphenol
Phenol was used for 2-nitrophenol and 4-nitrophenol
Pyrene was used for benzo(g,h,i)perylene
Tributyltin was used for monobutyltin and tetrabutyltin

Ecological Screening Level Value Notes:

B = bird
M = mammal
P = plant
I = invertebrate
pH = soil pH

** Surrogates for missing ecological screening values were used as follows:

1,2-Dichloropropane was used for 1,3-dichloropropane and 2,2-dichloropropane
1,3-Dichloropropene was used for 1,1-dichloropropene
2-Nitroaniline was used for 3-nitroaniline and 4-nitroaniline
4-Nitrophenol was used for 2-nitrophenol
BHC (beta) was used for BHC (delta)
BHC total mixed isomers used if no other BHC values available (ODEQ)
Chromium III or total chromium were used for chromium
DDT was used for DDD and DDE
Endosulfan used for Endosulfan I, Endosulfan II, and Endosulfan Sulfate
Endrin was used for endrin aldehyde and endrin ketone
gamma-Chlordane was used for technical chlordane and chlordane n.o.s.
p-Cresol (4-methylphenol) was used for 3 & 4 methylphenol
Sum of diesel and heavy oils was used for diesel- and residual-range organics
Total PAH-HMW was also used for individual high molecular weight PAHs
Total PAH-LMW was also used for individual low molecular PAHs
Total PCBs was used for Aroclor mixtures
Total xylene was used for m,p-xylenes and o-xylene

Table A-2. Screening Level Values for Groundwater

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Water Screening Level Values (µg/L)								
				EPA			Oregon DEQ					
Type	Chemical Group	Analyte	CAS No.	EPA Tapwater RSL[a]	EPA Commercial VISL[b]	Notes	DEQ GW Ingest Residential RBC[c]	DEQ GW Volatilize Outdoor Air Occupational RBC[c]	DEQ GW Excavation Construction RBC[c]	DEQ Chronic Commercial VISL[d]	Notes	Selection of Human Health SLV[e]
I	Metal	Aluminum (soluble)	7429-90-5	20,000	--		--	--	--	--		20,000
I	Metal	Antimony	7440-36-0	7.8	--		--	--	--	--		7.8
I	Metal	Arsenic	7440-38-2	0.052	--		0.052	--	6,300	--		6,300
I	Metal	Barium	7440-39-3	3,800	--		4,000	--	--	--		4,000
I	Metal	Beryllium	7440-41-7	25	--		40	--	270,000	--		270,000
I	Metal	Cadmium	7440-43-9	1.8	--	*	20	--	130,000	--		130,000
I	Metal	Calcium	7440-70-2	--	--		--	--	--	--		--
I	Metal	Chromium	7440-47-3	22,000	--	*	30,000	--	--	--	*	30,000
I	Metal	Cobalt	7440-48-4	6.0	--		--	--	--	--		6.0
I	Metal	Copper	7440-50-8	800	--		800	--	5,400,000	--		5,400,000
I	Metal	Iron	7439-89-6	14,000	--		--	--	--	--		14,000
I	Metal	Lead	7439-92-1	15	--		15	--	--	--		15
I	Metal	Magnesium	7439-95-4	--	--		--	--	--	--		--
I	Metal	Manganese	7439-96-5	430	--		480	--	3,200,000	--		3,200,000
I	Metal	Mercury	7439-97-6	0.63	3.7		6.0	--	--	11		11
I	Metal	Molybdenum	7439-98-7	100	--		--	--	--	--		100
I	Metal	Nickel	7440-02-0	390	--		400	--	--	--		400
I	Metal	Potassium	7440-09-7	--	--		--	--	--	--		--
I	Metal	Selenium	7782-49-2	100	--		--	--	--	--		100
I	Metal	Silver	7440-22-4	94	--		100	--	1,100,000	--		1,100,000
I	Metal	Sodium	7440-23-5	--	--		--	--	--	--		--
I	Metal	Thallium	7440-28-0	0.2	--		--	--	--	--		0.20
I	Metal	Vanadium	7440-62-2	86	--		--	--	--	--		86
I	Metal	Zinc	7440-66-6	6,000	--		--	--	--	--		6,000
IG	GenChem	Ammonia	7664-41-7	--	3,330,000		--	--	--	4,600,000		4,600,000
IG	GenChem	Bicarbonate as $CaCO_3$	71-52-3	--	--		--	--	--	--		--
IG	GenChem	Biological oxygen demand	BOD	--	--		--	--	--	--		--
IG	GenChem	Bromide	24959-67-9	--	--		--	--	--	--		--
IG	GenChem	Carbon, dissolved organic	DOC	--	--		--	--	--	--		--
IG	GenChem	Carbon, total organic	7440-44-0	--	--		--	--	--	--		--
IG	GenChem	Carbonate as $CaCO_3$	3812-32-6	--	--		--	--	--	--		--
IG	GenChem	Chemical oxygen demand	COD	--	--		--	--	--	--		--
IG	GenChem	Chloride	16887-00-6	--	--		--	--	--	--		--
IG	GenChem	Cyanide (hydrogen cyanide)	74-90-8	1.5	644		1.5	140,000	190	1,000		190
IG	GenChem	Fluoride	16984-48-8	800	--		--	--	--	--		800
IG	GenChem	Hardness (by calculation)	HARDNESS	--	--		--	--	--	--		--
IG	GenChem	Nitrate as nitrogen	14797-55-8	32,000	--		--	--	--	--		32,000
IG	GenChem	Nitrate+nitrite as nitrogen	NOx-N	--	--		--	--	--	--		--
IG	GenChem	Solids, total dissolved	TDS	--	--		--	--	--	--		--
IG	GenChem	Sulfate	14808-79-8	--	--		--	--	--	--		--
IG	GenChem	Total suspended solids	TSS	--	--		--	--	--	--		--
IG	GenChem	Turbidity	TURB	--	--		--	--	--	--		--
O	Butyltin	Dibutyltin	1002-53-5	6.0	--	*	--	--	--	--		6.0
O	Butyltin	Monobutyltin	78763-54-9	3.7	--	*	--	--	--	--		3.7
O	Butyltin	Tetrabutyltin	1461-25-2	3.7	--	*	--	--	--	--		3.7

Table A-2. Screening Level Values for Groundwater

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Water Screening Level Values (µg/L)								
				EPA			Oregon DEQ					
Type	Chemical Group	Analyte	CAS No.	EPA Tapwater RSL[a]	EPA Commercial VISL[b]	Notes	DEQ GW Ingest Residential RBC[c]	DEQ GW Volatilize Outdoor Air Occupational RBC[c]	DEQ GW Excavation Construction RBC[c]	DEQ Chronic Commercial VISL[d]	Notes	Selection of Human Health SLV[e]
O	Butyltin	Tributyltin	688-73-3	3.7	--		--	--	--	--		3.7
O	Herbicide	2,4,5-T	93-76-5	160	--		--	--	--	--		160
O	Herbicide	2,4,5-TP (Silvex)	93-72-1	110	--		--	--	--	--		110
O	Herbicide	2,4-D	94-75-7	170	--		170	--	77,000	--		77,000
O	Herbicide	2,4-DB	94-82-6	--	--		--	--	--	--		--
O	Herbicide	Dalapon	75-99-0	600	--		--	--	--	--		600
O	Herbicide	Dicamba	1918-00-9	570	--		--	--	--	--		570
O	Herbicide	Dichlorprop	120-36-5	--	--		--	--	--	--		--
O	Herbicide	Dinoseb	88-85-7	15	--		--	--	--	--		15
O	Herbicide	MCPA	94-74-6	7.5	--		7.4	--	1,700	--		1,700
O	Herbicide	MCPP	93-65-2	16	--		--	--	--	--		16
O	PAH	Total PAH		--	--		--	--	--	--		--
O	PAH-HMW	Benzo(a)anthracene	56-55-3	0.030	417		0.030	--	--	2,300		2,300
O	PAH-HMW	Benzo(a)pyrene	50-32-8	0.025	--		0.025	--	--	--		0.025
O	PAH-HMW	Benzo(b)fluoranthene	205-99-2	0.25	--		0.25	--	--	--		0.25
O	PAH-HMW	Benzo(g,h,i)perylene	191-24-2	120	--	*	--	--	--	--		120
O	PAH-HMW	Benzo(j,k)flouranthenes	205-82-3 and 207-08-9	--	--		--	--	--	--		--
O	PAH-HMW	Benzo(k)fluoranthene	207-08-9	2.5	--		--	--	--	--		2.5
O	PAH-HMW	Benzofluoranthenes, total	56832-73-6	--	--		--	--	--	--		--
O	PAH-HMW	Chrysene	218-01-9	25	--		--	--	--	--		25
O	PAH-HMW	Dibenz(a,h)anthracene	53-70-3	0.025	--		0.025	--	--	--		0.025
O	PAH-HMW	Fluoranthene	206-44-0	800	--		--	--	--	--		800
O	PAH-HMW	Indeno(1,2,3-cd)pyrene	193-39-5	0.25	--		--	--	--	--		0.25
O	PAH-HMW	Pyrene	129-00-0	120	--		110	--	--	--		110
O	PAH-HMW	Total HPAH		--	--		--	--	--	--		--
O	PAH-LMW	2-Methylnaphthalene	91-57-6	36	--		--	--	--	--		36
O	PAH-LMW	Acenaphthene	83-32-9	530	--		510	--	--	--		510
O	PAH-LMW	Acenaphthylene	208-96-8	0.12	20	*	--	--	--	50		50
O	PAH-LMW	Anthracene	120-12-7	1,800	--		--	--	--	--		1,800
O	PAH-LMW	Fluorene	86-73-7	290	--		280	--	--	--		280
O	PAH-LMW	Naphthalene	91-20-3	0.12	20		0.17	16,000	500	50		50
O	PAH-LMW	Phenanthrene	85-01-8	1,800	--	*	--	--	--	--		1,800
O	PAH-LMW	Total LPAH		--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	40186-72-9	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,4',5,5'-Octachlorobiphenyl	35694-08-7	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	52663-79-3	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,4',5,6'-Octachlorobiphenyl	42740-50-1	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,4',5,6-Octachlorobiphenyl	52663-78-2	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,4',5-Heptachlorobiphenyl	35065-30-6	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,4',6,6'-Octachlorobiphenyl	33091-17-7	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,4',6-Heptachlorobiphenyl	52663-71-5	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,4'-Hexachlorobiphenyl	38380-07-3	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	52663-77-1	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,5,5',6'-Octachlorobiphenyl	52663-75-9	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,5,5',6-Octachlorobiphenyl	68194-17-2	--	--		--	--	--	--		--

Table A-2. Screening Level Values for Groundwater

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Water Screening Level Values (µg/L)								
				EPA			Oregon DEQ					
Type	Chemical Group	Analyte	CAS No.	EPA Tapwater RSL[a]	EPA Commercial VISL[b]	Notes	DEQ GW Ingest Residential RBC[c]	DEQ GW Volatilize Outdoor Air Occupational RBC[c]	DEQ GW Excavation Construction RBC[c]	DEQ Chronic Commercial VISL[d]	Notes	Selection of Human Health SLV[e]
O	PCB	2,2',3,3',4,5,5'-Heptachlorobiphenyl	52663-74-8	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,5,6,6'-Octachlorobiphenyl	52663-73-7	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	40186-71-8	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,5,6'-Heptachlorobiphenyl	38411-25-5	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,5,6-Heptachlorobiphenyl	68194-16-1	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,5',6'-Heptachlorobiphenyl	52663-70-4	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,5'-Hexachlorobiphenyl	52663-66-8	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,5-Hexachlorobiphenyl	55215-18-4	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,6,6'-Heptachlorobiphenyl	52663-65-7	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,6'-Hexachlorobiphenyl	38380-05-1	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4,6-Hexachlorobiphenyl	61798-70-7	--	--		--	--	--	--		--
O	PCB	2,2',3,3',4-Pentachlorobiphenyl	52663-62-4	--	--		--	--	--	--		--
O	PCB	2,2',3,3',5,5',6,6'-Octachlorobiphenyl	2136-99-4	--	--		--	--	--	--		--
O	PCB	2,2',3,3',5,5',6-Heptachlorobiphenyl	52663-67-9	--	--		--	--	--	--		--
O	PCB	2,2',3,3',5,5'-Hexachlorobiphenyl	35694-04-3	--	--		--	--	--	--		--
O	PCB	2,2',3,3',5,6,6'-Heptachlorobiphenyl	52663-64-6	--	--		--	--	--	--		--
O	PCB	2,2',3,3',5,6'-Hexachlorobiphenyl	52744-13-5	--	--		--	--	--	--		--
O	PCB	2,2',3,3',5,6-Hexachlorobiphenyl	52704-70-8	--	--		--	--	--	--		--
O	PCB	2,2',3,3',5-Pentachlorobiphenyl	60145-20-2	--	--		--	--	--	--		--
O	PCB	2,2',3,3',6,6'-Hexachlorobiphenyl	38411-22-2	--	--		--	--	--	--		--
O	PCB	2,2',3,3',6-Pentachlorobiphenyl	52663-60-2	--	--		--	--	--	--		--
O	PCB	2,2',3,3'-Tetrachlorobiphenyl	38444-93-8	--	--		--	--	--	--		--
O	PCB	2,2',3,4,4',5,5',6-Octachlorobiphenyl	52663-76-0	--	--		--	--	--	--		--
O	PCB	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065-29-3	--	--		--	--	--	--		--
O	PCB	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	74472-52-9	--	--		--	--	--	--		--
O	PCB	2,2',3,4,4',5,6'-Heptachlorobiphenyl	60145-23-5	--	--		--	--	--	--		--
O	PCB	2,2',3,4,4',5,6-Heptachlorobiphenyl	74472-47-2	--	--		--	--	--	--		--
O	PCB	2,2',3,4,4',5',6-Heptachlorobiphenyl	52663-69-1	--	--		--	--	--	--		--
O	PCB	2,2',3,4,4',5'-Hexachlorobiphenyl	35065-28-2	--	--		--	--	--	--		--
O	PCB	2,2',3,4,4',5-Hexachlorobiphenyl	35694-06-5	--	--		--	--	--	--		--
O	PCB	2,2',3,4,4',6,6'-Heptachlorobiphenyl	74472-48-3	--	--		--	--	--	--		--
O	PCB	2,2',3,4,4',6'-Hexachlorobiphenyl	59291-64-4	--	--		--	--	--	--		--
O	PCB	2,2',3,4,4',6-Hexachlorobiphenyl	56030-56-9	--	--		--	--	--	--		--
O	PCB	2,2',3,4,4'-Pentachlorobiphenyl	65510-45-4	--	--		--	--	--	--		--
O	PCB	2,2',3,4,5,5',6-Heptachlorobiphenyl	52712-05-7	--	--		--	--	--	--		--
O	PCB	2,2',3,4',5,5',6-Heptachlorobiphenyl	52663-68-0	--	--		--	--	--	--		--
O	PCB	2,2',3,4,5,5'-Hexachlorobiphenyl	52712-04-6	--	--		--	--	--	--		--
O	PCB	2,2',3,4',5,5'-Hexachlorobiphenyl	51908-16-8	--	--		--	--	--	--		--
O	PCB	2,2',3,4,5,6,6'-Heptachlorobiphenyl	74472-49-4	--	--		--	--	--	--		--
O	PCB	2,2',3,4',5,6,6'-Heptachlorobiphenyl	74487-85-7	--	--		--	--	--	--		--
O	PCB	2,2',3,4,5,6'-Hexachlorobiphenyl	68194-15-0	--	--		--	--	--	--		--
O	PCB	2,2',3,4,5,6-Hexachlorobiphenyl	41411-61-4	--	--		--	--	--	--		--
O	PCB	2,2',3,4,5',6-Hexachlorobiphenyl	68194-14-9	--	--		--	--	--	--		--
O	PCB	2,2',3,4',5,6'-Hexachlorobiphenyl	74472-41-6	--	--		--	--	--	--		--

Table A-2. Screening Level Values for Groundwater

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Water Screening Level Values (µg/L)								
				EPA			Oregon DEQ					
Type	Chemical Group	Analyte	CAS No.	EPA Tapwater RSL[a]	EPA Commercial VISL[b]	Notes	DEQ GW Ingest Residential RBC[c]	DEQ GW Volatilize Outdoor Air Occupational RBC[c]	DEQ GW Excavation Construction RBC[c]	DEQ Chronic Commercial VISL[d]	Notes	Selection of Human Health SLV[e]
O	PCB	2,2',3,4',5,6-Hexachlorobiphenyl	68194-13-8	--	--		--	--	--	--		--
O	PCB	2,2',3,4',5',6-Hexachlorobiphenyl	38380-04-0	--	--		--	--	--	--		--
O	PCB	2,2',3,4,5'-Pentachlorobiphenyl	38380-02-8	--	--		--	--	--	--		--
O	PCB	2,2',3,4,5-Pentachlorobiphenyl	55312-69-1	--	--		--	--	--	--		--
O	PCB	2,2',3,4',5'-Pentachlorobiphenyl	41464-51-1	--	--		--	--	--	--		--
O	PCB	2,2',3,4',5-Pentachlorobiphenyl	68194-07-0	--	--		--	--	--	--		--
O	PCB	2,2',3,4,6,6'-Hexachlorobiphenyl	74472-40-5	--	--		--	--	--	--		--
O	PCB	2,2',3,4',6,6'-Hexachlorobiphenyl	68194-08-1	--	--		--	--	--	--		--
O	PCB	2,2',3,4,6'-Pentachlorobiphenyl	73575-57-2	--	--		--	--	--	--		--
O	PCB	2,2',3,4,6-Pentachlorobiphenyl	55215-17-3	--	--		--	--	--	--		--
O	PCB	2,2',3,4',6'-Pentachlorobiphenyl	60233-25-2	--	--		--	--	--	--		--
O	PCB	2,2',3,4',6-Pentachlorobiphenyl	68194-05-8	--	--		--	--	--	--		--
O	PCB	2,2',3,4'-Tetrachlorobiphenyl	36559-22-5	--	--		--	--	--	--		--
O	PCB	2,2',3,4-Tetrachlorobiphenyl	52663-59-9	--	--		--	--	--	--		--
O	PCB	2,2',3,5,5',6-Hexachlorobiphenyl	52663-63-5	--	--		--	--	--	--		--
O	PCB	2,2',3,5,5'-Pentachlorobiphenyl	52663-61-3	--	--		--	--	--	--		--
O	PCB	2,2',3,5,6,6'-Hexachlorobiphenyl	68194-09-2	--	--		--	--	--	--		--
O	PCB	2,2',3,5,6'-Pentachlorobiphenyl	73575-55-0	--	--		--	--	--	--		--
O	PCB	2,2',3,5,6-Pentachlorobiphenyl	73575-56-1	--	--		--	--	--	--		--
O	PCB	2,2',3,5',6-Pentachlorobiphenyl	38379-99-6	--	--		--	--	--	--		--
O	PCB	2,2',3,5'-Tetrachlorobiphenyl	41464-39-5	--	--		--	--	--	--		--
O	PCB	2,2',3,5-Tetrachlorobiphenyl	70362-46-8	--	--		--	--	--	--		--
O	PCB	2,2',3,6,6'-Pentachlorobiphenyl	73575-54-9	--	--		--	--	--	--		--
O	PCB	2,2',3,6'-Tetrachlorobiphenyl	41464-47-5	--	--		--	--	--	--		--
O	PCB	2,2',3,6-Tetrachlorobiphenyl	70362-45-7	--	--		--	--	--	--		--
O	PCB	2,2',3-Trichlorobiphenyl	38444-78-9	--	--		--	--	--	--		--
O	PCB	2,2',4,4',5,5'-Hexachlorobiphenyl	35065-27-1	--	--		--	--	--	--		--
O	PCB	2,2',4,4',5,6'-Hexachlorobiphenyl	60145-22-4	--	--		--	--	--	--		--
O	PCB	2,2',4,4',5-Pentachlorobiphenyl	38380-01-7	--	--		--	--	--	--		--
O	PCB	2,2',4,4',6,6'-Hexachlorobiphenyl	33979-03-2	--	--		--	--	--	--		--
O	PCB	2,2',4,4',6-Pentachlorobiphenyl	39485-83-1	--	--		--	--	--	--		--
O	PCB	2,2',4,4'-Tetrachlorobiphenyl	2437-79-8	--	--		--	--	--	--		--
O	PCB	2,2',4,5,5'-Pentachlorobiphenyl	37680-73-2	--	--		--	--	--	--		--
O	PCB	2,2',4,5,6'-Pentachlorobiphenyl	68194-06-9	--	--		--	--	--	--		--
O	PCB	2,2',4,5',6-Pentachlorobiphenyl	60145-21-3	--	--		--	--	--	--		--
O	PCB	2,2',4,5'-Tetrachlorobiphenyl	41464-40-8	--	--		--	--	--	--		--
O	PCB	2,2',4,5-Tetrachlorobiphenyl	70362-47-9	--	--		--	--	--	--		--
O	PCB	2,2',4,6,6'-Pentachlorobiphenyl	56558-16-8	--	--		--	--	--	--		--
O	PCB	2,2',4,6'-Tetrachlorobiphenyl	68194-04-7	--	--		--	--	--	--		--
O	PCB	2,2',4,6-Tetrachlorobiphenyl	62796-65-0	--	--		--	--	--	--		--
O	PCB	2,2',4-Trichlorobiphenyl	37680-66-3	--	--		--	--	--	--		--
O	PCB	2,2',5,5'-Tetrachlorobiphenyl	35693-99-3	--	--		--	--	--	--		--
O	PCB	2,2',5,6'-Tetrachlorobiphenyl	41464-41-9	--	--		--	--	--	--		--
O	PCB	2,2',5-Trichlorobiphenyl	37680-65-2	--	--		--	--	--	--		--
O	PCB	2,2',6,6'-Tetrachlorobiphenyl	15968-05-5	--	--		--	--	--	--		--

Table A-2. Screening Level Values for Groundwater

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Water Screening Level Values (µg/L)								
				EPA			Oregon DEQ					
Type	Chemical Group	Analyte	CAS No.	EPA Tapwater RSL[a]	EPA Commercial VISL[b]	Notes	DEQ GW Ingest Residential RBC[c]	DEQ GW Volatilize Outdoor Air Occupational RBC[c]	DEQ GW Excavation Construction RBC[c]	DEQ Chronic Commercial VISL[d]	Notes	Selection of Human Health SLV[e]
O	PCB	2,2',6-Trichlorobiphenyl	38444-73-4	--	--		--	--	--	--		--
O	PCB	2,2'-Dichlorobiphenyl	13029-08-8	--	--		--	--	--	--		--
O	PCB	2,3,3',4,4',5,5',6-Octachlorobiphenyl	74472-53-0	--	--		--	--	--	--		--
O	PCB	2,3,3',4,4',5,5'-Heptachlorobiphenyl	39635-31-9	0.0040	5.2		--	--	--	5.2		5.2
O	PCB	2,3,3',4,4',5,6-Heptachlorobiphenyl	41411-64-7	--	--		--	--	--	--		--
O	PCB	2,3,3',4,4',5',6-Heptachlorobiphenyl	74472-50-7	--	--		--	--	--	--		--
O	PCB	2,3,3',4,4',5'-Hexachlorobiphenyl	69782-90-7	0.0040	1.6		--	--	--	1.6		1.6
O	PCB	2,3,3',4,4',5-Hexachlorobiphenyl	38380-08-4	0.0040	1.8		--	--	--	7.0		7.0
O	PCB	2,3,3',4,4',6-Hexachlorobiphenyl	74472-42-7	--	--		--	--	--	--		--
O	PCB	2,3,3',4,4'-Pentachlorobiphenyl	32598-14-4	0.0040	0.93		--	--	--	3.5		3.5
O	PCB	2,3,3',4,5,5',6-Heptachlorobiphenyl	74472-51-8	--	--		--	--	--	--		--
O	PCB	2,3,3',4',5,5',6-Heptachlorobiphenyl	69782-91-8	--	--		--	--	--	--		--
O	PCB	2,3,3',4,5,5'-Hexachlorobiphenyl	39635-35-3	--	--		--	--	--	--		--
O	PCB	2,3,3',4',5,5'-Hexachlorobiphenyl	39635-34-2	--	--		--	--	--	--		--
O	PCB	2,3,3',4,5,6-Hexachlorobiphenyl	41411-62-5	--	--		--	--	--	--		--
O	PCB	2,3,3',4,5',6-Hexachlorobiphenyl	74472-43-8	--	--		--	--	--	--		--
O	PCB	2,3,3',4',5,6-Hexachlorobiphenyl	74472-44-9	--	--		--	--	--	--		--
O	PCB	2,3,3',4',5',6-Hexachlorobiphenyl	74472-45-0	--	--		--	--	--	--		--
O	PCB	2,3,3',4,5'-Pentachlorobiphenyl	70362-41-3	--	--		--	--	--	--		--
O	PCB	2,3,3',4,5-Pentachlorobiphenyl	70424-69-0	--	--		--	--	--	--		--
O	PCB	2,3,3',4',5'-Pentachlorobiphenyl	76842-07-4	--	--		--	--	--	--		--
O	PCB	2,3,3',4',5-Pentachlorobiphenyl	70424-68-9	--	--		--	--	--	--		--
O	PCB	2,3,3',4,6-Pentachlorobiphenyl	74472-35-8	--	--		--	--	--	--		--
O	PCB	2,3,3',4',6-Pentachlorobiphenyl	38380-03-9	--	--		--	--	--	--		--
O	PCB	2,3,3',4'-Tetrachlorobiphenyl	41464-43-1	--	--		--	--	--	--		--
O	PCB	2,3,3',4-Tetrachlorobiphenyl	74338-24-2	--	--		--	--	--	--		--
O	PCB	2,3,3',5,5',6-Hexachlorobiphenyl	74472-46-1	--	--		--	--	--	--		--
O	PCB	2,3,3',5,5'-Pentachlorobiphenyl	39635-32-0	--	--		--	--	--	--		--
O	PCB	2,3,3',5,6-Pentachlorobiphenyl	74472-36-9	--	--		--	--	--	--		--
O	PCB	2,3,3',5',6-Pentachlorobiphenyl	68194-10-5	--	--		--	--	--	--		--
O	PCB	2,3,3',5'-Tetrachlorobiphenyl	41464-49-7	--	--		--	--	--	--		--
O	PCB	2,3,3',5-Tetrachlorobiphenyl	70424-67-8	--	--		--	--	--	--		--
O	PCB	2,3,3',6-Tetrachlorobiphenyl	74472-33-6	--	--		--	--	--	--		--
O	PCB	2,3,3'-Trichlorobiphenyl	38444-84-7	--	--		--	--	--	--		--
O	PCB	2,3',4,4',5,5'-Hexachlorobiphenyl	52663-72-6	0.0040	3.8		--	--	--	3.8		3.8
O	PCB	2,3,4,4',5,6-Hexachlorobiphenyl	41411-63-6	--	--		--	--	--	--		--
O	PCB	2,3',4,4',5',6-Hexachlorobiphenyl	59291-65-5	--	--		--	--	--	--		--
O	PCB	2,3,4,4',5-Pentachlorobiphenyl	74472-37-0	0.0040	2.9		--	--	--	2.9		2.9
O	PCB	2,3',4,4',5'-Pentachlorobiphenyl	65510-44-3	0.0040	1.4		--	--	--	1.4		1.4
O	PCB	2,3',4,4',5-Pentachlorobiphenyl	31508-00-6	0.0040	0.91		--	--	--	3.5		3.5
O	PCB	2,3,4,4',6-Pentachlorobiphenyl	74472-38-1	--	--		--	--	--	--		--
O	PCB	2,3',4,4',6-Pentachlorobiphenyl	56558-17-9	--	--		--	--	--	--		--
O	PCB	2,3,4,4'-Tetrachlorobiphenyl	33025-41-1	--	--		--	--	--	--		--
O	PCB	2,3',4,4'-Tetrachlorobiphenyl	32598-10-0	--	--		--	--	--	--		--
O	PCB	2,3',4,5,5'-Pentachlorobiphenyl	68194-12-7	--	--		--	--	--	--		--

Table A-2. Screening Level Values for Groundwater

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Water Screening Level Values (µg/L)								
				EPA			Oregon DEQ					
Type	Chemical Group	Analyte	CAS No.	EPA Tapwater RSL[a]	EPA Commercial VISL[b]	Notes	DEQ GW Ingest Residential RBC[c]	DEQ GW Volatilize Outdoor Air Occupational RBC[c]	DEQ GW Excavation Construction RBC[c]	DEQ Chronic Commercial VISL[d]	Notes	Selection of Human Health SLV[e]
O	PCB	2,3',4',5,5'-Pentachlorobiphenyl	70424-70-3	--	--		--	--	--	--		--
O	PCB	2,3,4,5,6-Pentachlorobiphenyl	18259-05-7	--	--		--	--	--	--		--
O	PCB	2,3,4',5,6-Pentachlorobiphenyl	68194-11-6	--	--		--	--	--	--		--
O	PCB	2,3',4,5',6-Pentachlorobiphenyl	56558-18-0	--	--		--	--	--	--		--
O	PCB	2,3',4',5',6-Pentachlorobiphenyl	74472-39-2	--	--		--	--	--	--		--
O	PCB	2,3,4,5-Tetrachlorobiphenyl	33284-53-6	--	--		--	--	--	--		--
O	PCB	2,3,4',5-Tetrachlorobiphenyl	74472-34-7	--	--		--	--	--	--		--
O	PCB	2,3',4,5'-Tetrachlorobiphenyl	73575-52-7	--	--		--	--	--	--		--
O	PCB	2,3',4,5-Tetrachlorobiphenyl	73575-53-8	--	--		--	--	--	--		--
O	PCB	2,3',4',5'-Tetrachlorobiphenyl	70362-48-0	--	--		--	--	--	--		--
O	PCB	2,3',4',5-Tetrachlorobiphenyl	32598-11-1	--	--		--	--	--	--		--
O	PCB	2,3,4,6-Tetrachlorobiphenyl	54230-22-7	--	--		--	--	--	--		--
O	PCB	2,3,4',6-Tetrachlorobiphenyl	52663-58-8	--	--		--	--	--	--		--
O	PCB	2,3',4,6-Tetrachlorobiphenyl	60233-24-1	--	--		--	--	--	--		--
O	PCB	2,3',4',6-Tetrachlorobiphenyl	41464-46-4	--	--		--	--	--	--		--
O	PCB	2,3,4'-Trichlorobiphenyl	38444-85-8	--	--		--	--	--	--		--
O	PCB	2,3,4-Trichlorobiphenyl	55702-46-0	--	--		--	--	--	--		--
O	PCB	2,3',4'-Trichlorobiphenyl	38444-86-9	--	--		--	--	--	--		--
O	PCB	2,3',4-Trichlorobiphenyl	55712-37-3	--	--		--	--	--	--		--
O	PCB	2,3',5,5'-Tetrachlorobiphenyl	41464-42-0	--	--		--	--	--	--		--
O	PCB	2,3,5,6-Tetrachlorobiphenyl	33284-54-7	--	--		--	--	--	--		--
O	PCB	2,3',5',6-Tetrachlorobiphenyl	74338-23-1	--	--		--	--	--	--		--
O	PCB	2,3,5-Trichlorobiphenyl	55720-44-0	--	--		--	--	--	--		--
O	PCB	2,3',5'-Trichlorobiphenyl	37680-68-5	--	--		--	--	--	--		--
O	PCB	2,3',5-Trichlorobiphenyl	38444-81-4	--	--		--	--	--	--		--
O	PCB	2,3,6-Trichlorobiphenyl	55702-45-9	--	--		--	--	--	--		--
O	PCB	2,3',6-Trichlorobiphenyl	38444-76-7	--	--		--	--	--	--		--
O	PCB	2,3'-Dichlorobiphenyl	25569-80-6	--	--		--	--	--	--		--
O	PCB	2,3-Dichlorobiphenyl	16605-91-7	--	--		--	--	--	--		--
O	PCB	2,4,4',5-Tetrachlorobiphenyl	32690-93-0	--	--		--	--	--	--		--
O	PCB	2,4,4',6-Tetrachlorobiphenyl	32598-12-2	--	--		--	--	--	--		--
O	PCB	2,4,4'-Trichlorobiphenyl	7012-37-5	--	--		--	--	--	--		--
O	PCB	2,4,5-Trichlorobiphenyl	15862-07-4	--	--		--	--	--	--		--
O	PCB	2,4',5-Trichlorobiphenyl	16606-02-3	--	--		--	--	--	--		--
O	PCB	2,4,6-Trichlorobiphenyl	35693-92-6	--	--		--	--	--	--		--
O	PCB	2,4',6-Trichlorobiphenyl	38444-77-8	--	--		--	--	--	--		--
O	PCB	2,4'-Dichlorobiphenyl	34883-43-7	--	--		--	--	--	--		--
O	PCB	2,4-Dichlorobiphenyl	33284-50-3	--	--		--	--	--	--		--
O	PCB	2,5-Dichlorobiphenyl	34883-39-1	--	--		--	--	--	--		--
O	PCB	2,6-Dichlorobiphenyl	33146-45-1	--	--		--	--	--	--		--
O	PCB	2-Chlorobiphenyl	2051-60-7	--	--		--	--	--	--		--
O	PCB	3,3',4,4',5,5'-Hexachlorobiphenyl	32774-16-6	0.0000040	0.0038		--	--	--	0.015		0.015
O	PCB	3,3',4,4',5-Pentachlorobiphenyl	57465-28-8	0.0000012	0.00042		--	--	--	0.0016		0.0016
O	PCB	3,3',4,4'-Tetrachlorobiphenyl	32598-13-3	0.0060	--		--	--	--	--		0.0060
O	PCB	3,3',4,5,5'-Pentachlorobiphenyl	39635-33-1	--	--		--	--	--	--		--

Table A-2. Screening Level Values for Groundwater

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Water Screening Level Values (µg/L)								
				EPA			Oregon DEQ					
Type	Chemical Group	Analyte	CAS No.	EPA Tapwater RSL[a]	EPA Commercial VISL[b]	Notes	DEQ GW Ingest Residential RBC[c]	DEQ GW Volatilize Outdoor Air Occupational RBC[c]	DEQ GW Excavation Construction RBC[c]	DEQ Chronic Commercial VISL[d]	Notes	Selection of Human Health SLV[e]
O	PCB	3,3',4,5'-Tetrachlorobiphenyl	41464-48-6	--	--		--	--	--	--		--
O	PCB	3,3',4,5-Tetrachlorobiphenyl	70362-49-1	--	--		--	--	--	--		--
O	PCB	3,3',4-Trichlorobiphenyl	37680-69-6	--	--		--	--	--	--		--
O	PCB	3,3',5,5'-Tetrachlorobiphenyl	33284-52-5	--	--		--	--	--	--		--
O	PCB	3,3',5-Trichlorobiphenyl	38444-87-0	--	--		--	--	--	--		--
O	PCB	3,3'-Dichlorobiphenyl	2050-67-1	--	--		--	--	--	--		--
O	PCB	3,4,4',5-Tetrachlorobiphenyl	70362-50-4	0.00040	0.12		--	--	--	0.12		0.12
O	PCB	3,4,4'-Trichlorobiphenyl	38444-90-5	--	--		--	--	--	--		--
O	PCB	3,4,5-Trichlorobiphenyl	53555-66-1	--	--		--	--	--	--		--
O	PCB	3,4',5-Trichlorobiphenyl	38444-88-1	--	--		--	--	--	--		--
O	PCB	3,4'-Dichlorobiphenyl	2974-90-5	--	--		--	--	--	--		--
O	PCB	3,4-Dichlorobiphenyl	2974-92-7	--	--		--	--	--	--		--
O	PCB	3,5-Dichlorobiphenyl	34883-41-5	--	--		--	--	--	--		--
O	PCB	3-Chlorobiphenyl	2051-61-8	--	--		--	--	--	--		--
O	PCB	4,4'-Dichlorobiphenyl	2050-68-2	--	--		--	--	--	--		--
O	PCB	4-Chlorobiphenyl	2051-62-9	--	--		--	--	--	--		--
O	PCB	Aroclor 1016	12674-11-2	0.22	75		--	--	--	75		75
O	PCB	Aroclor 1221	11104-28-2	0.0047	2.3		--	--	--	2.3		2.3
O	PCB	Aroclor 1232	11141-16-5	0.0047	0.71		--	--	--	0.71		0.71
O	PCB	Aroclor 1242	53469-21-9	0.0078	1.5		--	--	--	5.8		5.8
O	PCB	Aroclor 1248	12672-29-6	0.0078	1.2		--	--	--	1.2		1.2
O	PCB	Aroclor 1254	11097-69-1	0.0078	1.9		--	--	--	7.2		7.2
O	PCB	Aroclor 1260	11096-82-5	0.0078	1.6		--	--	--	1.6		1.6
O	PCB	Decachlorobiphenyl	2051-24-3	--	--		--	--	--	--		--
O	PCB	Total PCBs	1336-36-3	0.044	7.2	*	0.0060	--	30	1.3		1.3
O	Pesticide	4,4'-DDD	72-54-8	0.032	--		0.031	--	3.2	--		3.2
O	Pesticide	4,4'-DDE	72-55-9	0.046	74		0.046	--	--	310		310
O	Pesticide	4,4'-DDT	50-29-3	0.23	--		0.23	--	--	--		0.23
O	Pesticide	Aldrin	309-00-2	0.00092	1.4		0.00092	--	3.5	35		3.5
O	Pesticide	BHC (alpha)	319-84-6	0.0072	--		0.0075	--	18	--		18
O	Pesticide	BHC (beta)	319-85-7	0.025	--		--	--	--	--		0.025
O	Pesticide	BHC (delta)	319-86-8	0.0072	--	*	--	--	--	--		0.0072
O	Pesticide	BHC (gamma) Lindane	58-89-9	0.042	--		0.043	--	100	--		100
O	Pesticide	Chlordane (alpha)	5103-71-9	3.6	--		0.45	--	--	--	*	0.45
O	Pesticide	Chlordane (gamma)	5103-74-2	10	--		0.45	--	--	--	*	0.45
O	Pesticide	Chlordane (technical)	12789-03-6	0.020	62		0.045	--	--	670	*	670
O	Pesticide	Dieldrin	60-57-1	0.0018	--		0.0017	--	2.4	--		2.4
O	Pesticide	Endosulfan I	959-98-8	100	--	*	98	--	--	--		98
O	Pesticide	Endosulfan II	33213-65-9	100	--	*	98	--	--	--		98
O	Pesticide	Endosulfan sulfate	1031-07-8	110	--		98	--	--	--	*	98
O	Pesticide	Endrin	72-20-8	2.3	--		1.9	--	170	--		170
O	Pesticide	Endrin aldehyde	7421-93-4	2.3	--	*	1.9	--	170	--	*	170
O	Pesticide	Endrin ketone	53494-70-5	2.3	--	*	1.9	--	170	--	*	170
O	Pesticide	Heptachlor	76-44-8	0.0014	0.79		0.0014	--	1.8	2.6		1.8
O	Pesticide	Heptachlor epoxide	1024-57-3	0.0014	5.5		0.0014	--	3.2	25		3.2

Table A-2. Screening Level Values for Groundwater

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Water Screening Level Values (µg/L)								
				EPA			Oregon DEQ					
Type	Chemical Group	Analyte	CAS No.	EPA Tapwater RSL[a]	EPA Commercial VISL[b]	Notes	DEQ GW Ingest Residential RBC[c]	DEQ GW Volatilize Outdoor Air Occupational RBC[c]	DEQ GW Excavation Construction RBC[c]	DEQ Chronic Commercial VISL[d]	Notes	Selection of Human Health SLV[e]
O	Pesticide	Methoxychlor	72-43-5	37	--		--	--	--	--		37
O	Pesticide	Toxaphene	8001-35-2	0.071	--		0.015	--	18	--		18
O	SVOC	1,2,4,5-Tetrachlorobenzene	95-94-3	0.17	--		--	--	--	--		0.17
O	SVOC	1,2-Diphenylhydrazine	122-66-7	0.078	--		--	--	--	--		0.078
O	SVOC	1-Methylnaphthalene	90-12-0	0.0063	0.63		--	--	--	--		0.63
O	SVOC	2,2'-oxybis(1-chloropropane)	108-60-1	710	--		--	--	--	--		710
O	SVOC	2,4,5-Trichlorophenol	95-95-4	1,200	--		--	--	--	--		1,200
O	SVOC	2,4,6-Trichlorophenol	88-06-2	4.1	--		4.4	--	1,700	--		1,700
O	SVOC	2,4-Dichlorophenol	120-83-2	46	--		--	--	--	--		46
O	SVOC	2,4-Dimethylphenol	105-67-9	360	--		--	--	--	--		360
O	SVOC	2,4-Dinitrophenol	51-28-5	39	--		--	--	--	--		39
O	SVOC	2,4-Dinitrotoluene	121-14-2	0.24	--		--	--	--	--		0.24
O	SVOC	2,6-Dichlorophenol	87-65-0	--	--		--	--	--	--		--
O	SVOC	2,6-Dinitrotoluene	606-20-2	0.049	--		0.049	--	830	--		830
O	SVOC	2-Chloronaphthalene	91-58-7	750	--		--	--	--	--		750
O	SVOC	2-Chlorophenol	95-57-8	91	--		--	--	--	--		91
O	SVOC	2-Methylphenol	95-48-7	930	--		--	--	--	--		930
O	SVOC	2-Nitroaniline	88-74-4	190	--		--	--	--	--		190
O	SVOC	2-Nitrophenol	88-75-5	5,800	--	*	--	--	--	--		5,800
O	SVOC	3 & 4 Methylphenol	15831-10-4	370	--	*	--	--	--	--		370
O	SVOC	3,3'-Dichlorobenzidine	91-94-1	0.13	--		0.17	--	--	--		0.17
O	SVOC	3-Nitroaniline	99-09-2	190	--	*	--	--	--	--		190
O	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	1.5	--		--	--	--	--		1.5
O	SVOC	4-Bromophenyl phenyl ether	101-55-3	--	--		--	--	--	--		--
O	SVOC	4-Chloro-3-methylphenol	59-50-7	1,400	--		--	--	--	--		1,400
O	SVOC	4-Chloroaniline	106-47-8	0.37	--		--	--	--	--		0.37
O	SVOC	4-Chlorophenyl phenyl ether	7005-72-3	--	--		--	--	--	--		--
O	SVOC	4-Nitroaniline	100-01-6	3.8	--		--	--	--	--		3.8
O	SVOC	4-Nitrophenol	100-02-7	5,800	--	*	--	--	--	--		5,800
O	SVOC	Aniline	62-53-3	13	--		--	--	--	--		13
O	SVOC	Benzidine	92-87-5	0.00011	--		0.00011	--	17	--		17
O	SVOC	Benzoic acid	65-85-0	75,000	--		--	--	--	--		75,000
O	SVOC	Benzyl alcohol	100-51-6	2,000	--		--	--	--	--		2,000
O	SVOC	Bis(2-chloroethoxy)methane	111-91-1	59	--		--	--	--	--		59
O	SVOC	Bis(2-chloroethyl) ether	111-44-4	0.014	54		--	--	--	140		140
O	SVOC	Bis(2-chloroisopropyl) ether	39638-32-9 or 108-60-1	710	--		--	--	--	--		710
O	SVOC	Bis(2-ethylhexyl) phthalate	117-81-7	5.6	--		5.6	--	--	--		5.6
O	SVOC	Butyl Benzyl phthalate	85-68-7	16	--		--	--	--	--		16
O	SVOC	Carbazole	86-74-8	7.9	--	*	--	--	--	--		7.9
O	SVOC	Dibenzofuran	132-64-9	7.9	--		--	--	--	--		7.9
O	SVOC	Diethyl phthalate	84-66-2	15,000	--		--	--	--	--		15,000
O	SVOC	Dimethyl phthalate	131-11-3	15,000	--	*	--	--	--	--		15,000
O	SVOC	Di-n-butyl phthalate	84-74-2	900	--		--	--	--	--		900
O	SVOC	Di-n-octyl phthalate	117-84-0	200	--		--	--	--	--		200
O	SVOC	Hexachlorobenzene	118-74-1	0.0098	0.38		0.0098	--	--	1.3		1.3

Table A-2. Screening Level Values for Groundwater

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Water Screening Level Values (µg/L)								
				EPA			Oregon DEQ					
Type	Chemical Group	Analyte	CAS No.	EPA Tapwater RSL[a]	EPA Commercial VISL[b]	Notes	DEQ GW Ingest Residential RBC[c]	DEQ GW Volatilize Outdoor Air Occupational RBC[c]	DEQ GW Excavation Construction RBC[c]	DEQ Chronic Commercial VISL[d]	Notes	Selection of Human Health SLV[e]
O	SVOC	Hexachlorobutadiene	87-68-3	0.14	1.3		--	--	--	3.3		3.3
O	SVOC	Hexachlorocyclopentadiene	77-47-4	0.41	0.79		--	--	--	48		48
O	SVOC	Hexachloroethane	67-72-1	0.33	7.0		0.34	22,000	700	7.0		7.0
O	SVOC	Isophorone	78-59-1	78	--		--	--	--	--		78
O	SVOC	Nitrobenzene	98-95-3	0.14	312		--	--	--	800		800
O	SVOC	n-Nitrosodimethylamine	62-75-9	0.00011	12		--	--	--	25		25
O	SVOC	n-Nitrosodi-n-propylamine	621-64-7	0.011	--		0.011	--	370	--		370
O	SVOC	n-Nitrosodiphenylamine	86-30-6	12	--		--	--	--	--		12
O	SVOC	n-Nitrosopyrrolidine	930-55-2	0.037	--		--	--	--	--		0.037
O	SVOC	p-Cresol (4-methylphenol)	106-44-5	370	--		--	--	--	--		370
O	SVOC	Pentachlorophenol	87-86-5	0.041	--		0.044	--	53	--		53
O	SVOC	Phenol	108-95-2	5,800	--		--	--	--	--		5,800
O	TPH	Diesel-range organics	68334-30-5	--	--		100	--	--	--		100
O	TPH	Gasoline-range organics	8006-61-9	--	--		110	--	14,000	--		14,000
O	TPH	ORO (C20-C38)	STL02073	--	--		--	--	--	--		--
O	TPH	Residual-range organics	RRO	--	--		300	--	--	--		300
O	VOC	1,1,1,2-Tetrachloroethane	630-20-6	0.57	16		--	--	--	36		36
O	VOC	1,1,1-Trichloroethane (TCA)	71-55-6	8,000	31,100		8,000	--	1,100,000	53,000		53,000
O	VOC	1,1,2,2-Tetrachloroethane	79-34-5	0.076	14		--	--	--	30		30
O	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10,000	1,020		--	--	--	1,600		1,600
O	VOC	1,1,2-Trichloroethane	79-00-5	0.28	23		0.28	21,000	49	44		44
O	VOC	1,1-Dichloroethane	75-34-3	2.8	33		2.8	68,000	10,000	55		55
O	VOC	1,1-Dichloroethene	75-35-4	280	821		280	2,400,000	44,000	1,300		1,300
O	VOC	1,1-Dichloropropene	563-58-6	0.47	21	*	--	--	--	40		40
O	VOC	1,2,3-Trichlorobenzene	87-61-6	7.0	--		--	--	--	--		7.0
O	VOC	1,2,3-Trichloropropane	96-18-4	0.00075	94		--	--	--	200		200
O	VOC	1,2,4-Trichlorobenzene	120-82-1	1.2	151		--	--	--	380		380
O	VOC	1,2,4-Trimethylbenzene	95-63-6	56	1,040		54	--	6,300	2,400		2,400
O	VOC	1,2-Dibromo-3-chloropropane	96-12-8	0.00033	0.34		--	--	--	0.81		0.81
O	VOC	1,2-Dibromoethane (EDB)	106-93-4	0.0075	0.77		0.0075	790	27	1.5		1.5
O	VOC	1,2-Dichlorobenzene	95-50-1	300	11,200		300	--	37,000	25,000		25,000
O	VOC	1,2-Dichloroethane (EDC)	107-06-2	0.17	9.8		0.17	9,000	630	18		18
O	VOC	1,2-Dichloroethene, total	540-59-0	--	--		--	--	--	--		--
O	VOC	1,2-Dichloropropane	78-87-5	0.85	29		--	--	--	52		52
O	VOC	1,3,5-Trimethylbenzene	108-67-8	60	733		59	--	7,500	1,700		1,700
O	VOC	1,3-Dichlorobenzene	541-73-1	0.48	11	*	0.48	21,000	1,500	25	*	25
O	VOC	1,3-Dichloropropane	142-28-9	370	--		--	--	--	--		370
O	VOC	1,3-Dichloropropene, total	542-75-6	0.47	21		--	--	--	40		40
O	VOC	1,4-Dichlorobenzene	106-46-7	0.48	11		0.48	21,000	1,500	25		25
O	VOC	2,2-Dichloropropane	594-20-7	0.85	29	*	--	--	--	52		52
O	VOC	2-Butanone (MEK)	78-93-3	5,600	9,410,000		--	--	--	17,000,000		17,000,000
O	VOC	2-Chloroethylvinylether	110-75-8	--	--		--	--	--	--		--
O	VOC	2-Chlorotoluene	95-49-8	240	--		--	--	--	--		240
O	VOC	2-Hexanone	591-78-6	38	34,500		--	--	--	72,000		72,000
O	VOC	3-Chloro-1-propene	107-05-1	0.73	4.6		--	--	--	7.5		7.5

Table A-2. Screening Level Values for Groundwater

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Water Screening Level Values (µg/L)								
				EPA			Oregon DEQ					
Type	Chemical Group	Analyte	CAS No.	EPA Tapwater RSL[a]	EPA Commercial VISL[b]	Notes	DEQ GW Ingest Residential RBC[c]	DEQ GW Volatilize Outdoor Air Occupational RBC[c]	DEQ GW Excavation Construction RBC[c]	DEQ Chronic Commercial VISL[d]	Notes	Selection of Human Health SLV[e]
O	VOC	4-Chlorotoluene	106-43-4	250	--		--	--	--	--		250
O	VOC	4-Isopropyltoluene	99-87-6	450	3,730	*	--	--	--	9,100		9,100
O	VOC	4-Methyl-2-pentanone (MIBK)	108-10-1	6,300	2,330,000		--	--	--	4,600,000		4,600,000
O	VOC	Acetone	67-64-1	18,000	--		--	--	--	--		18,000
O	VOC	Acrylonitrile	107-13-1	0.052	32		0.052	9,800	250	58		58
O	VOC	Benzene	71-43-2	0.46	6.9		0.46	14,000	1,800	12		12
O	VOC	Bromobenzene	108-86-1	62	2,600		--	--	--	6,300		6,300
O	VOC	Bromochloromethane	74-97-5	83	2,940		0.13	6,000	450	5,000	*	450
O	VOC	Bromodichloromethane	75-27-4	0.13	3.8		0.13	6,000	450	6.9		6.9
O	VOC	Bromoform	75-25-2	3.3	510		3.3	550,000	14,000	1,100		1,100
O	VOC	Bromomethane	74-83-9	7.5	73		7.5	130,000	1,200	110		110
O	VOC	Carbon disulfide	75-15-0	810	5,210		--	--	--	8,200		8,200
O	VOC	Carbon tetrachloride	56-23-5	0.46	1.8		0.46	7,700	1,800	3.1		3.1
O	VOC	Chlorobenzene	108-90-7	78	1,720		77	--	10,000	3,400		3,400
O	VOC	Chloroethane	75-00-3	8,300	38,600		21,000	--	2,400,000	57,000		57,000
O	VOC	Chloroform	67-66-3	0.22	3.6		0.22	6,300	720	5.9		5.9
O	VOC	Chloromethane	74-87-3	190	1,090		190	1,800,000	22,000	1,500		1,500
O	VOC	cis-1,2-Dichloroethene	156-59-2	25	1,050		36	--	18,000	1,800		1,800
O	VOC	cis-1,3-Dichloropropene	10061-01-5	0.47	21	*	--	--	--	40		40
O	VOC	Cyclohexane	110-82-7	13,000	4,290		--	--	--	7,400		7,400
O	VOC	Dibromochloromethane	124-48-1	0.87	--		0.17	17,000	610	--		610
O	VOC	Dibromomethane	74-95-3	8.3	521		--	--	--	950		950
O	VOC	Dichlorodifluoromethane	75-71-8	200	31		--	--	--	41		41
O	VOC	Dichloromethane (methylene chloride)	75-09-2	11	9,230		11	13,000,000	79,000	15,000		15,000
O	VOC	Ethyl ether	60-29-7	3,900	--		--	--	--	--		3,900
O	VOC	Ethyl methacrylate	97-63-2	630	56,100		--	--	--	140,000		140,000
O	VOC	Ethylbenzene	100-41-4	1.5	15		1.5	43,000	4,500	31		31
O	VOC	Hexane	110-54-3	1,500	42		--	--	--	71		71
O	VOC	Iodomethane	74-88-4	--	--		--	--	--	--		--
O	VOC	Isopropylbenzene	98-82-8	450	3,730		440	--	51,000	9,100		9,100
O	VOC	m,p-Xylenes	179601-23-1	190	1,490	*	190	--	23,000	3,000	*	3,000
O	VOC	Methyl acetate	79-20-9	20,000	--		--	--	--	--		20,000
O	VOC	Methyl tert-butyl ether	1634-04-4	14	1,970		--	--	--	3,200		3,200
O	VOC	Methylcyclohexane	108-87-2	200	24		--	--	--	43		43
O	VOC	n-Butylbenzene	104-51-8	1,000	--		--	--	--	--		1,000
O	VOC	n-Propylbenzene	103-65-1	660	10,200		--	--	--	22,000		22,000
O	VOC	o-Xylene	95-47-6	190	2,070		190	--	23,000	4,300	*	4,300
O	VOC	sec-Butylbenzene	135-98-8	2,000	--		--	--	--	--		2,000
O	VOC	Styrene	100-42-5	1,200	39,000		1,200	--	170,000	84,000		84,000
O	VOC	tert-Butylbenzene	98-06-6	690	--		--	--	--	--		690
O	VOC	Tetrachloroethene (PCE)	127-18-4	11	65		12	--	5,600	130		130
O	VOC	Tetrahydrofuran	109-99-9	3,400	3,040,000		--	--	--	5,200,000		5,200,000
O	VOC	Toluene	108-88-3	1,100	80,700		1,100	--	220,000	150,000		150,000
O	VOC	Total BTEX	STL00431	--	--		--	--	--	--		--
O	VOC	trans-1,2-Dichloroethene	156-60-5	68	457		360	--	180,000	750		750

Table A-2. Screening Level Values for Groundwater

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Water Screening Level Values (µg/L)								
				EPA			Oregon DEQ					
Type	Chemical Group	Analyte	CAS No.	EPA Tapwater RSL[a]	EPA Commercial VISL[b]	Notes	DEQ GW Ingest Residential RBC[c]	DEQ GW Volatilize Outdoor Air Occupational RBC[c]	DEQ GW Excavation Construction RBC[c]	DEQ Chronic Commercial VISL[d]	Notes	Selection of Human Health SLV[e]
O	VOC	trans-1,3-Dichloropropene	10061-02-6	0.47	21	*	--	--	--	40		40
O	VOC	trans-1,4-Dichloro-2-butene	110-57-6	0.0013	0.11		--	--	--	0.23		0.23
O	VOC	Trichloroethylene (TCE)	79-01-6	0.49	7.4		0.49	20,000	430	13		13
O	VOC	Trichlorofluoromethane	75-69-4	5,200	--		1,100	--	160,000	--		160,000
O	VOC	Trihalomethanes, total	STL00209	--	--		--	--	--	--		--
O	VOC	Vinyl acetate	108-05-4	410	41,900		--	--	--	80,000		80,000
O	VOC	Vinyl chloride	75-01-4	0.019	2.5		0.027	5,900	960	3.3		3.3

[a] U.S. Environmental Protection Agency (EPA). 2024. Tapwater Regional Screening Level. May.
[b] U.S. Environmental Protection Agency (EPA). 2024. Commercial Vapor Intrusion Screening Levels (VISL). November. Accessed online in May 2024.
[c] DEQ. 2023. Risk-Based Concentrations for Individual Chemicals. August.
[d] DEQ. 2024. Chronic and Acute Vapor Intrusion Risk-Based Concentrations. March.
[e] Human Health groundwater screening level for direct contact was selected using the following hierarchy:

- The minimum of DEQ Volatilize Outdoor Air Occupational RBC, DEQ GW Excavation Construction RBC, and DEQ Chronic Commercial VISL
- The minimum of DEQ GW Ingest Residential RBC and EPA Commercial VISL
- EPA Tapwater RSL

Notes:

Human Health Screening Levels correspond to a target risk of 1E-06 for carcinogens and target hazard quotient of 1.0 for non-carcinogens for the selected receptor and pathway.

-- = No benchmark available or available benchmark not needed, based on hierarchy of sources
µg/L = microgram(s) per liter
DEQ = Oregon Department of Environmental Quality
EPA = U.S. Environmental Protection Agency
GW = groundwater
PAH = polycyclic aromatic hydrocarbon
RBC = risk-based concentration
RI = Remedial Investigation
RSL = Regional Screening Level
SLV = screening level value

* Surrogates for missing human health screening values were used as follows:

ODEQ RBCs:

1,4-Dichlorobenzene was used for 1,3-dichlorobenzene (DEQ GW)
Chlordane was used for chlordane (alpha), chlordane (gamma), and chlordane (technical)
Endrin was used for endrin aldehyde and endrin ketone
Endosulfan I and Endosulfan II was used for Endosulfan Sulfate
Xylenes was used for m,p-xylenes and o-xylene
Bromodichloromethane was used for bromochloromethane
Chromium (III) was used for chromium

EPA Tapwater RSLs/Commercial VISLs:

1,2-Dichloropropane was used for 2,2-dichloropropane
1,3-Dichloropropene was used for cis-1,3-dichloropropene and trans-1,3-dichloropropene
1,4-Dichlorobenzene was used for 1,3-dichlorobenzene
2-Nitroaniline was used for 3-nitroaniline
BHC (alpha) was used for BHC (delta)
Cadmium (water) was used
Chromium (III) was used for chromium
Isopropylbenzene (cumene) was used for 4-isopropyltoluene
m-Xylenes was used for m,p-xylenes
Naphthalene was used for acenaphthylene
Phenol was used for 2-nitrophenol and 4-nitrophenol
Polychlorinated biphenyls (low risk) was used for total PCBs

EPA Tapwater RSLs:

Anthracene was used for phenanthrene
Dibenzofuran was used for carbazole
Dibutyltin compounds was used for dibutyltin
Diethyl phthalate was used for dimethyl phthalate
Endosulfan was used for endosulfan I and endosulfan II
Endrin was used for endrin aldehyde and endrin ketone
p-Cresol (4-methylphenol) was used for 3 & 4 methylphenol
Pyrene was used for benzo(g,h,i)perylene
Tributyltin was used for monobutyltin and tetrabutyltin

Table A-3. Screening Level Values for Seeps

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Water Screening Level Values for Direct Contact (µg/L)					Candidate Human Health Water Screening Level Values for Discharge to Surface Water/Bioaccumulation (µg/L)						Candidate Ecological Surface Water Screening Level Values (µg/L)										Surface Water SLV[m]	
				EPA[a]		Oregon DEQ[b,c]			EPA[d]			Oregon DEQ[e]			EPA[g]		Oregon DEQ[h,i,j]					EPA Region 4[k]				
Type	Chemical Group	Analyte	CAS No.	EPA Tapwater RSL	Notes	DEQ GW Ingest Residential RBC[b]	DEQ MCL[c]	Notes	EPA NRWQC (Water + Organism)	EPA NRWQC (Organism Only)	Notes	DEQ Table 40 WQC (Water+ Organism)	DEQ Table 40 WQC (Organism Only)	Notes	Selection of Human Health SLV[f]	Aquatic Chronic NRWQC	Notes	DEQ Freshwater WQC (Table 30-31)[h]	DEQ Level II Aquatic SLV[i]	DEQ Level II Bird SLV[j]	DEQ Level II Mammal SLV[j]	Notes	Freshwater Aquatic ESL	Notes	Selection of Ecological SLV[l]	Minimum HH or Eco	Basis
I	Metal	Molybdenum	7439-98-7	100		--	--		--	--		--	--		100	--		--	800	--	--		800		800	100	HH
I	Metal	Aluminum (soluble)	7429-90-5	20,000		--	--		--	--		--	--		20,000	380	pH/H/Don	--	320	450	8,600		87		380	380	Eco
I	Metal	Antimony	7440-36-0	7.8		--	6.0		5.6	640		5.1	64		5.6	--		1,600	190	21,000	690		190		190	5.6	HH
I	Metal	Arsenic	7440-38-2	0.052		0.052	10		0.018	0.14		2.1	1.0		0.018	150	D	150	150	380,000	560	D	150		150	0.018	HH
I	Metal	Barium	7440-39-3	3,800		4,000	2,000		1,000	--		--	--		1,000	--		--	220	220,000	6,100		220		220	220	Eco
I	Metal	Beryllium	7440-41-7	25		40	4.0		--	--		--	--		40	--		5.3	11	5,900	2,900		11		5.3	5.3	Eco
I	Metal	Cadmium	7440-43-9	1.8	*	20	5.0		--	--		--	--		20	0.72	D	0.25	0.094	7,100	4,800	D/H	0.79		0.72	0.72	Eco
I	Metal	Calcium	7440-70-2	--		--	--		--	--		--	--		--	--		--	120,000	--	--		--		120,000	120,000	Eco
I	Metal	Chromium	7440-47-3	22,000	*	30,000	100	*	--	--		--	--		30,000	74	D**	74	24	82	160,000	** D/H	86		74	74	Eco
I	Metal	Cobalt	7440-48-4	6.0		--	--		--	--		--	--		6.0	--		--	19	160	89		19		19	6.0	HH
I	Metal	Copper	7440-50-8	800		800	1,300		1,300	--		1,300	--		800	1.4	BLM -FCVo	1.4	1.4	50,000	22,000	D	9.3		1.4	1.4	Eco
I	Metal	Iron	7439-89-6	14,000		--	--		--	--		--	--		14,000	1,000		1,000	1,000	--	--		1,000		1,000	1,000	Eco
I	Metal	Lead	7439-92-1	15		15	15		--	--		--	--		15	2.5	D	2.5	0.54	78	4,300	D/H	3.2		2.5	2.5	Eco
I	Metal	Magnesium	7439-95-4	--		--	--		--	--		--	--		--	--		--	82,000	--	--		--		82,000	82,000	Eco
I	Metal	Manganese	7439-96-5	430		480	--		50	100		--	100		50	--		--	93	110,000	6,300		93		93	50	HH
I	Metal	Mercury	7439-97-6	0.63		6	2.0		--	--		--	--		6.0	0.77	D	0.012	0.012	1,000,000	140		0.77		0.77	0.77	Eco
I	Metal	Nickel	7440-02-0	390		400	--		610	4,600		140	170		400	52	D	52	16	1,400	890	D/H	52		52	52	Eco
I	Metal	Potassium	7440-09-7	--		--	--		--	--		--	--		--	--		--	53,000	--	--		--		53,000	53,000	Eco
I	Metal	Selenium	7782-49-2	100		--	50		170	4,200		120	420		100	3.1	D-loticp	4.6	4.6	4,500	110,000	D	5.0		3.1	3.1	Eco
I	Metal	Silver	7440-22-4	94		100	--		--	--		--	--		100	0.32	D, CMC/10	0.10	0.10	490,000	31	D	0.060		0.32	0.32	Eco
I	Metal	Sodium	7440-23-5	--		--	--		--	--		--	--		--	--		--	680,000	--	--		--		680,000	680,000	Eco
I	Metal	Thallium	7440-28-0	0.20		--	2.0		0.24	0.47		0.043	0.047		0.20	--		40	6	1,400	31		6.0		6.0	0.20	HH
I	Metal	Vanadium	7440-62-2	86		--	--		--	--		--	--		86	--		--	27	4,500	9,400		27		27	27	Eco
I	Metal	Zinc	7440-66-6	6,000		--	--		7,400	26,000		2,100	2,600		6,000	120	D	118	36	490,000	560,000	D/H	120		120	120	Eco
IG	GenChem	Ammonia	7664-41-7	--		--	--		--	--		--	--		--	--		--	1,900	--	--		--		1,900	1,900	Eco
IG	GenChem	Bicarbonate as $CaCO_3$	71-52-3	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
IG	GenChem	Biological oxygen demand	BOD	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
IG	GenChem	Bromide	24959-67-9	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
IG	GenChem	Carbon, dissolved organic	DOC	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
IG	GenChem	Carbon, total organic	7440-44-0	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
IG	GenChem	Carbonate as $CaCO_3$	3812-32-6	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
IG	GenChem	Chemical oxygen demand	COD	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
IG	GenChem	Chloride	16887-00-6	--		--	--		--	--		--	--		--	230,000		230,000	--	--	--		230,000		230,000	230,000	Eco
IG	GenChem	Cyanide (hydrogen cyanide)	74-90-8	1.5		1.5	200		4.0	400		130	130		1.5	5.2		5.2	5.2	--	--		5.2		5.2	1.5	HH
IG	GenChem	Fluoride	16984-48-8	800		--	4,000		--	--		--	--		800	--		--	--	--	--		2,700		2,700	800	HH
IG	GenChem	Hardness (by calculation)	HARDNESS	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
IG	GenChem	Nitrate as nitrogen	14797-55-8	32,000		--	10,000		--	--		10,000	--		10,000	--		--	--	--	--		--		--	10,000	HH
IG	GenChem	Nitrate+nitrite as nitrogen	NOx-N	--		--	10,000		--	--		--	--		10,000	--		--	--	--	--		--		--	10,000	HH
IG	GenChem	Solids, total dissolved	TDS	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
IG	GenChem	Sulfate	14808-79-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
IG	GenChem	Total suspended solids	TSS	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
IG	GenChem	Turbidity	TURB	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	Butyltin	Dibutyltin	1002-53-5	6.0	*	--	--		--	--		--	--		6.0	--		--	--	--	--		--		--	6.0	HH
O	Butyltin	Monobutyltin	78763-54-9	3.7	*	--	--		--	--		--	--		3.7	--		--	--	--	--		--		--	3.7	HH
O	Butyltin	Tetrabutyltin	1461-25-2	3.7	*	--	--		--	--		--	--		3.7	--		--	--	--	--		--		--	3.7	HH
O	Butyltin	Tributyltin	688-73-3	3.7		--	--		--	--		--	--		3.7	0.072		0.063	0.063	--	--		0.072		0.072	0.072	Eco
O	Herbicide	2,4,5-T	93-76-5	160		--	--		--	--		--	--		160	--		--	--	--	--		--		--	160	HH
O	Herbicide	2,4,5-TP (Silvex)	93-72-1	110		--	50		100	400		10	--		100	--		--	--	--	--		30		30	30	Eco
O	Herbicide	2,4-D	94-75-7	170		170	70		1,300	12,000		100	--		170	--		--	79	--	--		79		79	79	Eco
O	Herbicide	2,4-DB	94-82-6	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	Herbicide	Dalapon	75-99-0	600		--	200		--	--		--	--		600	--		--	--	--	--		--		--	600	HH
O	Herbicide	Dicamba	1918-00-9	570		--	--		--	--		--	--		570	--		--	15	--	--		15		15	15	Eco
O	Herbicide	Dichlorprop	120-36-5	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	Herbicide	Dinoseb	88-85-7	15		--	7.0		--	--		--	--		15	--		--	0.48	--	--		0.48		0.48	0.48	Eco
O	Herbicide	MCPA	94-74-6	7.5		7.4	--		--	--		--	--		7.4	--		--	2.6	--	--		2.6		2.6	2.6	Eco
O	Herbicide	MCPP	93-65-2	16		--	--		--	--		--	--		16	--		--	--	--	--		--		--	16	HH
O	PAH	Total PAH	--	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--

Table A-3. Screening Level Values for Seeps

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Water Screening Level Values for Direct Contact (µg/L)					Candidate Human Health Water Screening Level Values for Discharge to Surface Water/Bioaccumulation (µg/L)						Candidate Ecological Surface Water Screening Level Values (µg/L)										Surface Water SLV[m]	
				EPA[a]		Oregon DEQ[b,c]			EPA[d]			Oregon DEQ[e]				EPA[g]		Oregon DEQ[h,i,j]					EPA Region 4[k]			
Type	Chemical Group	Analyte	CAS No.	EPA Tapwater RSL	Notes	DEQ GW Ingest Residential RBC[b]	DEQ MCL[c]	Notes	EPA NRWQC (Water + Organism)	EPA NRWQC (Organism Only)	Notes	DEQ Table 40 WQC (Water+ Organism)	DEQ Table 40 WQC (Organism Only)	Notes	Selection of Human Health SLV[f]	Aquatic Chronic NRWQC	Notes	DEQ Freshwater WQC (Table 30-31)[h]	DEQ Level II Aquatic SLV[i]	DEQ Level II Bird SLV[j]	DEQ Level II Mammal SLV[j]	Notes	Freshwater Aquatic ESL	Notes	Selection of Ecological SLV[l]	Minimum HH or Eco	Basis
O	PAH-HMW	Benzo(a)anthracene	56-55-3	0.030		0.030	--		0.0012	0.0013		0.0013	0.0018		0.0012	--		--	4.7	--	760		4.7		4.7	0.0012	HH
O	PAH-HMW	Benzo(a)pyrene	50-32-8	0.025		0.025	0.20		0.00012	0.00013		0.0013	0.0018		0.00012	--		--	0.06	--	4,400		0.060		0.060	0.00012	HH
O	PAH-HMW	Benzo(b)fluoranthene	205-99-2	0.25		0.25	--		0.0012	0.0013		0.0013	0.0018		0.0012	--		--	2.6	--	17,000		2.6		2.6	0.0012	HH
O	PAH-HMW	Benzo(g,h,i)perylene	191-24-2	120	*	--	--		20	30	*	290	400	*	20	--		--	0.012	--	32,000		0.012		0.012	0.012	Eco
O	PAH-HMW	Benzo(j,k)flouranthenes	205-82-3 & 207-08-9	--		--	--		0.012	0.013	*	0.0013	0.0018	*	0.012	--		--	--	--	--		--		--	0.012	HH
O	PAH-HMW	Benzo(k)fluoranthene	207-08-9	2.5		--	--		0.012	0.013		0.0013	0.0018		0.012	--		--	0.06	--	32,000		0.060		0.060	0.012	HH
O	PAH-HMW	Benzofluoranthenes, total	56832-73-6	--		--	--		0.0012	0.0013	*	0.0013	0.0018	*	0.0012	--		--	--	--	--		--		--	0.0012	HH
O	PAH-HMW	Chrysene	218-01-9	25		--	--		0.12	0.13		0.0013	0.0018		0.12	--		--	4.7	--	760		4.7		4.7	0.12	HH
O	PAH-HMW	Dibenz(a,h)anthracene	53-70-3	0.025		0.025	--		0.00012	0.00013		0.0013	0.0018		0.00012	--		--	0.012	--	5,900		0.012		0.012	0.00012	HH
O	PAH-HMW	Fluoranthene	206-44-0	800		--	--		20	20		14	14		20	--		--	0.8	--	56,000		0.80		0.80	0.80	Eco
O	PAH-HMW	Indeno(1,2,3-cd)pyrene	193-39-5	0.25		--	--		0.0012	0.0013		0.0013	0.0018		0.0012	--		--	0.012	--	32,000		0.012		0.012	0.0012	HH
O	PAH-HMW	Pyrene	129-00-0	120		110	--		20	30		290	400		20	--		--	4.6	--	33,000		4.6		4.6	4.6	Eco
O	PAH-HMW	Total HPAH	--	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PAH-LMW	2-Methylnaphthalene	91-57-6	36		--	--		70	90	*	95	99	*	36	--		--	4.7	--	71,000		4.7		4.7	4.7	Eco
O	PAH-LMW	Acenaphthene	83-32-9	530		510	--		70	90		95	99		70	--		520	15	--	310,000		15		15	15	Eco
O	PAH-LMW	Acenaphthylene	208-96-8	0.12	*	--	--		70	90	*	95	99	*	0.12	--		--	13	--	310,000		13		13	0.12	HH
O	PAH-LMW	Anthracene	120-12-7	1,800		--	--		300	400		2,900	4,000		300	--		--	0.02	--	440,000		0.020		0.020	0.020	Eco
O	PAH-LMW	Fluorene	86-73-7	290		280	--		50	70		390	530		50	--		--	19	--	560,000		19		19	19	Eco
O	PAH-LMW	Naphthalene	91-20-3	0.12		0.17	--		300	400	*	2,900	4,000	*	0.17	--		620	21	57	2,200		21		21	0.17	HH
O	PAH-LMW	Phenanthrene	85-01-8	1,800	*	--	--		300	400	*	2,900	4,000	*	300	--		2.3	2.3	--	23,000		2.3		2.3	2.3	Eco
O	PAH-LMW	Total LPAH	--	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	40186-72-9	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,4',5,5'-Octachlorobiphenyl	35694-08-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	52663-79-3	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,4',5,6'-Octachlorobiphenyl	42740-50-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,4',5,6-Octachlorobiphenyl	52663-78-2	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,4',5-Heptachlorobiphenyl	35065-30-6	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,4',6,6'-Octachlorobiphenyl	33091-17-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,4',6-Heptachlorobiphenyl	52663-71-5	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,4'-Hexachlorobiphenyl	38380-07-3	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	52663-77-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,5,5',6'-Octachlorobiphenyl	52663-75-9	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,5,5',6-Octachlorobiphenyl	68194-17-2	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,5,5'-Heptachlorobiphenyl	52663-74-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,5,6,6'-Octachlorobiphenyl	52663-73-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	40186-71-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,5,6'-Heptachlorobiphenyl	38411-25-5	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,5,6-Heptachlorobiphenyl	68194-16-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,5',6'-Heptachlorobiphenyl	52663-70-4	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,5'-Hexachlorobiphenyl	52663-66-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,5-Hexachlorobiphenyl	55215-18-4	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,6,6'-Heptachlorobiphenyl	52663-65-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,6'-Hexachlorobiphenyl	38380-05-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4,6-Hexachlorobiphenyl	61798-70-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',4-Pentachlorobiphenyl	52663-62-4	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',5,5',6,6'-Octachlorobiphenyl	2136-99-4	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',5,5',6-Heptachlorobiphenyl	52663-67-9	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',5,5'-Hexachlorobiphenyl	35694-04-3	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',5,6,6'-Heptachlorobiphenyl	52663-64-6	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',5,6'-Hexachlorobiphenyl	52744-13-5	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',5,6-Hexachlorobiphenyl	52704-70-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',5-Pentachlorobiphenyl	60145-20-2	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',6,6'-Hexachlorobiphenyl	38411-22-2	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3',6-Pentachlorobiphenyl	52663-60-2	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,3'-Tetrachlorobiphenyl	38444-93-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4,4',5,5',6-Octachlorobiphenyl	52663-76-0	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--

Table A-3. Screening Level Values for Seeps

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Water Screening Level Values for Direct Contact (µg/L)					Candidate Human Health Water Screening Level Values for Discharge to Surface Water/Bioaccumulation (µg/L)						Candidate Ecological Surface Water Screening Level Values (µg/L)										Surface Water SLV[m]	
				EPA[a]		Oregon DEQ[b,c]			EPA[d]			Oregon DEQ[e]			EPA[g]		Oregon DEQ[h,i,j]					EPA Region 4[k]				
Type	Chemical Group	Analyte	CAS No.	EPA Tapwater RSL	Notes	DEQ GW Ingest Residential RBC[b]	DEQ MCL[c]	Notes	EPA NRWQC (Water + Organism)	EPA NRWQC (Organism Only)	Notes	DEQ Table 40 WQC (Water+ Organism)	DEQ Table 40 WQC (Organism Only)	Notes	Selection of Human Health SLV[f]	Aquatic Chronic NRWQC	Notes	DEQ Freshwater WQC (Table 30-31)[h]	DEQ Level II Aquatic SLV[i]	DEQ Level II Bird SLV[j]	DEQ Level II Mammal SLV[j]	Notes	Freshwater Aquatic ESL	Notes	Selection of Ecological SLV[l]	Minimum HH or Eco	Basis
O	PCB	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065-29-3	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	74472-52-9	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4,4',5,6'-Heptachlorobiphenyl	60145-23-5	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4,4',5,6-Heptachlorobiphenyl	74472-47-2	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4,4',5',6-Heptachlorobiphenyl	52663-69-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4,4',5'-Hexachlorobiphenyl	35065-28-2	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4,4',5-Hexachlorobiphenyl	35694-06-5	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4,4',6,6'-Heptachlorobiphenyl	74472-48-3	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4,4',6'-Hexachlorobiphenyl	59291-64-4	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4,4',6-Hexachlorobiphenyl	56030-56-9	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4,4'-Pentachlorobiphenyl	65510-45-4	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4,5,5',6-Heptachlorobiphenyl	52712-05-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4',5,5',6-Heptachlorobiphenyl	52663-68-0	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4,5,5'-Hexachlorobiphenyl	52712-04-6	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4',5,5'-Hexachlorobiphenyl	51908-16-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4,5,6,6'-Heptachlorobiphenyl	74472-49-4	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4',5,6,6'-Heptachlorobiphenyl	74487-85-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4,5,6'-Hexachlorobiphenyl	68194-15-0	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4,5,6-Hexachlorobiphenyl	41411-61-4	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4,5',6-Hexachlorobiphenyl	68194-14-9	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4',5,6'-Hexachlorobiphenyl	74472-41-6	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4',5,6-Hexachlorobiphenyl	68194-13-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4',5',6-Hexachlorobiphenyl	38380-04-0	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4,5'-Pentachlorobiphenyl	38380-02-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4,5-Pentachlorobiphenyl	55312-69-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4',5'-Pentachlorobiphenyl	41464-51-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4',5-Pentachlorobiphenyl	68194-07-0	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4,6,6'-Hexachlorobiphenyl	74472-40-5	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4',6,6'-Hexachlorobiphenyl	68194-08-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4,6'-Pentachlorobiphenyl	73575-57-2	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4,6-Pentachlorobiphenyl	55215-17-3	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4',6'-Pentachlorobiphenyl	60233-25-2	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4',6-Pentachlorobiphenyl	68194-05-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4'-Tetrachlorobiphenyl	36559-22-5	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,4-Tetrachlorobiphenyl	52663-59-9	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,5,5',6-Hexachlorobiphenyl	52663-63-5	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,5,5'-Pentachlorobiphenyl	52663-61-3	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,5,6,6'-Hexachlorobiphenyl	68194-09-2	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,5,6'-Pentachlorobiphenyl	73575-55-0	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,5,6-Pentachlorobiphenyl	73575-56-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,5',6-Pentachlorobiphenyl	38379-99-6	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,5'-Tetrachlorobiphenyl	41464-39-5	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,5-Tetrachlorobiphenyl	70362-46-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,6,6'-Pentachlorobiphenyl	73575-54-9	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,6'-Tetrachlorobiphenyl	41464-47-5	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3,6-Tetrachlorobiphenyl	70362-45-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',3-Trichlorobiphenyl	38444-78-9	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',4,4',5,5'-Hexachlorobiphenyl	35065-27-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',4,4',5,6'-Hexachlorobiphenyl	60145-22-4	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',4,4',5-Pentachlorobiphenyl	38380-01-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',4,4',6,6'-Hexachlorobiphenyl	33979-03-2	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',4,4',6-Pentachlorobiphenyl	39485-83-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',4,4'-Tetrachlorobiphenyl	2437-79-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',4,5,5'-Pentachlorobiphenyl	37680-73-2	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',4,5,6'-Pentachlorobiphenyl	68194-06-9	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',4,5',6-Pentachlorobiphenyl	60145-21-3	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',4,5'-Tetrachlorobiphenyl	41464-40-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--

Table A-3. Screening Level Values for Seeps

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Water Screening Level Values for Direct Contact (µg/L)				Candidate Human Health Water Screening Level Values for Discharge to Surface Water/Bioaccumulation (µg/L)						Candidate Ecological Surface Water Screening Level Values (µg/L)									Surface Water SLV[m]	
				EPA[a]		Oregon DEQ[b,c]			EPA[d]		Oregon DEQ[e]			EPA[g]		Oregon DEQ[h,i,j]					EPA Region 4[k]			
Type	Chemical Group	Analyte	CAS No.	EPA Tapwater RSL	Notes	DEQ GW Ingest Residential RBC[b]	DEQ MCL[c]	Notes	EPA NRWQC (Water + Organism)	EPA NRWQC (Organism Only)	Notes	DEQ Table 40 WQC (Water+ Organism)	DEQ Table 40 WQC (Organism Only)	Notes	Selection of Human Health SLV[f]	Aquatic Chronic NRWQC	Notes	DEQ Freshwater WQC (Table 30-31)[h]	DEQ Level II Aquatic SLV[i]	DEQ Level II Bird SLV[j]	DEQ Level II Mammal SLV[j]	Notes	Freshwater Aquatic ESL	Notes	Selection of Ecological SLV[l]	Minimum HH or Eco	Basis
O	PCB	2,2',4,5-Tetrachlorobiphenyl	70362-47-9	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',4,6,6'-Pentachlorobiphenyl	56558-16-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',4,6'-Tetrachlorobiphenyl	68194-04-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',4,6-Tetrachlorobiphenyl	62796-65-0	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',4-Trichlorobiphenyl	37680-66-3	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',5,5'-Tetrachlorobiphenyl	35693-99-3	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',5,6'-Tetrachlorobiphenyl	41464-41-9	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',5-Trichlorobiphenyl	37680-65-2	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',6,6'-Tetrachlorobiphenyl	15968-05-5	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2',6-Trichlorobiphenyl	38444-73-4	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,2'-Dichlorobiphenyl	13029-08-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',4,4',5,5',6-Octachlorobiphenyl	74472-53-0	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',4,4',5,5'-Heptachlorobiphenyl	39635-31-9	0.0040		--	--		--	--		--	--		0.0040	--		--	--	--	--		--		--	0.0040	HH
O	PCB	2,3,3',4,4',5,6-Heptachlorobiphenyl	41411-64-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',4,4',5',6-Heptachlorobiphenyl	74472-50-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',4,4',5'-Hexachlorobiphenyl	69782-90-7	0.0040		--	--		--	--		--	--		0.0040	--		--	--	--	--		--		--	0.0040	HH
O	PCB	2,3,3',4,4',5-Hexachlorobiphenyl	38380-08-4	0.0040		--	--		--	--		--	--		0.0040	--		--	--	--	--		--		--	0.0040	HH
O	PCB	2,3,3',4,4',6-Hexachlorobiphenyl	74472-42-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',4,4'-Pentachlorobiphenyl	32598-14-4	0.0040		--	--		--	--		--	--		0.0040	--		--	--	--	--		--		--	0.0040	HH
O	PCB	2,3,3',4,5,5',6-Heptachlorobiphenyl	74472-51-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',4',5,5',6-Heptachlorobiphenyl	69782-91-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',4,5,5'-Hexachlorobiphenyl	39635-35-3	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',4',5,5'-Hexachlorobiphenyl	39635-34-2	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',4,5,6-Hexachlorobiphenyl	41411-62-5	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',4,5',6-Hexachlorobiphenyl	74472-43-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',4',5,6-Hexachlorobiphenyl	74472-44-9	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',4',5',6-Hexachlorobiphenyl	74472-45-0	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',4,5'-Pentachlorobiphenyl	70362-41-3	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',4,5-Pentachlorobiphenyl	70424-69-0	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',4',5'-Pentachlorobiphenyl	76842-07-4	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',4',5-Pentachlorobiphenyl	70424-68-9	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',4,6-Pentachlorobiphenyl	74472-35-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',4',6-Pentachlorobiphenyl	38380-03-9	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',4'-Tetrachlorobiphenyl	41464-43-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',4-Tetrachlorobiphenyl	74338-24-2	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',5,5',6-Hexachlorobiphenyl	74472-46-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',5,5'-Pentachlorobiphenyl	39635-32-0	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',5,6-Pentachlorobiphenyl	74472-36-9	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',5',6-Pentachlorobiphenyl	68194-10-5	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',5'-Tetrachlorobiphenyl	41464-49-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',5-Tetrachlorobiphenyl	70424-67-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3',6-Tetrachlorobiphenyl	74472-33-6	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,3'-Trichlorobiphenyl	38444-84-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3',4,4',5,5'-Hexachlorobiphenyl	52663-72-6	0.0040		--	--		--	--		--	--		0.0040	--		--	--	--	--		--		--	0.0040	HH
O	PCB	2,3,4,4',5,6-Hexachlorobiphenyl	41411-63-6	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3',4,4',5',6-Hexachlorobiphenyl	59291-65-5	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,4,4',5-Pentachlorobiphenyl	74472-37-0	0.0040		--	--		--	--		--	--		0.0040	--		--	--	--	--		--		--	0.0040	HH
O	PCB	2,3',4,4',5'-Pentachlorobiphenyl	65510-44-3	0.0040		--	--		--	--		--	--		0.0040	--		--	--	--	--		--		--	0.0040	HH
O	PCB	2,3',4,4',5-Pentachlorobiphenyl	31508-00-6	0.0040		--	--		--	--		--	--		0.0040	--		--	--	--	--		--		--	0.0040	HH
O	PCB	2,3,4,4',6-Pentachlorobiphenyl	74472-38-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3',4,4',6-Pentachlorobiphenyl	56558-17-9	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,4,4'-Tetrachlorobiphenyl	33025-41-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3',4,4'-Tetrachlorobiphenyl	32598-10-0	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3',4,5,5'-Pentachlorobiphenyl	68194-12-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3',4',5,5'-Pentachlorobiphenyl	70424-70-3	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,4,5,6-Pentachlorobiphenyl	18259-05-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,4',5,6-Pentachlorobiphenyl	68194-11-6	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--

Table A-3. Screening Level Values for Seeps

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Water Screening Level Values for Direct Contact (µg/L)					Candidate Human Health Water Screening Level Values for Discharge to Surface Water/Bioaccumulation (µg/L)						Candidate Ecological Surface Water Screening Level Values (µg/L)										Surface Water SLV[m]	
				EPA[a]		Oregon DEQ[b,c]			EPA[d]			Oregon DEQ[e]			EPA[g]		Oregon DEQ[h,i,j]					EPA Region 4[k]				
Type	Chemical Group	Analyte	CAS No.	EPA Tapwater RSL	Notes	DEQ GW Ingest Residential RBC[b]	DEQ MCL[c]	Notes	EPA NRWQC (Water + Organism)	EPA NRWQC (Organism Only)	Notes	DEQ Table 40 WQC (Water+ Organism)	DEQ Table 40 WQC (Organism Only)	Notes	Selection of Human Health SLV[f]	Aquatic Chronic NRWQC	Notes	DEQ Freshwater WQC (Table 30-31)[h]	DEQ Level II Aquatic SLV[i]	DEQ Level II Bird SLV[j]	DEQ Level II Mammal SLV[j]	Notes	Freshwater Aquatic ESL	Notes	Selection of Ecological SLV[l]	Minimum HH or Eco	Basis
O	PCB	2,3',4,5',6-Pentachlorobiphenyl	56558-18-0	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3',4',5',6-Pentachlorobiphenyl	74472-39-2	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,4,5-Tetrachlorobiphenyl	33284-53-6	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,4',5-Tetrachlorobiphenyl	74472-34-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3',4,5'-Tetrachlorobiphenyl	73575-52-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3',4,5-Tetrachlorobiphenyl	73575-53-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3',4',5'-Tetrachlorobiphenyl	70362-48-0	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3',4',5-Tetrachlorobiphenyl	32598-11-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,4,6-Tetrachlorobiphenyl	54230-22-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,4',6-Tetrachlorobiphenyl	52663-58-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3',4,6-Tetrachlorobiphenyl	60233-24-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3',4',6-Tetrachlorobiphenyl	41464-46-4	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,4'-Trichlorobiphenyl	38444-85-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,4-Trichlorobiphenyl	55702-46-0	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3',4'-Trichlorobiphenyl	38444-86-9	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3',4-Trichlorobiphenyl	55712-37-3	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3',5,5'-Tetrachlorobiphenyl	41464-42-0	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,5,6-Tetrachlorobiphenyl	33284-54-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3',5',6-Tetrachlorobiphenyl	74338-23-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,5-Trichlorobiphenyl	55720-44-0	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3',5'-Trichlorobiphenyl	37680-68-5	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3',5-Trichlorobiphenyl	38444-81-4	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3,6-Trichlorobiphenyl	55702-45-9	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3',6-Trichlorobiphenyl	38444-76-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3'-Dichlorobiphenyl	25569-80-6	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,3-Dichlorobiphenyl	16605-91-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,4,4',5-Tetrachlorobiphenyl	32690-93-0	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,4,4',6-Tetrachlorobiphenyl	32598-12-2	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,4,4'-Trichlorobiphenyl	7012-37-5	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,4,5-Trichlorobiphenyl	15862-07-4	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,4',5-Trichlorobiphenyl	16606-02-3	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,4,6-Trichlorobiphenyl	35693-92-6	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,4',6-Trichlorobiphenyl	38444-77-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,4'-Dichlorobiphenyl	34883-43-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,4-Dichlorobiphenyl	33284-50-3	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,5-Dichlorobiphenyl	34883-39-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2,6-Dichlorobiphenyl	33146-45-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	2-Chlorobiphenyl	2051-60-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	3,3',4,4',5,5'-Hexachlorobiphenyl	32774-16-6	0.0000040		--	--		--	--		--	--		0.0000040	--		--	--	--	--		--		--	0.0000040	HH
O	PCB	3,3',4,4',5-Pentachlorobiphenyl	57465-28-8	1.2E-06		--	--		--	--		--	--		0.0000012	--		--	--	--	--		--		--	0.0000012	HH
O	PCB	3,3',4,4'-Tetrachlorobiphenyl	32598-13-3	0.0060		--	--		--	--		--	--		0.0060	--		--	--	--	--		--		--	0.0060	HH
O	PCB	3,3',4,5,5'-Pentachlorobiphenyl	39635-33-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	3,3',4,5'-Tetrachlorobiphenyl	41464-48-6	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	3,3',4,5-Tetrachlorobiphenyl	70362-49-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	3,3',4-Trichlorobiphenyl	37680-69-6	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	3,3',5,5'-Tetrachlorobiphenyl	33284-52-5	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	3,3',5-Trichlorobiphenyl	38444-87-0	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	3,3'-Dichlorobiphenyl	2050-67-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	3,4,4',5-Tetrachlorobiphenyl	70362-50-4	0.00040		--	--		--	--		--	--		0.00040	--		--	--	--	--		--		--	0.00040	HH
O	PCB	3,4,4'-Trichlorobiphenyl	38444-90-5	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	3,4,5-Trichlorobiphenyl	53555-66-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	3,4',5-Trichlorobiphenyl	38444-88-1	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	3,4'-Dichlorobiphenyl	2974-90-5	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	3,4-Dichlorobiphenyl	2974-92-7	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	3,5-Dichlorobiphenyl	34883-41-5	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	3-Chlorobiphenyl	2051-61-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	4,4'-Dichlorobiphenyl	2050-68-2	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--

Table A-3. Screening Level Values for Seeps

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Water Screening Level Values for Direct Contact (µg/L)					Candidate Human Health Water Screening Level Values for Discharge to Surface Water/Bioaccumulation (µg/L)						Candidate Ecological Surface Water Screening Level Values (µg/L)										Surface Water SLV[m]	
				EPA[a]		Oregon DEQ[b,c]			EPA[d]			Oregon DEQ[e]				EPA[g]		Oregon DEQ[h,i,j]					EPA Region 4[k]				
Type	Chemical Group	Analyte	CAS No.	EPA Tapwater RSL	Notes	DEQ GW Ingest Residential RBC[b]	DEQ MCL[c]	Notes	EPA NRWQC (Water + Organism)	EPA NRWQC (Organism Only)	Notes	DEQ Table 40 WQC (Water+ Organism)	DEQ Table 40 WQC (Organism Only)	Notes	Selection of Human Health SLV[f]	Aquatic Chronic NRWQC	Notes	DEQ Freshwater WQC (Table 30-31)[h]	DEQ Level II Aquatic SLV[i]	DEQ Level II Bird SLV[j]	DEQ Level II Mammal SLV[j]	Notes	Freshwater Aquatic ESL	Notes	Selection of Ecological SLV[l]	Minimum HH or Eco	Basis
O	PCB	4-Chlorobiphenyl	2051-62-9	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	Aroclor 1016	12674-11-2	0.22		--	--		0.000064	0.000064	*	0.0000064	0.0000064	*	0.000064	0.014	**	0.014	0.014	--	44	**	0.014	**	0.014	0.000064	HH
O	PCB	Aroclor 1221	11104-28-2	0.0047		--	--		0.000064	0.000064	*	0.0000064	0.0000064	*	0.000064	0.014	**	0.014	0.014	--	44	**	0.014	**	0.014	0.000064	HH
O	PCB	Aroclor 1232	11141-16-5	0.0047		--	--		0.000064	0.000064	*	0.0000064	0.0000064	*	0.000064	0.014	**	0.014	0.014	--	44	**	0.014	**	0.014	0.000064	HH
O	PCB	Aroclor 1242	53469-21-9	0.0078		--	--		0.000064	0.000064	*	0.0000064	0.0000064	*	0.000064	0.014	**	0.014	0.014	--	44	**	0.014	**	0.014	0.000064	HH
O	PCB	Aroclor 1248	12672-29-6	0.0078		--	--		0.000064	0.000064	*	0.0000064	0.0000064	*	0.000064	0.014	**	0.014	0.014	--	44	**	0.014	**	0.014	0.000064	HH
O	PCB	Aroclor 1254	11097-69-1	0.0078		--	--		0.000064	0.000064	*	0.0000064	0.0000064	*	0.000064	0.014	**	0.014	0.014	--	44	**	0.014	**	0.014	0.000064	HH
O	PCB	Aroclor 1260	11096-82-5	0.0078		--	--		0.000064	0.000064	*	0.0000064	0.0000064	*	0.000064	0.014	**	0.014	0.014	--	44	**	0.014	**	0.014	0.000064	HH
O	PCB	Decachlorobiphenyl	2051-24-3	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	PCB	Total PCBs	1336-36-3	0.044	*	0.0060	0.50		0.000064	0.000064		0.0000064	0.0000064		0.000064	0.014		0.014	0.014	99	44		0.014		0.014	0.000064	HH
O	Pesticide	4,4'-DDD	72-54-8	0.032		0.031	--		0.00012	0.00012		0.000031	0.000031		0.00012	0.0010	**	0.0010	0.01	530	7,100	**	0.010		0.0010	0.00012	HH
O	Pesticide	4,4'-DDE	72-55-9	0.046		0.046	--		0.000018	0.000018		0.000022	0.000022		0.000018	0.0010	**	0.0010	0.3	530	7,100	**	0.30		0.0010	0.000018	HH
O	Pesticide	4,4'-DDT	50-29-3	0.23		0.23	--		0.000030	0.000030		0.000022	0.000022		0.000030	0.0010		0.0010	0.001	530	7,100		0.0010		0.0010	0.000030	HH
O	Pesticide	Aldrin	309-00-2	0.00092		0.00092	--		0.00000077	0.00000077		0.0000050	0.0000050		0.00000077	3.0		--	0.04	2,300	62	**	0.040		3.0	0.00000077	HH
O	Pesticide	BHC (alpha)	319-84-6	0.0072		0.0075	--		0.00036	0.00039		0.00045	0.00049		0.00036	--		--	0.01	2,300	62	**	0.010		0.010	0.00036	HH
O	Pesticide	BHC (beta)	319-85-7	0.025		--	--		0.0080	0.014		0.0016	0.0017		0.0080	--		--	0.01	2,300	62	**	0.010		0.010	0.0080	HH
O	Pesticide	BHC (delta)	319-86-8	0.0072	*	--	--		0.00036	0.00039	*	0.00045	0.00049	*	0.00036	--		--	0.01	2,300	62	**	0.010		0.010	0.00036	HH
O	Pesticide	BHC (gamma) Lindane	58-89-9	0.042		0.043	0.20		4.2	4.4		0.17	0.18		0.043	0.95		0.08	0.08	2,300	62	**	0.11		0.95	0.043	HH
O	Pesticide	Chlordane (alpha)	5103-71-9	3.6		0.45	2.0	*	0.00031	0.00032	*	0.000081	0.000081	*	0.00031	0.0043	**	0.0043	0.0043	8,800	5,200	**	0.0040	**	0.0043	0.00031	HH
O	Pesticide	Chlordane (gamma)	5103-74-2	10		0.45	2.0	*	0.00031	0.00032	*	0.000081	0.000081	*	0.00031	0.0043	**	0.0043	0.0043	8,800	5,200	**	0.0040	**	0.0043	0.00031	HH
O	Pesticide	Chlordane (technical)	12789-03-6	0.020		0.045	2.0	*	0.00031	0.00032	*	0.000081	0.000081	*	0.00031	0.0043		0.0043	0.0043	8,800	5,200	**	0.0040		0.0043	0.00031	HH
O	Pesticide	Dieldrin	60-57-1	0.0018		0.0017	--		0.0000012	0.0000012		0.0000053	0.0000054		0.0000012	0.056		0.056	0.056	310	89		0.060		0.056	0.0000012	HH
O	Pesticide	Endosulfan sulfate	1031-07-8	110		98	--	*	20	40		8.5	8.9		20	--		0.056	0.06	41,000	670	**	0.060		0.056	0.056	Eco
O	Pesticide	Endosulfan I	959-98-8	100	*	98	--		20	30		8.5	8.9		20	0.056		0.056	0.056	41,000	670	**	0.060		0.056	0.056	Eco
O	Pesticide	Endosulfan II	33213-65-9	100	*	98	--		20	40		8.5	8.9		20	0.056		0.056	0.056	41,000	670	**	0.060		0.056	0.056	Eco
O	Pesticide	Endrin	72-20-8	2.3		1.9	2.0		0.030	0.030		0.024	0.024		0.030	0.036		0.036	0.036	41	410		0.040		0.036	0.030	HH
O	Pesticide	Endrin aldehyde	7421-93-4	2.3	*	1.9	2.0	*	1.0	1.0		0.030	0.030		1.0	0.036	**	0.036	0.036	41	410	**	0.040	**	0.036	0.036	Eco
O	Pesticide	Endrin ketone	53494-70-5	2.3	*	1.9	2.0	*	0.030	0.030	*	0.024	0.024	*	0.030	0.036	**	0.036	0.036	41	410	**	0.040	**	0.036	0.030	HH
O	Pesticide	Heptachlor	76-44-8	0.0014		0.0014	0.40		0.0000059	0.0000059		0.0000079	0.0000079		0.0000059	0.0038		0.0038	0.0038	3,800	440		0.0040		0.0038	0.0000059	HH
O	Pesticide	Heptachlor epoxide	1024-57-3	0.0014		0.0014	0.20		0.000032	0.000032		0.0000039	0.0000039		0.000032	0.0038		0.0038	0.0038	3,800	440	**	0.0040		0.0038	0.000032	HH
O	Pesticide	Methoxychlor	72-43-5	37		--	40		0.020	0.020		100	--		0.020	0.030		0.030	7.8	100,000	17,000		0.030		0.030	0.020	HH
O	Pesticide	Toxaphene	8001-35-2	0.071		0.015	3.0		0.00070	0.00071		0.000028	0.000028		0.00070	0.00020		0.00020	1.9	41,000	35,000		0.00020		0.0002	0.00020	Eco
O	SVOC	1,2,4,5-Tetrachlorobenzene	95-94-3	0.17		--	--		0.03	0.03		0.11	0.11		0.030	--		--	8.3	--	--		8.3		8.3	0.030	HH
O	SVOC	1,2-Diphenylhydrazine	122-66-7	0.078		--	--		0.03	0.2		0.014	0.02		0.030	--		--	1.1	--	--		1.1		1.1	0.030	HH
O	SVOC	1-Methylnaphthalene	90-12-0	0.0063		--	--		--	--		--	--		0.0063	--		--	6.1	--	--		6.1		6.1	0.0063	HH
O	SVOC	2,2'-oxybis(1-chloropropane)	108-60-1	710		--	--		--	--		1,200	6,500		710	--		--	--	--	--		--		--	710	HH
O	SVOC	2,4,5-Trichlorophenol	95-95-4	1,200		--	--		300	600		330	360		300	--		--	4.9	--	--		1.9		4.9	4.9	Eco
O	SVOC	2,4,6-Trichlorophenol	88-06-2	4.1		4.4	--		1.5	2.8		0.23	0.24		1.5	--		970	970	--	--		--		970	1.5	HH
O	SVOC	2,4-Dichlorophenol	120-83-2	46		--	--		10	60		23	29		10	--		365	11	--	--		11		11	10	HH
O	SVOC	2,4-Dimethylphenol	105-67-9	360		--	--		100	3,000		76	85		100	--		--	15	--	--		15		15	15	Eco
O	SVOC	2,4-Dinitrophenol	51-28-5	39		--	--		10	300		62	530		10	--		--	71	--	--		71		71	10	HH
O	SVOC	2,4-Dinitrotoluene	121-14-2	0.24		--	--		0.049	1.7		0.084	0.34		0.049	--		230	44	--	--		44		44	0.049	HH
O	SVOC	2,6-Dichlorophenol	87-65-0	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	SVOC	2,6-Dinitrotoluene	606-20-2	0.049		0.049	--		--	--		--	--		0.049	--		230	81	--	--		81		81	0.049	HH
O	SVOC	2-Chloronaphthalene	91-58-7	750		--	--		800	1,000		150	160		750	--		--	--	--	--		--		--	750	HH
O	SVOC	2-Chlorophenol	95-57-8	91		--	--		--	--		14	15		14	--		2,000	18	4,600	2,200		18		18	14	HH
O	SVOC	2-Methylphenol	95-48-7	930		--	--		4,000	300,000	*	9,400	86,000	*	930	--		--	67	--	--		67		67	67	Eco
O	SVOC	2-Nitroaniline	88-74-4	190		--	--		--	--		--	--		190	--		--	17	--	--		17		17	17	Eco
O	SVOC	2-Nitrophenol	88-75-5	5,800	*	--	--		4,000	300,000	*	9,400	86,000	*	4,000	--		150	73	--	--	**	73		73	73	Eco
O	SVOC	3 & 4 Methylphenol	15831-10-4	370	*	--	--		--	--		--	--		370	--		--	53	--	--		53		53	53	Eco
O	SVOC	3,3'-Dichlorobenzidine	91-94-1	0.13		0.17	--		0.049	0.15		0.0027	0.0028		0.049	--		--	4.5	--	--		4.5		4.5	0.049	HH
O	SVOC	3-Nitroaniline	99-09-2	190	*	--	--		--	--		--	--		190	--		--	--	--	--		17	**	17	17	Eco
O	SVOC	3-Nitroaniline	99-09-2	190	*	--	--		--	--		--	--		190	--		--	--	--	--		--		--	190	HH
O	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	1.5		--	--		2.0	30		9.2	28		1.5	--		--	--	--	--		--		--	1.5	HH
O	SVOC	4-Bromophenyl phenyl ether	101-55-3	--		--	--		--	--		--	--		--	--		--	1.5	--	--		1.5		1.5	1.5	Eco
O	SVOC	4-Chloro-3-methylphenol	59-50-7	1,400		--	--		500	2,000		--	--		500	--		--	--	--	--		--		--	500	HH
O	SVOC	4-Chloroaniline	106-47-8	0.37		--	--		--	--		--	--		0.37	--		--	0.8	--	--		0.80		0.80	0.37	HH

Table A-3. Screening Level Values for Seeps

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Water Screening Level Values for Direct Contact (µg/L)					Candidate Human Health Water Screening Level Values for Discharge to Surface Water/Bioaccumulation (µg/L)						Candidate Ecological Surface Water Screening Level Values (µg/L)										Surface Water SLV[m]	
				EPA[a]		Oregon DEQ[b,c]			EPA[d]			Oregon DEQ[e]			EPA[g]		Oregon DEQ[h,i,j]					EPA Region 4[k]				
Type	Chemical Group	Analyte	CAS No.	EPA Tapwater RSL	Notes	DEQ GW Ingest Residential RBC[b]	DEQ MCL[c]	Notes	EPA NRWQC (Water + Organism)	EPA NRWQC (Organism Only)	Notes	DEQ Table 40 WQC (Water+ Organism)	DEQ Table 40 WQC (Organism Only)	Notes	Selection of Human Health SLV[f]	Aquatic Chronic NRWQC	Notes	DEQ Freshwater WQC (Table 30-31)[h]	DEQ Level II Aquatic SLV[i]	DEQ Level II Bird SLV[j]	DEQ Level II Mammal SLV[j]	Notes	Freshwater Aquatic ESL	Notes	Selection of Ecological SLV[l]	Minimum HH or Eco	Basis
O	SVOC	4-Chlorophenyl phenyl ether	7005-72-3	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	SVOC	4-Nitroaniline	100-01-6	3.8		--	--		--	--		--	--		3.8	--		--	--	--	--		17	**	17	3.8	HH
O	SVOC	4-Nitrophenol	100-02-7	5,800	*	--	--		4,000	300,000	*	9,400	86,000	*	4,000	--		150	58	--	--	**	58		58	58	Eco
O	SVOC	Aniline	62-53-3	13		--	--		--	--		--	--		13	--		--	4.1	--	--		4.1		4.1	4.1	Eco
O	SVOC	Benzidine	92-87-5	0.00011		0.00011	--		0.00014	0.011		0.000018	0.000020		0.00011	--		--	1.5	--	--		1.5		1.5	0.00011	HH
O	SVOC	Benzoic acid	65-85-0	75,000		--	--		--	--		--	--		75,000	--		--	42	--	17,000		42		42	42	Eco
O	SVOC	Benzyl alcohol	100-51-6	2,000		--	--		--	--		--	--		2,000	--		--	8.6	--	--		8.6		8.6	8.6	Eco
O	SVOC	Bis(2-chloroethoxy)methane	111-91-1	59		--	--		--	--		--	--		59	--		--	--	--	--		--		--	59	HH
O	SVOC	Bis(2-chloroethyl) ether	111-44-4	0.014		--	--		0.030	2.2		0.020	0.053		0.014	--		--	--	--	--		--		--	0.014	HH
O	SVOC	Bis(2-chloroisopropyl) ether	39638-32-9or 108-60-1	710		--	--		200	4,000		1,200	6,500		200	--		--	--	--	--		--		--	200	HH
O	SVOC	Bis(2-ethylhexyl) phthalate	117-81-7	5.6		5.6	--		0.32	0.37		0.20	0.22		0.32	--		--	8	4,500	82,000		8.0		8.0	0.32	HH
O	SVOC	Butyl Benzyl phthalate	85-68-7	16		--	--		0.10	0.10		190	190		0.10	--		--	23	--	710,000		23		23	0.10	HH
O	SVOC	Carbazole	86-74-8	7.9	*	--	--		--	--		--	--		7.9	--		--	4	--	--		4.0		4.0	4.0	Eco
O	SVOC	Dibenzofuran	132-64-9	7.9		--	--		--	--		--	--		7.9	--		--	4	--	--		4.0		4.0	4.0	Eco
O	SVOC	Diethyl phthalate	84-66-2	15,000		--	--		600	600		3,800	4,400		600	--		--	220	--	--		220		220	220	Eco
O	SVOC	Dimethyl phthalate	131-11-3	15,000	*	--	--		2,000	2,000		84,000	110,000		2,000	--		--	1,100	--	300,000		1,100		1,100	1,100	Eco
O	SVOC	Di-n-butyl phthalate	84-74-2	900		--	--		20	30		400	450		20	--		--	19	570	2,600,000		19		19	19	Eco
O	SVOC	Di-n-octyl phthalate	117-84-0	200		--	--		0.32	0.37	*	0.20	0.22	*	0.32	--		--	220	--	290,000		215		220	0.32	HH
O	SVOC	Hexachlorobenzene	118-74-1	0.0098		0.0098	1.0		0.000079	0.000079		0.000029	0.000029		0.000079	--		50	--	--	--	**	0.15		50	0.000079	HH
O	SVOC	Hexachlorobutadiene	87-68-3	0.14		--	--		0.010	0.010		0.36	1.8		0.010	--		9.3	1	--	--		1.0		1.0	0.010	HH
O	SVOC	Hexachlorocyclopentadiene	77-47-4	0.41		--	50		4.0	4.0		30	110		0.41	--		5.2	0.45	--	--		0.45		0.45	0.41	HH
O	SVOC	Hexachloroethane	67-72-1	0.33		0.34	--		0.10	0.10		0.29	0.33		0.10	--		540	12	--	--		33		12	0.10	HH
O	SVOC	Isophorone	78-59-1	78		--	--		34	1,800		27	96		34	--		--	920	--	--		920		920	34	HH
O	SVOC	Nitrobenzene	98-95-3	0.14		--	--		10	600		14	69		0.14	--		--	230	--	26,000		230		230	0.14	HH
O	SVOC	n-Nitrosodimethylamine	62-75-9	0.00011		--	--		0.00069	3.0		0.00068	0.30		0.00011	--		--	--	--	--		--		--	0.00011	HH
O	SVOC	n-Nitrosodi-n-propylamine	621-64-7	0.011		0.011	--		0.0050	0.51		0.0046	0.051		0.0050	--		--	--	--	--		--		--	0.0050	HH
O	SVOC	n-Nitrosodiphenylamine	86-30-6	12		--	--		3.3	6.0		0.55	0.60		3.3	--		--	--	--	--		25		25	3.3	HH
O	SVOC	n-Nitrosopyrrolidine	930-55-2	0.037		--	--		0.016	34		0.016	3.4		0.016	--		--	--	--	--		--		--	0.016	HH
O	SVOC	p-Cresol (4-methylphenol)	106-44-5	370		--	--		--	--		--	--		370	--		--	--	--	--		53		53	53	Eco
O	SVOC	Pentachlorophenol	87-86-5	0.041		0.044	1.0		0.030	0.040		0.15	0.30		0.030	15		--	6.7	13,000	1,000		15		15	0.030	HH
O	SVOC	Phenol	108-95-2	5,800		--	--		4,000	300,000		9,400	86,000		4,000	--		2,560	160	--	--		160		160	160	Eco
O	TPH	Diesel-range organics	68334-30-5	--		100	--		--	--		--	--		100	--		--	640	--	--		--		640	100	HH
O	TPH	Gasoline-range organics	8006-61-9	--		110	--		--	--		--	--		110	--		--	440	--	--		--		440	110	HH
O	TPH	ORO (C20-C38)	STL02073	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	TPH	Residual-range organics	RRO	--		300	--		--	--		--	--		300	--		--	--	--	--		--		--	300	HH
O	VOC	1,1,1,2-Tetrachloroethane	630-20-6	0.57		--	--		--	--		--	--		0.57	--		--	85	--	--		85		85	0.57	HH
O	VOC	1,1,1-Trichloroethane (TCA)	71-55-6	8,000		8,000	200		10,000	200,000		--	--		8,000	--		--	76	--	4,400,000		76		76	76	Eco
O	VOC	1,1,2,2-Tetrachloroethane	79-34-5	0.076		--	--		0.20	3.0		0.12	0.40		0.08	--		2,400	200	--	--		200		200	0.076	HH
O	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	10,000		--	--		--	--		--	--		10,000	--		--	--	--	--		--		--	10,000	HH
O	VOC	1,1,2-Trichloroethane	79-00-5	0.28		0.28	5.0		0.55	8.9		0.44	1.6		0.28	--		9,400	730	--	--		730		730	0.28	HH
O	VOC	1,1-Dichloroethane	75-34-3	2.8		2.8	--		--	--		--	--		2.8	--		--	410	--	1,700,000		410		410	2.8	HH
O	VOC	1,1-Dichloroethene	75-35-4	280		280	7.0		300	20,000		230	710		280	--		--	130	--	130,000		130		130	130	Eco
O	VOC	1,1-Dichloropropene	563-58-6	0.47	*	--	--		--	--		--	--		0.47	--		--	--	--	--		--		--	0.47	HH
O	VOC	1,2,3-Trichlorobenzene	87-61-6	7.0		--	--		--	--		--	--		7.0	--		50	8	--	--	**	8.0		8.0	7.0	HH
O	VOC	1,2,3-Trichloropropane	96-18-4	0.00075		--	--		--	--		--	--		0.00075	--		--	--	--	--		--		--	0.00075	HH
O	VOC	1,2,4-Trichlorobenzene	120-82-1	1.2		--	70		0.071	0.076		6.4	7.0		0.071	--		50	130	--	6,600	**	130		50	0.071	HH
O	VOC	1,2,4-Trimethylbenzene	95-63-6	56		54	--		--	--		--	--		54	--		--	--	--	--		15		15	15	Eco
O	VOC	1,2-Dibromo-3-chloropropane	96-12-8	0.00033		--	--		--	--		--	--		0.00033	--		--	--	--	--		--		--	0.00033	HH
O	VOC	1,2-Dibromo-3-chloropropane	96-12-8	0.00033		--	--		--	--		--	--		0.00033	--		--	--	--	--		--		--	0.00033	HH
O	VOC	1,2-Dibromoethane (EDB)	106-93-4	0.0075		0.0075	0.050		--	--		--	--		0.0075	--		--	--	--	--		--		--	0.0075	HH
O	VOC	1,2-Dichlorobenzene	95-50-1	300		300	600		1,000	3,000		110	130		300	--		763	14	--	11,000	**	23		14	14	Eco
O	VOC	1,2-Dichloroethane (EDC)	107-06-2	0.17		0.17	5.0		9.9	650		0.35	3.7		0.17	--		20,000	2,000	19,000	220,000		2,000		2,000	0.17	HH
O	VOC	1,2-Dichloroethene, total	540-59-0	--		--	--		--	--		--	--		--	--		--	970	--	200,000		970		970	970	Eco
O	VOC	1,2-Dichloropropane	78-87-5	0.85		--	5.0		0.90	31		0.38	1.5		0.85	--		5,700	520	--	--		520		520	0.85	HH
O	VOC	1,3,5-Trimethylbenzene	108-67-8	60		59	--		--	--		--	--		59	--		--	--	--	--		26		26	26	Eco
O	VOC	1,3-Dichlorobenzene	541-73-1	0.48	*	0.48	75	*	7.0	10		80	96		0.48	--		763	22	--	11,000	**	22		22	0.48	HH
O	VOC	1,3-Dichloropropane	142-28-9	370		--	--		0.90	31	*	0.38	1.5	*	0.90	--		--	--	--	--		--		--	0.90	HH

Table A-3. Screening Level Values for Seeps

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Water Screening Level Values for Direct Contact (µg/L)					Candidate Human Health Water Screening Level Values for Discharge to Surface Water/Bioaccumulation (µg/L)						Candidate Ecological Surface Water Screening Level Values (µg/L)										Surface Water SLV[m]	
				EPA[a]		Oregon DEQ[b,c]			EPA[d]			Oregon DEQ[e]				EPA[g]		Oregon DEQ[h,i,j]					EPA Region 4[k]				
Type	Chemical Group	Analyte	CAS No.	EPA Tapwater RSL	Notes	DEQ GW Ingest Residential RBC[b]	DEQ MCL[c]	Notes	EPA NRWQC (Water + Organism)	EPA NRWQC (Organism Only)	Notes	DEQ Table 40 WQC (Water+ Organism)	DEQ Table 40 WQC (Organism Only)	Notes	Selection of Human Health SLV[f]	Aquatic Chronic NRWQC	Notes	DEQ Freshwater WQC (Table 30-31)[h]	DEQ Level II Aquatic SLV[i]	DEQ Level II Bird SLV[j]	DEQ Level II Mammal SLV[j]	Notes	Freshwater Aquatic ESL	Notes	Selection of Ecological SLV[l]	Minimum HH or Eco	Basis
O	VOC	1,3-Dichloropropene, total	542-75-6	0.47		--	--		0.27	12		0.30	2.1		0.27	--		244	1.7	--	--		1.7		1.7	0.27	HH
O	VOC	1,4-Dichlorobenzene	106-46-7	0.48		0.48	75		300	900		16	19		0.48	--		763	9.4	--	11,000	**	9.4		9.4	0.48	HH
O	VOC	2,2-Dichloropropane	594-20-7	0.85	*	--	--		0.90	31	*	0.38	1.5	*	0.85	--		--	--	--	--		--		--	0.85	HH
O	VOC	2-Butanone (MEK)	78-93-3	5,600		--	--		--	--		--	--		5,600	--		--	22,000	--	7,900,000		22,000		22,000	5,600	HH
O	VOC	2-Chloroethylvinylether	110-75-8	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	VOC	2-Chlorotoluene	95-49-8	240		--	--		--	--		--	--		240	--		--	--	--	--		--		--	240	HH
O	VOC	2-Hexanone	591-78-6	38		--	--		--	--		--	--		38	--		--	99	--	--		99		99	38	HH
O	VOC	3-Chloro-1-propene	107-05-1	0.73		--	--		--	--		--	--		0.73	--		--	--	--	--		--		--	0.73	HH
O	VOC	4-Chlorotoluene	106-43-4	250		--	--		--	--		--	--		250	--		--	--	--	--		--		--	250	HH
O	VOC	4-Isopropyltoluene	99-87-6	450	*	--	--		--	--		--	--		450	--		--	16	--	--		16		16	16	Eco
O	VOC	4-Methyl-2-pentanone (MIBK)	108-10-1	6,300		--	--		--	--		--	--		6,300	--		--	170	--	--		170		170	170	Eco
O	VOC	Acetone	67-64-1	18,000		--	--		--	--		--	--		18,000	--		--	1,700	830,000	44,000		1,700		1,700	1,700	Eco
O	VOC	Acrylonitrile	107-13-1	0.052		0.052	--		0.061	7		0.018	0.025		0.052	--		2,600	78	--	--		78		78	0.052	HH
O	VOC	Benzene	71-43-2	0.46		0.46	5.0		2.1	58		0.44	1.4		0.46	--		--	160	--	110,000		160		160	0.46	HH
O	VOC	Bromobenzene	108-86-1	62		--	--		--	--		--	--		62	--		--	--	--	--		--		--	62	HH
O	VOC	Bromochloromethane	74-97-5	83		0.13	--	*	0.95	27	*	0.42	1.7	*	0.13	--		--	--	--	--		--		--	0.13	HH
O	VOC	Bromodichloromethane	75-27-4	0.13		0.13	--		0.95	27		0.42	1.7		0.13	--		--	--	--	--		--		--	0.13	HH
O	VOC	Bromoform	75-25-2	3.3		3.3	--		7.0	120		3.3	14		3.3	--		--	230	--	--		230		230	3.3	HH
O	VOC	Bromomethane	74-83-9	7.5		7.5	--		100	10,000		37	150		7.5	--		--	16	--	--		16		16	7.5	HH
O	VOC	Carbon disulfide	75-15-0	810		--	--		--	--		--	--		810	--		--	15	--	--		15		15	15	Eco
O	VOC	Carbon tetrachloride	56-23-5	0.46		0.46	5.0		0.40	5.0		0.10	0.16		0.40	--		--	77	--	--		77		77	0.40	HH
O	VOC	Chlorobenzene	108-90-7	78		77	100		100	800		74	160		77	--		--	25	--	260,000		25		25	25	Eco
O	VOC	Chloroethane	75-00-3	8,300		21,000	--		--	--		--	--		21,000	--		--	--	--	--		--		--	21,000	HH
O	VOC	Chloroform	67-66-3	0.22		0.22	--		60	2,000		260	1,100		0.22	--		1,240	140	--	67,000		140		140	0.22	HH
O	VOC	Chloromethane	74-87-3	190		190	--		--	--		--	--		190	--		--	--	--	--		--		--	190	HH
O	VOC	cis-1,2-Dichloroethene	156-59-2	25		36	70		--	--		--	--		36	--		--	620	--	200,000		620		620	36	HH
O	VOC	cis-1,3-Dichloropropene	10061-01-5	0.47	*	--	--		--	--		--	--		0.47	--		--	1.7	--	--		1.7		1.7	0.47	HH
O	VOC	Cyclohexane	110-82-7	13,000		--	--		--	--		--	--		13,000	--		--	160	--	--		158		160	160	Eco
O	VOC	Dibromochloromethane	124-48-1	0.87		0.17	--		0.80	21		0.31	1.3		0.17	--		--	320	--	--		320		320	0.17	HH
O	VOC	Dibromomethane	74-95-3	8.3		--	--		--	--		--	--		8.3	--		--	--	--	--		--		--	8.3	HH
O	VOC	Dichlorodifluoromethane	75-71-8	200		--	--		--	--		--	--		200	--		--	--	--	--		--		--	200	HH
O	VOC	Dichloromethane (methylene chloride)	75-09-2	11		11	5.0		20	1,000		4.3	59		11	--		--	1,500	--	26,000		1,500		1,500	11	HH
O	VOC	Ethyl ether	60-29-7	3,900		--	--		--	--		--	--		3,900	--		--	--	--	--		--		--	3,900	HH
O	VOC	Ethyl methacrylate	97-63-2	630		--	--		--	--		--	--		630	--		--	--	--	--		--		--	630	HH
O	VOC	Ethylbenzene	100-41-4	1.5		1.5	700		68	130		160	210		1.5	--		--	61	--	--		61		61	1.5	HH
O	VOC	Hexane	110-54-3	1,500		--	--		--	--		--	--		1,500	--		--	0.6	--	--		0.6		0.6	0.60	Eco
O	VOC	Iodomethane	74-88-4	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	VOC	Isopropylbenzene	98-82-8	450		440	--		--	--		--	--		440	--		--	4.8	--	--		4.8		4.8	4.8	Eco
O	VOC	m,p-Xylenes	179601-23-1	190	*	190	10,000	*	--	--		--	--		190	--		--	13	440,000	9,400	**	27		13	13	Eco
O	VOC	Methyl acetate	79-20-9	20,000		--	--		--	--		--	--		20,000	--		--	--	--	--		--		--	20,000	HH
O	VOC	Methyl tert-butyl ether	1634-04-4	14		--	--		--	--		--	--		14	--		--	730	--	--		730		730	14	HH
O	VOC	Methylcyclohexane	108-87-2	200		--	--		--	--		--	--		200	--		--	52	--	--		52		52	52	Eco
O	VOC	n-Butylbenzene	104-51-8	1,000		--	--		--	--		--	--		1,000	--		--	--	--	--		--		--	1,000	HH
O	VOC	n-Propylbenzene	103-65-1	660		--	--		--	--		--	--		660	--		--	--	--	--		--		--	660	HH
O	VOC	o-Xylene	95-47-6	190		190	--	*	--	--		--	--		190	--		--	27	440,000	9,400	**	27		27	27	Eco
O	VOC	sec-Butylbenzene	135-98-8	2,000		--	--		--	--		--	--		2,000	--		--	--	--	--		--		--	2,000	HH
O	VOC	Styrene	100-42-5	1,200		1,200	100		--	--		--	--		1,200	--		--	32	--	--		32		32	32	Eco
O	VOC	tert-Butylbenzene	98-06-6	690		--	--		--	--		--	--		690	--		--	--	--	--		--		--	690	HH
O	VOC	tert-Butylbenzene	98-06-6	690		--	--		--	--		--	--		690	--		--	--	--	--		--		--	690	HH
O	VOC	Tetrachloroethene (PCE)	127-18-4	11		12	5.0		10	29		0.24	0.33		10	--		840	53	--	8,900		53		53	10	HH
O	VOC	Tetrahydrofuran	109-99-9	3,400		--	--		--	--		--	--		3,400	--		--	11,000	--	--		11,000		11,000	3,400	HH
O	VOC	Toluene	108-88-3	1,100		1,100	1,000		57	520		720	1,500		57	--		--	62	--	110,000		62		62	57	HH
O	VOC	Total BTEX	STL00431	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	VOC	trans-1,2-Dichloroethene	156-60-5	68		360	100		100	4,000		120	1,000		100	--		--	560	--	200,000		558		560	100	HH
O	VOC	trans-1,3-Dichloropropene	10061-02-6	0.47	*	--	--		--	--		--	--		0.47	--		--	1.7	--	--		1.7		1.7	0.47	HH
O	VOC	trans-1,4-Dichloro-2-butene	110-57-6	0.0013		--	--		--	--		--	--		0.0013	--		--	--	--	--		--		--	0.0013	HH
O	VOC	Trichloroethylene (TCE)	79-01-6	0.49		0.49	5.0		0.60	7.0		1.4	3.0		0.49	--		21,900	220	--	440,000		220		220	0.49	HH

Table A-3. Screening Level Values for Seeps

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

				Candidate Human Health Water Screening Level Values for Direct Contact (µg/L)					Candidate Human Health Water Screening Level Values for Discharge to Surface Water/Bioaccumulation (µg/L)						Candidate Ecological Surface Water Screening Level Values (µg/L)										Surface Water SLV[m]	
				EPA[a]		Oregon DEQ[b,c]			EPA[d]			Oregon DEQ[e]			EPA[g]		Oregon DEQ[h,i,j]					EPA Region 4[k]				
Type	Chemical Group	Analyte	CAS No.	EPA Tapwater RSL	Notes	DEQ GW Ingest Residential RBC[b]	DEQ MCL[c]	Notes	EPA NRWQC (Water + Organism)	EPA NRWQC (Organism Only)	Notes	DEQ Table 40 WQC (Water+ Organism)	DEQ Table 40 WQC (Organism Only)	Notes	Selection of Human Health SLV[f]	Aquatic Chronic NRWQC	Notes	DEQ Freshwater WQC (Table 30-31)[h]	DEQ Level II Aquatic SLV[i]	DEQ Level II Bird SLV[j]	DEQ Level II Mammal SLV[j]	Notes	Freshwater Aquatic ESL	Notes	Selection of Ecological SLV[l]	Minimum HH or Eco	Basis
O	VOC	Trichlorofluoromethane	75-69-4	5,200		1,100	--		--	--		--	--		1,100	--		--	--	--	--		--		--	1,100	HH
O	VOC	Trihalomethanes, total	STL00209	--		--	--		--	--		--	--		--	--		--	--	--	--		--		--	--	--
O	VOC	Vinyl acetate	108-05-4	410		--	--		--	--		--	--		410	--		--	16	--	--		16		16	16	Eco
O	VOC	Vinyl chloride	75-01-4	0.019		0.027	2.0		0.022	1.6		0.023	0.24		0.022	--		--	930	--	--		930		930	0.022	HH

Notes:

[a] U.S. Environmental Protection Agency (EPA) 2024. Regional Screening Level. May.
[b] DEQ 2023. Risk-Based Concentrations for Individual Chemicals. August.
[c] DEQ. Maximum Contaminant Level. Updated 2019. Accessed online in January 2024 at: https://www.oregon.gov/oha/PH/HEALTHYENVIRONMENTS/DRINKINGWATER/RULES/Documents/61-0030.pdf.
[d] EPA. 2016. National Recommended Water Quality Criteria - Human Health Criteria Table.
[e] Oregon DEQ. 2014. Table 40. Human Health Water Quality Criteria for Toxic Pollutants. April.
[f] Human health surface water screening level was selected using the following hierarchy:

- For all except PCB Aroclors:
  1. Minimum of EPA NRWQC values and DEQ GW Ingest Residential RBC, if both are available. If a DEQ GW Ingest Residential RBC is not available, minimum of the EPA NRWQC and EPA RSL.
  2. Minimum of DEQ Table 40 (minimum value) and DEQ GW Ingest Residential RBC.
  3. EPA RSL.
  4. MCL.
- For total PCBs (as Aroclors) & individual Aroclors:
  1. Minimum of EPA NRWQC values and EPA RSL.
  2. If no NRWQC, use minimum of DEQ Table 40 (minimum value) and EPA RSL.

[g] EPA. 2024. National Recommended Water Quality Criteria (NRWQC) for Priority Pollutants. https://www.epa.gov/wqc/national-recommended-water-quality-criteria-aquatic-life-criteria-table#table.
[h] Oregon Department of Environmental Quality (DEQ). 2014. Toxic Standards Rule. OAR 340-041-0033. Currently under revision.
[i] Oregon Department of Environmental Quality (DEQ). 2021. Conducting Ecological Risk Assessments. Land Quality Division, Cleanup Program. State of Oregon Department of Environmental Quality. September 2020. Aquatic Screening Levels (Table 3) as Updated April 23, 2021. https://www.oregon.gov/deq/hazards-and-cleanup/env-cleanup/pages/era.aspx
[j] Oregon Department of Environmental Quality (DEQ). 2020. Conducting Ecological Risk Assessments. Land Quality Division, Cleanup Program. State of Oregon Department of Environmental Quality. September. https://www.oregon.gov/deq/hazards-and-cleanup/env-cleanup/pages/era.aspx
[k] EPA Region 4. 2018. EPA Region 4 Ecological Risk Assessment Supplemental Guidance (ERAGS). Originally published November 1995 and updated March 2018. Scientific Support Section, Superfund Division. https://www.epa.gov/risk/region-4-ecological-risk-assessment-supplemental-guidance.
[l] Ecological soil screening levels were selected using the following hierarchy:
  1. EPA NRWQC
  2. Minimum Oregon DEQ Table 33A and Level II SLV
  3. EPA Region 4 Screening Level

[m] Final Surface Water Screening Leve Value is the lower between the human health SLV and the ecological SLV.
[n] EPA. 2018. Aquatic Life Ambient Water Quality Criteria for Aluminum. Final. Office of Water. EPA-822-R-18-001. December.
[o] EPA 2007. Aquatic Life Ambient Freshwater Quality Criteria - Copper, 2007 Revision. Office of Water. EPA-822-R-07-001. February.
[p] EPA. 2016. Aquatic Live Ambient Water Quality Criterion for Selenium - Freshwater. EPA 822-R-16-006. June.

Human Health Screening Level Value Notes:

* Surrogates for missing human health screening values were used as follows:

EPA NRWQC

1,2- Dichloropropane was used for 2,2- dichloropropane and 1,3-dichloropropane
Acenaphthene was used for 2-methylnaphthalene and acenaphthylene
Anthracene was used for phenanthrene and naphthalene
Benzo(b)fluoranthene was used for benzofluoranthenes, total
Benzo(k)fluoranthene was used for benzo(j,k)flouranthene
BHC (alpha) was used for BHC (delta)
Bis(2-ethylhexyl) phthalate was used for di-n-octyl phthalate
Bromodichloromethane was used for bromochloromethane
Chlordane was used for alpha, gamma, and technical chlordane
Endrin was used for endrin ketone
Phenol was used for 2-methylphenol, 2-nitrophenol, and 4-nitrophenol
Pyrene was used for benzo(g,h,i)perylene
Total PCBs was used for individual aroclors

DEQ WQC

1,2- Dichloropropane was used for 2,2- dichloropropane and 1,3-dichloropropane
Acenaphthene was used for 2-methylnaphthalene and acenaphthylene
Anthracene was used for phenanthrene and naphthalene
Benzo(b)fluoranthene was used for benzofluoranthenes, total
Benzo(k)fluoranthene was used for benzo(j,k)flouranthene
BHC (alpha) was used for BHC (delta)
Bis(2-ethylhexyl) phthalate was used for di-n-octyl phthalate
Bromodichloromethane was used for bromochloromethane
Chlordane was used for alpha, gamma, and technical chlordane
Endrin was used for endrin ketone
Phenol was used for 2-methylphenol, 2-nitrophenol, and 4-nitrophenol
Pyrene was used for benzo(g,h,i)perylene
Total PCBs was used for individual aroclors

Ecological Screening Level Value Notes:

BLM/FCV = biotic ligand model final chronic value for copper
CMC/10 = acute criterion divided by 10 to estimate a chronic criteria
D = dissolved
H = hardness (assumed 100 mg/CaO3)
lotic = criteria is for lotic (flowing) water
pH/H/DO = aluminum criteria is calculated based on pH (7), hardness (100), and dissolved oxygen (1)

** Surrogates used for ecological screening levels are as follows:

EPA NRWQC

4,4'-DDT was used for 4,4'-DDD and 4,4'-DDE
Chlordane was used for alpha-chlordane and gamma-chlordane
Chromium III was used for chromium
Endrin was used for endrin aldehyde and endrin ketone
Total PCBs was used for Aroclor mixtures

ODEQ

1,4-Dichlorobenzene was used for 1,2-dichlorobenzene and 1,3-dichlorobenzene
4,4'DDT was used for 4,4-DDD and 4,4-DDE (WQC and wildlife)
BHC-beta was used for BHC-delta (aquatic)
BHC-mixed isomers were used for BHC-alpha, BHC-beta, BHC-delta, and BHC-gamma (wildlife)
Chlordane was used for alpha-chlordane and gamma-chlordane
Chlorinated benzenes were used for hexachlorobenzene, 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene (WQC)
Chromium III was used for chromium
Dichlorobenzenes were used for 1,2-dichlorobenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene (WQC)
Endosulfan was used for endosulfan I, endosulfan II, and endosulfan sulfate
Endrin was used for endrin aldehyde and endrin ketone
Heptachlor was used for heptachlor epoxide
Nitrophenols were used for 2-nitrophenol, 4-nitrophenol (WQC)
p-Cresol (4-methylphenol) was used for 3 & 4 methylphenol
Total PCBs was used for Aroclor mixtures
Xylenes was used for o- and m,p-xylene

EPA Region 4

2-Nitroaniline was used for 3-nitroaniline and 4-nitroaniline
Chlordane was used for alpha-chlordane and gamma-chlordane
Endrin was used for endrin aldehyde and endrin ketone
p-cresol (4-Methylphenol) was used for 3 & 4 Methylphenol
Total PCBs was used for Aroclor mixtures
Total PCBs was used for Aroclor mixtures

Appendix B
Field Standard Operating Procedures

APPENDIX B

Field Standard Operating Procedures

This appendix describes field operating procedures to be followed while performing field activities for Bradford Island National Priority List (NPL) Site. These Standard Operating Procedures (SOPs) were developed by Jacobs Engineering Group Inc. (Jacobs) and have been updated where appropriate.

These SOPs comprise a field manual to ensure that all personnel follow standard procedures for collection, preservation, and analysis of field data. It is assumed that field personnel have been trained in the use of and are familiar with the theory behind the use of specific instruments.

Each SOP is arranged in a specific order: The number and title, a statement of purpose, and subheading for References, Definitions of Special Terms, Associated Procedures, Equipment and Supplies, Procedures, and Recordkeeping.

If these SOPs conflict with specific statements in the other documents concerning the field efforts, the other documents shall have preference. References, where given in specific SOPs, are to provide additional information or clarification only.

SOPs are grouped by type of procedure; for example, SOPs related to monitoring well construction are in Group 60 (Procedures 61, 62, 65, and 66). SOPs that may be used in conjunction with well construction, such as water quality sampling, are cross referenced by SOP number.

10. Recordkeeping

    SOP-11 Field Administration and Records
    SOP-12 Field Logbooks
    SOP-13 Photographic Documentation

20. Sample Locating and Marking

    SOP-21 Sample Location Marking
    SOP-22 Utility Location and Clearance
    SOP-23 Land Surveying

30. Sample Management

    SOP-31 Sample Management

40. Decontamination

    SOP-41 Decontamination – Steam Cleaning
    SOP-42 Decontamination – Wash and Rinse Method
    SOP-43 Decontamination – Wipe Method

50. Soil, Surface Water, and In Situ Groundwater Sampling

    SOP-51 Lithologic Logging
    SOP-52 Collection of Surface Soil Samples
    SOP-53 Subsurface Soil Sampling
    SOP-54 Soil Gas Headspace Measurements
    SOP-58 Collection of Seep Samples

60. Drilling, Well Construction, and Testing

    SOP-61 Monitoring Well/Piezometer Drilling and Installation
    SOP-62 Well Development
    SOP-65 Surface Completion of Wells
    SOP-66 Backfilling of Soil Borings

70. Groundwater Sampling

SOP-71	Water-Level and Well Depth Measurements
SOP-73A	Low-Flow Groundwater Purging and Sample Collection
SOP-73B	Conventional Groundwater Purging and Sample Collection
SOP-75	Field Measurements of Air and Water Quality Parameters
SOP-76	Field Filtration of Water
SOP-77	Estimating Groundwater Discharge

80. Waste Management

SOP-81	Project-Specific Analysis and Characterization
SOP-82	Analysis and Characterization
SOP-83	Non-Hazardous Waste
SOP-84	Waste Management Planning

100. Standard Forms

Form 101	Logbook Record
Form 102	Field Personnel Sign-In Log
Form 103	Visitor Sign-In Log
Form 104	Photographic Documentation
Form 105	Soil Boring Log
Form 106	Well Completion Data Form
Form 107	Well Development Data Form
Form 111	Conventional Well Purge and Sampling Field Data Form
Form 112	Low-Flow Purge Field Data Form
Form 115	Water Level Measurement Data Form
Form 116	Calibration Log

Acronyms and Abbreviations

°C	degree(s) Celsius
µmho/m	micromho(s) per meter
AGI	American Geological Institute
AST	Air Sampling Technicians
ASTM	American Society for Testing and Materials
bgs	below ground surface
CAT	Caterpillar
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CGI	combustible gas indicator
cm/sec	centimeter(s) per second
CoC	chain of custody
DO	dissolved oxygen
DOT	U.S. Department of Transportation
DPT	direct push technologies
DQO	data quality objective
EC	electrical conductivity
EM	electromagnetic
EPA	U.S. Environmental Protection Agency
FID	flame ionization detector
FSP	Field Sampling Plan
ft	foot or feet
ft/day	feet per day
ft^2/day	square feet per day
g	gamma
GC	gas chromatograph
gpd/ft	gallon(s) per day per foot
gpd/ft^2	gallon(s) per day per square foot
gpm	gallon(s) per minute
GPR	ground penetrating radar
GPS	Global Positioning System
HASP	Health and Safety Plan
HCl	hydrochloric acid

Hg	mercury
ID	inside diameter
IDLH	Immediately Dangerous to Life and Health
Jacobs	Jacobs Engineering Group Inc.
K	hydraulic conductivity
km/hr	kilometer(s) per hour
KSF	kip(s) per square foot
m/day	meter(s) per day
mag	magnetometer
mg/L	milligram(s) per liter
MHz	megahertz
mL	milliliter(s)
mL/min	milliliter(s) per minute
mm	millimeter(s)
mmho/m	millimho(s) per meter
MS/MSD	matrix spike/matrix spike duplicate
mV	millivolt(s)
NEIC	National Enforcement Investigations Center
NPT	National Pipe Thread Tapered
NTU	nephelometric turbidity unit(s)
OD	outside diameter
ORP	oxidation reduction potential
OSHA	Occupational Safety and Health Administration
OVA	organic vapor analyzer
OVM	organic vapor meter
PCB	polychlorinated biphenyl
PDB	passive diffusion bag
PID	photoionization detector
PPE	personal protective equipment
POL	petroleum, oil, and lubricants
ppm	part(s) per million
PRT	Post-Run Tubing
PSG	passive soil gas
PTPH	purgeable total petroleum hydrocarbon
PVC	polyvinyl chloride

QA	quality assurance
QC	quality control
RCRA	Resource Conservation and Recovery Act
REM	responsible environmental manager
S	storage coefficient
SDS	safety data sheet
S/m	siemens per meter
SOP	Standard Operating Procedure
STLC	soluble threshold limit concentration
SVOC	semivolatile organic compound
T	transmissivity
TCLP	toxicity characteristic leaching procedure
T&D	transportation and disposal
TPH D	total petroleum hydrocarbons as diesel
TPH G	total petroleum hydrocarbons as gasoline
TPH MO	total petroleum hydrocarbons as motor oil
TSDF	treatment, storage, and disposal facility
Tsf	ton(s) per square foot
UHP	air purge gas
USCS	Unified Soil Classification System
USDI	U.S. Department of the Interior
VMP	vapor monitoring point
VOA	volatile organic analysis
VOC	volatile organic compound

Group 10 SOPs
Recordkeeping

SOP-11 – Field Administration and Records

The purpose of this SOP is to delineate protocols for field administration and recordkeeping of field data. The forms and field logs for recordkeeping for specific procedures are discussed in the appropriate sections. Other forms and records are the responsibility of the field team leader or designee and when applicable will follow the project data management plan guidelines.

11.1 References

None.

11.2 Definitions

Terms are self-explanatory.

11.3 Associated Procedures

- SOP-12: Field Logbooks
- SOP-13: Photographic Documentation

11.4 Equipment and Supplies

- Various preprinted forms (see Group 100)
- Pens with indelible ink
- Copy machine
- Computer/Laptop

11.5 Procedures

Forms and records will be completed in indelible ink and stored at the local Jacobs office and electronically on the Jacobs Server. The field team leader or site coordinator will be responsible for maintenance and control of forms and logs, with the following exception: health and safety records will be maintained onsite by the site health and safety manager. Records pertaining to sample custody, sample shipping, and receipt at the laboratory will be retained by the sample manager.

Field personnel sign-in logs (Form 102) will be initialed every working day. Visitors, including company and project staff not included on the staff sign-in logs, will be asked to sign visitor sign-in logs (Form 103) each visit. Visitors at specific field sites will be noted by the field team leader in the appropriate field log.

11.6 Recordkeeping

Relevant field forms and records will be stored in the Jacobs office. These forms include the daily staff sign-in log, the visitor sign-in log, field logbooks, drilling, development, or pump testing information, sampling forms, chain of custody forms, and miscellaneous records of progress, equipment rental and provided services records.

Records will be copied at appropriate intervals and stored electronically with the project files.

End of SOP-11

SOP-12 – Field Logbooks

The purpose of this SOP is to delineate protocols for recording field survey and sampling information in the field logbook.

12.1 References

- U.S. Environmental Protection Agency (EPA). 1984. *Characterization of Hazardous Waste Sites – A Methods Manual: Volume II. Available Sampling Methods*, Second Edition, EPA-600/4-84-076, pp. D1-D11. December.
- EPA/National Enforcement Investigation Center (NEIC). 1982. *Policies and Procedures*. 1982. 330/9/78/011-R.
- EPA/NEIC. User's Guide to the EPA Contract Laboratory Program.

12.2 Definitions

None.

12.3 Associated Procedures

Almost all procedures are associated with a logbook. The bound field logbook is the primary field documentation instrument. Two types of field logbooks will be used: site logbooks and function logbooks. Function logbooks will be kept for the following:

- Group 20 SOPs: Sample Locating and Marking
- Group 70 SOPs: Groundwater Sampling

Health and safety information, including measurement of parameters made strictly for personnel protection, personnel decontamination, and notes on potential health or safety problems, will be recorded in a separate health and safety logbook.

Site logbooks will be used for documentation of other types of sampling and work related to that sampling at new locations on any site requiring drilling equipment. All field procedure information related to a given site, including surface soil sampling, drilling and sampling, well construction, well development, initial groundwater sampling, and waste handling until it is placed in the custody of the waste manager, and decontamination of equipment will be kept in the same series of logbooks for a given site.

12.4 Equipment and Supplies

- Waterproof, bound logbooks with consecutively numbered pages
- Rubber stamp (in the field administration office)
- Pens with indelible ink

12.5 Procedure

The field logbook serves as the primary record of field activities. Field logs such as soil boring logs and groundwater sampling forms should also be used. Data collected using digital field forms can also be used in support of the field logbook.

The site coordinator will be responsible for custody of the logbooks when they are not being used.

Pertinent work and sampling information will be recorded in a logbook during each day of the field effort. The site coordinator on a task is responsible for completing the logbook and ensuring its custody when the logbook is outside the field administration office.

When a new logbook is opened, it will be given a unique document control number, which will be written on the inside cover and on the top of page 1. Each page in the book will be numbered sequentially. The first two pages will be reserved for an index. If the logbook is a site logbook, index columns will be set up (left to right) for site identification, function, pages where the information will be found, and initials of the person that completed the work. If the logbook is a function logbook, the function column will be omitted.

Each morning, the investigation team leader will obtain the appropriate logbook(s) and complete the required information. The record for the day will be kept sequentially, beginning below the information on the stamped portion of the page. Entries will be made in indelible ink. Each page's entries will be initialed at the bottom of the page. Entries shall be made chronologically and in sufficient detail to allow the writer or a reviewer to reconstruct each day's events. Any changes to the Sampling and Analysis Plan shall be documented in the field logbook. If changes need to be made to the sampling procedures or analysis, the field staff shall contact the PM to determine the appropriate action. At the end of the day, a line will be drawn through any blank space on the page, and the author will sign and date the bottom of the final page. All corrections will consist of lined-out deletions that are initialed.

The heading for each day's work will contain the following information:

–Bradford Island NPL Site Investigation Logbook _____
Function Log ☐ Site Log ☐ HASP Log ☐
Date: _____
Function: _____ Site No.: _____ Site Identification: _____
Start Time: _____ AM Weather: _____
Log Keeper of this Logbook: _____
Sampling Team Leader: _____
Site Safety Coordinator: _____
Driller: _____
Helper: _____
Helper: _____
Other Personnel: _____
_____
OVA: Serial Number: _____ Calibration: _____
HNU: Serial Number: _____ Calibration: _____

Strict chain-of-custody (CoC) procedures will be maintained with the field logbooks. While being used in the field, the logbook will remain with the assigned log keeper at all times. Periodically, logbooks will be copied and the copies stored offsite for safe keeping.

12.6 Recordkeeping

No rules can specify the complete content of information that should be recorded. Each logbook will contain sufficient information to allow reconstruction of the field activity without relying on the memory of the field crew. If the information changes during the day, the changes should be noted. In addition to the information in the heading, the types of information that will be in the logbook include:

- Health and safety protection (level)
- Site entry conditions (observations)
- Sample location

- Sample type
- Sample depth
- Sample methodology
- Sample number
- Sample preservation
- Time of collection
- Sample collector
- Sampling difficulties
- Special conditions that may affect results
- Quality control (QC) sample(s) collected
- Variances or changes to the field sampling plan (FSP)
- Site conditions at the time of completion of sampling
- Time left site
- Signature and date by personnel

End of SOP-12

SOP-13 – Photographic Documentation

The purpose of this SOP is to assure that representative digital photographic evidence of site conditions, field technician observations, site work procedures, and completed project work are documented. The photographs or video produced may also include project-related items of significant and noteworthy interest, such as coverage of major project events, innovative field techniques, or procedures that should be documented.

It is the responsibility of the field team leader or designee to determine when and if photographs will be made during a project.

13.1 References

None.

13.2 Definitions

None.

13.3 Associated Procedures

- SOP-11: Field Administration and Records
- SOP-12: Field Logbooks

13.4 Equipment and Supplies

- Camera, with internal date stamp
- Batteries for the camera
- Photographic log form (Form 104)
- Pens with indelible ink

13.5 Procedures

The individual tasked with taking photographs will obtain a photographic log form (Form 104) and maintain the log while taking pictures. If an authorization form is required for taking photographs in the area of interest, obtain and carry a copy of the authorization form.

Check to see that the number of pictures and the completed number of pictures on the photographic log agree. If they do not agree, make a note on the photographic log.

At the end of the field day, photographs will be downloaded to the computer and stored on the Jacobs server under the project files. Completed photographic logs will be turned in to the field team leader or designee for distribution and filing of the photographs.

13.6 Recordkeeping

Besides completion of the photographic log, photographs will be listed in the site or function logbook in use. The information, at a minimum, will include:

- Photographic log sheet number
- Photograph number
- Location

- Time
- Description of picture including direction, if applicable
- Names of any persons in the picture

End of SOP-13

Group 20 SOPs
Sample Locating and Marking

SOP-21 – Sample Location Marking

21.1 References

None.

21.2 Definitions

- Marking is the physical marking on the ground of each site where one or more samples will be collected.

21.3 Associated Procedures

- SOP-12: Field Logbooks
- SOP-13: Photographic Documentation
- SOP-22: Utility Location and Clearance

21.4 Equipment and Supplies

The following equipment is required for sample location marking:

- Work Plan maps showing proposed sample locations
- Work Plan tables showing sample location designation
- Scale and tape measure
- Stakes made of 2-foot-long, 0.5-inch-diameter rebar
- Hammer and flagging
- Waterproof marking pen
- Spray paint
- Site logbook
- Global Positioning System (GPS) unit

21.5 Procedures

Sample locations may be staked in the field prior to moving equipment onto a site or beginning sampling or to support surveying of actual sample locations after sampling activities are completed. Prior permission may be needed for areas with restricted access. In areas without restricted access, it may be necessary to inform the local tenant the reason for the marking and ask that marking markers be protected.

Preliminary marking may be performed prior to utility clearances. Utility clearances must be conducted at all sampling locations where sampling activities will disturb native soil to a depth greater than 6 inches. Final clearance and documentation in the Site Logbook must be completed prior to beginning any sampling.

If the site was not surveyed prior to sample collection, the location marker must be retained or replaced until the survey is complete.

Use the map and the scale to locate the sampling point from key landmarks, such as building corners or fences. Use the tape measure to scale the distance on the ground. If practical, scale from at least two directions to locate the point on the ground as closely as possible to the map location.

If a rebar can be placed at the site, place a piece of flagging on the ground, and drive the rebar through it. Drive the rebar so that it is at least 5 inches, but no more than 12 inches into the ground. Tie additional flagging to the rebar. Mark the sampling location identification on both pieces of flagging.

If a rebar cannot be placed at the site, paint a small circle on the ground and cross the circle with an "X." Paint the location identification number on the ground next to the circle.

21.6 Recordkeeping

Records of field marking will be made in the appropriate site field logbook. Record any variance from the location shown on the map and the table; document the reason for the change.

Sketch the location, showing pertinent cultural or natural features and the distances from them. Note the type of marking (rebar or paint). Provide adequate information to allow re-marking of the location if needed.

Geophysical utility clearance documentation (SOP-22) will be recorded in site field logbook. Photographs, if taken, shall be logged and filed as described in SOP-13.

End of SOP-21

SOP-22 – Utility Location and Clearance

The purpose of this SOP for utility location and clearance at each sampling location where power equipment will be used to reach the first sampling location is to ensure that no utilities are disrupted and no field personnel are injured from encountering underground utilities.

22.1 References

None.

22.2 Definitions

Terms are self-explanatory.

22.3 Associated Procedures

- SOP-12: Field Logbooks
- SOP-21: Sample Location Marking

22.4 Equipment and Supplies

The following documents and equipment is required for utility clearance:

- Site plans from the Work Plan showing the sample locations
- Site logbook
- Marking paint
- Geophysical equipment (subcontractor)

22.5 Procedures

Utility clearances will be made prior to collecting any sample that uses power equipment to reach the sample depth. Non-intrusive (geophysical) utility clearances will be completed by a subcontractor accompanied by a representative of the site coordinator. Forms showing the results of the geophysical survey will be completed in the field. Utility clearances will also be made for drilling by using a hand auger or by air knifing.

After setting the stake or the paint mark, geophysical methods (through a subcontractor) will be used to identify locations of underground lines, tanks, or other belowground items that might cause a hazard during drilling or excavation.

Where utilities can be determined, nearby utilities will be marked on the ground by painting along the centerline of the utility. The type of utility will be marked next to the line.

Where a geophysical survey is required, if a stake must be moved because of utility interference, and if the distance is 2 feet or more in any direction, or if the location is one with a large number of underground utilities, a replacement geophysical survey will be completed for the new location. Records will be kept for both locations with the original and the replacement locations clearly differentiated.

22.6 Recordkeeping

Field utility clearance will be documented in the appropriate site logbook. The site identification, the personnel, the type of equipment used, and the markings left at the site will be recorded.

Originals of geophysical records will be filed sequentially by site in a permanent file in the Jacobs office and stored electronically on the Jacobs Server under the project files. Working copies of the geophysical sketch will be available in a three-ring binder for taking to the field during drill rig setup and initial drilling.

End of SOP-22

SOP-23 – Land Surveying

The purpose of this SOP is to set programmatic criteria for land surveying by a certified or licensed land surveyor.

23.1 References

Surveying shall incorporate the requirements of EM 110-1-1005, Control and Topographic Surveying, which is located at the following web address: http://www.usace.army.mil/publications/eng-regs/er1110-1-8156/toc.htm.

23.2 Definitions

- Surveying involves the science and techniques for accurately determining the terrestrial or three-dimensional space position of points and the distances and angles between them. These points are usually used to establish the locations of monitoring devices (including wells, soil borings), site boundaries, and topography for land maps.
- NAD83 is the North American Datum of 1983.
- NAVD88 is the North American Vertical Datum of 1988.

23.3 Associated Procedures

- SOP-12: Field Logbooks
- SOP-21: Sample Location Marking

23.4 Equipment and Supplies

- Survey instruments

23.5 Procedures and Guidelines

23.5.1 Surveying General

All locations will be surveyed by a professional land surveyor, licensed by the State of Oregon.

- Survey instruments shall be inspected and calibrated by an authorized manufacturer's representative in accordance with the manufacturer's specifications regarding procedures and frequencies.
- At a minimum, instruments shall have been calibrated no more than 6 months prior to the start of the survey work.

23.5.2 Surveying Guidelines

The Subcontractor shall perform surveying in accordance with the following guidelines:

- Survey data should include, at a minimum and depending on the type of location (e.g., soil boring, monitoring well, excavation points), the following fields:
  - Data source (organization reporting the data)
  - Survey date
  - Site name

  - Project number
  - Location name
  - Northing
  - Easting
  - Latitude (decimal degrees [DD])
  - Longitude (DD)
  - Ground surface elevation
  - Measuring point elevation (top of casing) for wells only[1]
  - Top of rim for wells and vaults
  - Riser height (top of rim to ground) for wells only
  - Concrete pad elevation for wells only
  - Comments on any notable issues, benchmarks used, etc.

- Survey data (Northing and Easting) will be relative to the World Geodetic System (WGS) 84 spheroid (measured in decimal degrees and reported to 7 decimal points). Transformed final adjusted horizontal data shall be projected to North American Datum of 1983 (NAD83/HARN), Oregon State Plane North, International Feet. Vertical datum shall be projected to the North American Vertical Datum of 1988 Feet.
- Horizontal and vertical datum should be reported to 0.01-foot and accurate to ±0.10 foot horizontally and to ±0.03 foot vertically at a 95 percent confidence level relative to the onsite control.
- Survey data (latitude [Y coordinate] and the longitude [X coordinate]) will be measured in decimal degrees (DD), and reported to 7 decimal points.
- Measuring Point Elevation (top of casing) will be surveyed at the water-level measuring point (black mark on the top of casing). If the measuring point is not clearly marked, the surveyor shall mark the location that is surveyed (typically on the north side of top of casing).

23.6 Recordkeeping

The Subcontractor shall provide one electronic copy (PDF is acceptable) and one hard copy of the final survey report, stamped by a State of Oregon licensed Land Surveyor within the timeframe identified in the scope of work prepared for the surveyor purchase requisition. The final report will include the survey data for all points in tabular format. The Subcontractor shall also provide the survey data in Microsoft Excel format.

Documentation of surveying activities by the site coordinator or their designee shall follow guidelines contained in this technical procedure and noted in SOP-12 (Field Logbooks).

End of SOP-23

[1] The relative elevations of locations on the site (intrasite well elevations) are to be measured within 0.01 feet. The accuracy of the absolute elevation, the value referenced to a vertical datum, may exceed 0.1 feet, primarily due to the distance to valid benchmark(s) and the methods used to bring elevation on site.

Group 30 SOPs
Sample Management

SOP-31 – Sample Management

The purpose of this SOP is to delineate protocols for assuring representative environmental sample data by documenting the management of samples from time of collection through analysis and final disposition. This SOP includes information on selecting and using sample containers, how samples are handled in the field, CoC, and shipping procedures.

31.1 References

- EPA. 1984. Characterization of Hazardous Waste Sites – A Methods Manual: Volume II. Available Sampling Methods, Second Edition. EPA-600/4-84-076, pp. D1-D11. December 1984.
- EPA/NEIC. 1987. *Policies and Procedures*. 330/9/78/011-R.
- EPA/NEIC. User's Guide to the EPA Contract Laboratory Program.

31.2 Definitions

- Representative environmental data is a term used to describe the degree to which data portray the true conditions at a specific location and time.
- Sample management is a set of procedures used to ensure the integrity of a sample is maintained. Stringent documentation of the implementation of these procedures is required to satisfy legal requirements if sample data are used in litigation.
- Custody is the physical control of an object, in this case, of an environmental sample.
- Chain-of-custody refers to the process identifying those individuals who sequentially maintain physical custody of the sample.
- Chain-of-custody record is the documentation of the CoC showing times, dates, and names of the individuals relinquishing and receiving the samples identified on the record.
- Custody seals are narrow strips of adhesive paper used to document that tampering with the sample cooler has not occurred from the time of collection to laboratory receipt.

31.3 Associated Procedures

- SOP-12: Field Logbooks
- SOP-13: Photographic Documentation
- SOP-52: Collection of Surface Soil Samples
- SOP-53: Subsurface Soil Sampling
- SOP-73A: Low-Flow Groundwater Purging and Sample Collection
- SOP-76: Field Filtration of Water

31.4 Equipment and Supplies

- Sample containers
- Various preprinted forms (see Group 100)
- Pens with indelible ink
- Preservatives, if not added prior to fieldwork
- Sampling labels

31.5 Procedures

All samples will be collected as described in the individual SOPs. The following procedures describe sample collection, handling, and custody procedures.

31.5.1 Sample Containers from the Laboratory

Sample containers will be shipped from the laboratory in sealed boxes and will be certified as decontaminated prior to being shipped. Where applicable, preservatives may be placed in the containers prior to their arrival at the field site.

Prior to leaving for the field, the sampling team leader will obtain the proper containers and forms from the site coordinator or sample manager. The labels will be partially completed prior to moving to the field. The containers will be left closed until needed for the sample.

31.5.2 Sample Collection and Handling in the Field

Following appropriate sample handling procedures will ensure samples arrive at the laboratory intact, at the proper temperature, and free of external contamination. Samples may be shipped to designated laboratories via overnight carriers according to U.S. Department of Transportation (DOT) standards, or the samples may be delivered to local laboratories by project personnel or courier. CoC procedures will be followed during any form of transport.

Any samples defined as hazardous materials will be packaged and shipped in accordance with requirements defined in the *Code of Federal Regulations* (CFR) (40 CFR 49, Chapter 1, Part 171). These requirements detail the proper classification and identification procedures for transporting hazardous materials.

When samples are required to be stored at 4 degrees Celsius (°C) or less, generous amounts of bagged ice will be packed with the samples. The ice will contact each sample and will be present at the top and bottom of the container. Samples will be cooled with ice or in a refrigerator (if available) before being packed for shipment.

The following procedures will be used to prevent bottle breakage and cross contamination:

- Sample bottles will be sealed in individual plastic bags.
- All samples will be transported inside appropriate containers.
- All 40-milliliter (mL) volatile organic analysis (VOA) bottles will be placed in blocks of foam or in plastic mesh sleeves.
- All other glass bottles will be placed in plastic mesh sleeves to prevent glass-to-glass contact.
- Bagged ice and/or foam blocks will be used to separate glass bottles.
- The original CoC form will be packed inside the shipping container.
- The containers will be taped shut and sealed with signed custody seals.
- Samples that are known or suspected to be highly contaminated (based on field screening data or observation) will be packaged and shipped separately from other samples.
- Laboratories will be notified of any known or suspected highly contaminated samples. These samples will be stored separately from less-contaminated samples to minimize the potential for contamination.

31.5.3 Sample Custody

Sample custody will be documented through the use of CoC forms. These forms will be used to track sample custody from the point of sample collection through sample disposal. Security of samples will be ensured by the use of the following procedures.

The site coordinator or sample manager will maintain a supply of custody documents, and will be responsible for inventory of serialized documents and assignment of these documents to specific tasks and sampling team leaders. Assignments will be noted in a logbook. All unused custody documents will be returned to the sample manager at the end of each sampling period.

31.5.3.1 Field Custody

The field sampler is personally responsible for the care and custody of the samples collected until they are transferred to the sample manager or other responsible person. If a field sampling database capable of generating CoCs is not available to the sampling team, the field sampler will enter the sample information on the CoC forms in the field as each sample is collected. If a field sampling database is utilized, the sampler will complete the field worksheet and return it to the sample manager for electronic CoC generation. The site manager will be responsible for determining if proper custody procedures were followed and if additional samples are required because of a question of custody.

Whenever samples are split with another party or government agency, the field sampler will note this split in the Remarks section of the CoC form. The note will indicate with whom the samples were split and will be signed by both the sampler and the recipient. If a representative is unavailable or refuses to sign, the sampler will note this in the Remarks section of the CoC form.

Sample custody during all sampling efforts must be traceable from the time of collection until the results are verified and reported by the laboratory and the samples are disposed of. According to NEIC Policies and Procedures (NEIC 1987), a sample is under custody if:

- It is in your possession
- It is in your view, after being in your possession
- It was in your possession and you locked it up
- It is in a designated secure area

31.5.3.2 Transfer of Custody

The CoC form must leave with the samples. When transferring samples, the individuals relinquishing and receiving them will sign, date, and note the time on the CoC. The time of relinquishment and receipt will be identical to document unbroken CoC. Notation of the bill of lading number and the signature of the shipping company agent on that bill of lading serve to keep the CoC intact during shipping.

31.5.3.3 Sample Custody During Shipment

Completion of sample CoC forms and sample packaging for shipment is performed in the supplier's staging area. Designated field and/or sample control staff will complete and verify CoC forms and pack samples for shipment.

If samples are collected for onsite laboratory analysis, the sample control designee or field team member will log in the samples and release them to the onsite laboratory. Sample transfer between supplier staff or between supplier staff and courier or laboratory will be documented by signing and dating "relinquished by" and "received by" blocks whenever sample possession changes. Samples will be released for shipment by overnight couriers by noting the air bill number on the CoC form.

31.5.3.4 Sample Security

If samples are not shipped on the collection day, they will be refrigerated or stored on ice in the sample staging area. Security is maintained by having locked supplier facilities in the staging area, a locked security fence surrounding the staging area, and limited access to the site.

31.5.4 Sample Packaging and Shipping

Collection of samples to be shipped offsite will be coordinated to ensure shipping can occur in a timely manner and that the holding times of the samples will not be exceeded. This condition may mean that sampling cannot occur after a certain hour of the day or on specific days of the week. Samples will be delivered to the person responsible for packaging and shipping as expediently as is practical.

The samples will be removed from the field container (ice chest) and the site coordinator or sample manager will check for the following items:

- The information on the sample labels agrees with the information on the CoC form.
- The samples are cold.

If both of these conditions are met, the site coordinator or sample manager will sign the CoC form and take delivery of the samples. Packaging will be as shown on the packaging diagrams to reduce the chance of container breakage or spillage.

The protected sample containers will be placed into an ice chest with adequate ice for shipment to the laboratory. The seals shall be placed over the left and right sides of the cooler cover. Each custody seal must be signed and dated. Clear tape should be placed over each custody seal to prevent the custody seals from easily tearing or falling off. The CoC, with the shipper's bill of lading number will be placed in a plastic bag and taped to the inside of lid of the shipping container. Note: Several CoC forms and associated samples may be shipped in a single ice chest.

31.5.5 Chain-of-Custody Form

The CoC form completion procedures are crucial in properly transferring the custody and responsibility of samples from field personnel to the laboratory. This form also is important for accurately and concisely requesting analyses for each sample; it is essentially a release order from the analysis subcontract.

Field personnel shall also log individual samples onto CoC forms when a sample is collected. These forms may also serve as the request for analyses.

The samplers shall sign the CoC form signifying they were the personnel who collected the samples. The CoC form shall accompany the samples from the field to the laboratory. If the samples are given to another person for shipment, the sampler must transfer custody of the samples to that person. This transfer shall be indicated on the CoC form. When the sample shipping container (cooler) is ready for shipment to the analytical laboratory, the name of the shipping company, along with the tracking number, shall be documented on the CoC form, indicating a transfer of custody from the field to the shipping company. One copy of the CoC form shall be retained by the field personnel while the original CoC form is placed in a plastic zip sleeve and taped to the inside of the sample shipping container (cooler) cover.

Each sample shipping container (cooler) must contain a CoC form that documents custody for all samples shipped in that container.

The electronic version of the CoC forms shall be sent by e-mail or fax to both the laboratory and the project chemist in order to alert them that the samples are in transit to the laboratory.

The CoC form, sample labels, and field documentation are cross-checked to verify sample identification, type of analysis, number of containers, sample volume, preservatives, collection time, and type of sample container.

The following information will be recorded on the CoC form:

- Sample identification
- Date and time of collection
- Sampler initials
- Analytical method(s) requested
- Sample volume (e.g., three 40-mL vials)
- Sample matrix (e.g., soil or groundwater)
- Preservative (e.g., hydrochloric acid [HCl])
- Request for matrix spike analysis or other QC analysis
- Signature blocks for release and acceptance of samples
- Time blocks for release and acceptance of samples
- Any comments to identify special conditions or requests

Suppliers for individual projects may create project-specific CoC forms, but they must contain (at a minimum) the information described previously.

31.6 Recordkeeping

The CoC form shall be sent by e-mail or faxed to the project chemist and the laboratory upon shipment of the sample shipping containers (coolers). The original CoC form shall be submitted by the laboratory, along with the final data packages. Any changes to the analytical requests on the CoC form or the laboratory purchase order shall be made in writing to the laboratory. A copy of this written change shall be sent to the project manager, laboratory, and placed in the project files. The reason for the change shall be included in the sample log and project files so that recurring problems can be easily identified.

Following the completion of project activities, the sample logbooks, sample logs, and CoC forms shall be sent to the Project Management Office for storage in project files.

No individual records of new, unused sampling containers will be kept. Information of whether preservatives are added at the laboratory, by the sample manager, or in the field will be recorded in the same locations as the sample identification.

The sample number will be recorded in all appropriate places, including the field logbook, the CoC, sample logbook, each sample jar, and boring logs.

The CoC forms associated with each sampling effort will be numbered sequentially and all CoC forms used during the field season will be accounted for. If manual CoC forms are being used, the sample logbook will list each CoC form, the samples associated with that form, the laboratory to which the samples were shipped, and the date of shipment. If a field sampling database is being used, this information will be maintained in the field database.

End of SOP-31

Group 40 SOPs
Decontamination

SOP-41 – Decontamination – Steam Cleaning

The purpose of this SOP is to delineate protocols for decontaminating vehicles and other large equipment used at sampling locations. Decontamination of equipment and personal protective equipment (PPE) is designed to ensure the introduction and transfer of contamination is minimized.

Vehicles and other large equipment will be cleaned with a steam cleaner or high-pressure hot water cleaner prior to drilling operations and between borings. Monitoring well casings, screens, and fittings will be delivered to the site in a clean condition or cleaned in the manner described in this section prior to moving them to the well construction location.

41.1 References

- EPA. 1990. Procedures to Schedule and Complete Sampling Activities in Cooperation with EPA Region VII Environmental Services Division. February.
- EPA Region VII. 1991. Environmental Services Division Operations and Quality Assurance Manual. February 1.
- EPA. A Compendium of Superfund Field Operations Methods, Volumes I and II. EPA/540/P-87/001a&b.

41.2 Definitions

- Potable water is water that is considered fit to drink or drinkable, usually obtained from a drinking water well or a public water supply system.

41.3 Associated Procedures

- SOP-53: Subsurface Soil Sampling
- SOP-61: Monitoring Well/Piezometer Drilling and Installation
- SOP-62: Well Development

41.4 Equipment and Supplies

- Vehicles, equipment, or materials to be cleaned
- High-pressure, hot-water, or steam cleaner
- Low-phosphate soap
- Clean 55-gallon drums (for pumps, pipes, and larger equipment)

41.5 Procedures

The procedures listed here assume a dedicated decontamination area and pad are available at a central location for site field activities.

Drilling rigs and pump pulling units will be cleaned prior to moving to the sampling location. Geophysical service trucks that do not appear to be clean will be decontaminated at the pad prior to going onsite. Concrete delivery trucks will not require decontamination prior to visiting a sampling location, but will be cleaned prior to leaving, if they have entered the exclusion zone and have picked up contaminants.

At the sampling location, loose dirt will be brushed from the vehicle prior to moving the vehicle. Special attention will be paid to the wheels, so contaminated soil will not drop off between the sampling

location and the decontamination pad. The material removed will be placed in the solid waste container at the sampling location.

The vehicle and ancillary equipment will be moved to an approved decontamination pad, where the following cleaning sequence will occur:

1. Wet down the vehicle or other item with high-pressure water or steam, using potable water as the source.
2. Turn on the soap dispenser and wash the vehicle or other item completely, with special attention to areas around the wheels and the areas that have been or will be near the drilling and sampling equipment.
3. Turn off the soap dispenser and rinse the vehicle or other item completely.
4. Rinse off the decontamination pad.
5. Remove the vehicle or other item to the side of the pad to air dry.

Equipment, such as pumps, short pieces of pipe, bailers, and surge blocks will be taken to the decontamination pad and decontaminated in the following manner.

1. Rinse with a steam cleaner or high-pressure hot water cleaner to remove as much particulate matter as possible.
2. Place pump or other item in a 55-gallon drum containing the soap solution. Where possible, operate the pump to flush solution through it. Agitate non-powered items to run the solution through the interior portions.
3. Remove the item from the soap solution, place in a second 55-gallon drum of clean potable water and flush again.
4. Place the item in a clean area of the decontamination pad to air dry.

41.6 Recordkeeping

Decontamination will be documented in the same logbook used to document the use of the equipment. The information will include the following:

- Date and time
- Sampling location where the items became contaminated
- Method of decontamination
- Person completing and witnessing the decontamination procedure
- Items decontaminated (identified by license, rig number, or serial number)

End of SOP-41

SOP-42 – Decontamination – Wash and Rinse Method

The purpose of this SOP is to delineate protocols for decontaminating relatively small, reusable sampling equipment. Decontamination of equipment and PPE is designed to ensure the introduction and transfer of contamination is minimized. Equipment used for surface water sampling, soil sampling, well development, pump testing, and or slug testing will be decontaminated using the wash and rinse method, prior to and after use. This equipment includes shovels, trowels, augers, split-spoon samplers, various development tools, pumps, bailers, and downhole piping. Decontamination wastes are containerized and transported offsite to a licensed treatment, storage, and disposal facility (TSDF).

42.1 References

- EPA. 1990. Procedures to Schedule and Complete Sampling Activities in Cooperation with EPA Region VII Environmental Services Division. February.
- EPA Region VII. 1991. Environmental Services Division Operations and Quality Assurance Manual. February 1.
- EPA. A Compendium of Superfund Field Operations Methods, Volumes I and II. EPA/540/P-87/001a&b.

42.2 Definitions

- Deionized water is prepared by reverse osmosis (see below).
- Distilled water is prepared by distillation. Note that deionized and distilled are often used interchangeably. The term deionized is used here, but distilled water could also be substituted in most instances.
- Potable water is water that is considered fit to drink or drinkable, usually obtained from a drinking water well or a public water supply system.

42.3 Associated Procedures

- SOP-52: Collection of Surface Soil Samples
- SOP-53: Subsurface Soil Sampling
- SOP-61: Monitoring Well/Piezometer Drilling and Installation
- SOP-62: Well Development
- SOP-73A: Low-Flow Groundwater Purging and Sample Collection
- SOP-76: Field Filtration of Water

42.4 Equipment and Supplies

- Equipment or materials to be cleaned
- Tubs or other containers for wash and rinse solution
- Low-phosphate soap
- Bottled water (potable and deionized)
- Scrub brushes
- Spray bottles

- Clean plastic wrap
- Containers for storing or moving residual waste products

42.5 Procedures

Equipment used for soil sampling, surface water sampling, and groundwater sampling that is cleaned and reused in the field without returning to the decontamination pad will be decontaminated using the following procedure.

- The equipment will be scrubbed clean with the low-phosphate soap solution and a stiff, long-bristle scrub brush. All waste solution will be containerized.
- The equipment will be rinsed over a rinsate tub with clean potable water.
- The equipment will be spray rinsed with deionized water, then allowed to drain and air dry.
- The equipment will be placed on a clean sheet of plastic and covered with another sheet if it is not to be used immediately.

In order to verify that the sampling devices have been decontaminated, equipment rinsate blanks will be collected. Equipment blanks consist of organic-free reagent water to be poured into, over, or pumped through the sampling device; collected in a sample container submitted to the laboratory for analysis by the same analytical methods for which the primary samples that were collected by the sampling device prior to decontamination were analyzed.

Any solid or liquid waste from the field decontamination will be containerized and moved to the waste staging area. Smaller amounts of decontamination waste may be containerized separately in 55-gallon drums or in larger containers with compatible wastes. Any decontamination project that requires a large amount of wash and rinse water should be moved to an approved decontamination pad (see SOP-41) in order to facilitate the collection and treatment of wash and rinse water.

42.6 Recordkeeping

Decontamination will be documented in the same logbook (site or function) used to document the use of the equipment. The information will include the following:

- Date and time
- Sampling location where the items became contaminated
- Method of decontamination
- Person completing and witnessing the decontamination procedure
- Items decontaminated

End of SOP-42

SOP-43 – Decontamination – Wipe Method

The purpose of this SOP is to delineate protocols for decontaminating relatively small, reusable sampling equipment that is impractical for immersion in water. Decontamination of equipment and PPE is designed to ensure the introduction and transfer of contamination is minimized.

Equipment for which immersion in water is impractical and which is used for surface water sampling, soil sampling, well development, pump testing, and slug testing will be decontaminated using the wipe method, prior to and after use at each. These items include such things as steel tapes, electric sounders, soil gas probes, transducers, and geophysical and video logging equipment.

43.1 References

- EPA. 1990. Procedures to Schedule and Complete Sampling Activities in Cooperation with EPA Region VII Environmental Services Division. February.
- EPA Region VII. 1991. Environmental Services Division Operations and Quality Assurance Manual. February 1.
- EPA. A Compendium of Superfund Field Operations Methods, Volumes I and II. EPA/540/P-87/001a&b.

43.2 Definitions

- Deionized water is prepared by reverse osmosis (see below).
- Distilled water is prepared by distillation. Note that deionized and distilled are often used interchangeably. The term deionized is used here, but distilled water could also be substituted in most instances.
- Potable water is water that is considered fit to drink or drinkable, usually obtained from a drinking water well or a public water supply system.

43.3 Associated Procedures

- Group 30 SOPs
- SOP-71: Water-Level and Well Depth Measurements

43.4 Equipment and Supplies

- Disposable soap-impregnated cloths
- Bottled potable and deionized water
- Storage for rinsate

43.5 Procedures

The steel tape, electric sounder, or geophysical cable and attachment will be wiped with the disposable soap-impregnated cloth and rinsed with potable water as it is being pulled from each well. The equipment will then be rinsed with deionized water and allowed to air dry. If floating product is encountered, the equipment will be decontaminated to procedures set forth in SOP-42.

Soap-pad wipes may be disposed with the PPE in the 55-gallon drum at the site or with other compatible waste. Rinse water should be containerized with development water. During groundwater elevation surveys, a liquid waste disposal drum should be carried in the vehicle.

43.6 Recordkeeping

Decontamination will be documented in the same logbook (site or function) used to document the use of the equipment. The information will include the following:

- Date and time
- Sampling location where the items became contaminated
- Method of decontamination
- Person completing and witnessing the decontamination procedure
- Items decontaminated

End of SOP-43

Group 50 SOPs
Soil, Surface Water, and In Situ Groundwater Sampling

SOP-51 – Lithologic Logging

The purpose of this SOP is to delineate protocols for ensuring all field personnel describe soils in a uniform manner.

51.1 References

- American Geological Institute (AGI). 1989. AGI data sheets, 3rd ed. Sheets 3.1-3.8.
- American Society for Testing and Materials (ASTM). 2000. ASTM Standard D2488-00, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).
- Tenissen, A.C. 1983. *Nature of Earth Materials*, 2nd ed. P. 204-208.

51.2 Definitions

Terms are self-explanatory.

51.3 Associated Procedures

- SOP-12: Field Logbooks
- SOP-52: Collection of Surface Soil Samples
- SOP-53: Subsurface Soil Sampling
- SOP-54: Soil Gas Headspace Measurements

51.4 Equipment and Supplies

- Boring Log Form (SOP-105)
- Field logbook
- Pens with indelible ink
- Color chart
- Hand lens

51.5 Procedures

Specific procedures have been developed for logging boreholes and test pits. The site coordinator will provide each sampling team leader with a copy of the Jacobs document on sampling prior to beginning the fieldwork. Forms will be completed for any surface (0 to 1 foot) or subsurface (deeper than 1 foot) boring or test pit.

51.5.1 Unconsolidated Materials

Unconsolidated materials include soils (engineering usage) or deposits.

51.5.1.1 Soil Sample Descriptions

The suggested order of terms is as follows:

1. Soil type (Unified Soil Classification System [USCS] group name and group symbol)
2. Munsell color
3. Consistency, relative density, or degree of cementation
4. Moisture content
5. Structure

6. Coarse-grained soil: grain size, grain grading, grain angularity
7. Fine-grained soil: plasticity/toughness, dilatancy, dry strength
8. Trace components
9. Contamination (e.g., odor and staining, if encountered)

The method of describing these terms is addressed below.

51.5.1.2 Soil Types

Use the descriptions for soil in the USCS and ASTMD-2488-00 as shown in Tables 51-1 through 51-5. Order and present the terms as follows:

1. Major Soil Component – That portion of the soil that is the predominant grain-size constituent. Record the USCS group name and group symbol, in accordance with ASTMD-2488-00. Use unabbreviated and capitalized nouns for the group name (e.g., LEAN CLAY, SILT, WELL GRADED SAND, or POORLY GRADED GRAVEL). Use capital letters enclosed in parentheses for the group symbols (e.g., (CL), (ML), (SW), or (GP). TOPSOIL is an adequate single term for the naturally occurring organic soil found at the ground surface.
2. Secondary and Tertiary (if needed) Components – Those components greater than 20 percent of total composition, if present.

If needed, use the term slightly to modify a component that comprises less than 20 percent of the total soil mass being described, and the term trace to modify a component that comprises less than 10 percent of the total soil mass being described. Visual descriptions should include the major soil constituent first, followed by any modifiers in the order of importance (e.g., SAND, clayey, trace silt).

51.5.1.3 Color

The color for soil should conform to numerical Munsell notation. List the major color first, followed by any accessory colors (e.g., clay, yellow brown with light-green mottles). When secondary or tertiary descriptors are used, the color designation should follow each descriptor.

51.5.1.4 Consistency and Relative Density

Include the relative density of cohesionless soils and the consistency of cohesive soils in visual classifications. Use Table 51-1 in describing the consistency of cohesive soils and Table 51-2 in describing the relative density of cohesionless soils.

Table 51-1. Consistency of Cohesive Soils
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Consistency	q_u (Tsf)[a]	Rule-of-Thumb	Blows[b] per foot
Very soft	< 0.25 (0.5 KSF)	Easily penetrated several inches by a fist.	0 to 1
Soft	0.25 to 0.50 (0.5 to 1 KSF)	Easily penetrated several inches by thumb.	2 to 4
Firm	0.50 to 1 (1 to 2 KSF)	Can be penetrated several inches by thumb with moderate effort.	5 to 8
Stiff	1 to 2 (2 to 4 KSF)	Readily indented by thumb, but penetrated only with great effort.	9 to 15
Very stiff	2 to 4 (4 to 8 KSF)	Readily indented by thumbnail.	16 to 30
Hard	> 4 (> 8 KSF)	Indented only with difficulty by thumbnail	> 30

[a] q_u is unconfined compressive strength in tons per square foot.
[b] Blows as measured with 2-inch-OD, 1⅜-inch-ID sampler driven 1 foot by 140-lb hammer falling 30 inches. See Standard Method for Penetration Test and Split-Barrel Sampling of Soils, ASTM D 1586-08. The resistances measured with a 2-inch-ID, 2.5-inch-OD sampler driven with a 300-lb hammer falling 18 inches, as specified by some building codes, are roughly equivalent to those measured by the standard test. The consistency shown is not applicable if the blow counts are increased by the presence of rock fragments, chert, pebbles, etc.

Table 51-1. Consistency of Cohesive Soils
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Notes:

The rules of thumb and the results of the penetration test given in Columns 3 and 4 are used only to determine the consistency of soils as described by the terms in Column 1. The values in Column 2, unconfined compressive strength, are given only to serve as a means of checking the field methods against laboratory methods. A pocket penetrometer will provide a quick approximation of the actual unconfined compressive strength. The values from Column 2 should not be used for design purposes without laboratory verification.

KSF = kip(s) per square foot
Tsf = ton(s) per square foot

Table 51-2. Relative Density of Cohesionless Soils
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Term	Rule-of-Thumb	Blows* per foot
Very loose	Easily penetrated with a 0.5-inch steel rod pushed by hand	0 to 4
Loose	Easily penetrated with a 0.5-inch steel rod pushed by hand	5 to 10
Medium	Easily penetrated with a 0.5-inch steel rod driven with 5-lb hammer	11 to 30
Dense	Penetrated 1 foot with a 0.5-inch steel rod driven with 5-lb hammer	31 to 50
Very dense	Penetrated only a few inches with a 0.5-inch steel rod driven with 5-lb hammer	> 50

* Blows as measured with 2-inch-OD, 1⅜-inch-ID sampler driven 1 foot by 140-lb hammer falling 3 inches. See Standard Method for Penetration Test and Split-Barrel Sampling of Soils, ASTM D 1586-08. The resistances measured with a 2-inch-ID, 2.5-inch-OD sampler driven with a 300-lb hammer falling 18 inches, as specified by some building codes, are roughly equivalent to those measured by the standard test. The consistency shown is not applicable if the blow counts are increased by the presence of rock fragments, chert, pebbles, etc.

Note:

The rules of thumb shown in Column 2 are only given as an example of one of numerous simple field procedures that are used herein for selecting an adjective to describe density. The results of the penetration test, as shown in Column 3, are widely accepted as a standard for the descriptive terms shown in Column 1.

51.5.1.5 Structure

Describe the structural features of the soils, such as fissures, slickensides, lenses, and cross-bedding.

51.5.1.6 Moisture Content

Use the criteria for describing the moisture content of soils found in Table 51-3.

Table 51-3. Criteria for Estimating Moisture Content of Soils
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Description	Criteria
Relative Moisture	
Dry	Absence of moisture, dusty, dry to touch
Damp	Very slight amount of water
Moist	Contains water but no visible water when shaken
Wet	Visible free water when shaken but will contain air voids
Saturated	Visible free water; for soils below the water table (all void space is filled with water)

51.5.1.7 Accessories

Include elements such as rock fragments, fine roots, or nodules in the description following all other modifiers for the major components of the soil matrix. Describe any mineralogical or other significant components here.

51.5.1.8 Contamination

If monitoring indicates the presence of chemical contamination, note that fact in detail.

51.5.1.9 Descriptors

To provide consistency in logging soils, use standard soil descriptors provided in Tables 51-4 and 51-5.

Table 51-4. Relative Soil Proportion Terminology
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Descriptive Term	Percent
Trace	1 to 10
Little	11 to 20
Some	21 to 35
And	36 to 50

Order and Punctuation:

1. Primary Soil Type
2. Secondary Soil Type
3. Tertiary Soil Type
4. Color
5. Consistency, Density (following each soil type)
6. Structure
7. Moisture Content
8. Trace Components, Sorting

Table 51-5. Standard Soil Descriptions
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Grain-Size Terminology		
Boulders		8-inch diameter or more
Cobbles		3- to 12-inch diameter
Gravel	Coarse	0.75-inch to 3-inch diameter (thumb- to fist-size)
	Fine	3/16-inch to 0.75-inch diameter (pea- to thumb-size)
Sand	Coarse	2.0 mm to 4.75 mm (rock salt- to pea-size)
	Medium	0.0425 mm to 2.0 mm (sugar- to rock salt-size)
	Fine	0.0075 mm to 0.0425 mm (flour- to sugar-size)
Silt/Clay		< 0.0075 mm (cannot see particles without > 10 × magnification)

Consistency		*Density*	
Very Soft	1 blow/foot or less	Very Loose	4 blows/foot or less
Soft	2 to 4 blows/foot	Loose	5 to 10 blows/foot
Firm	5 to 8 blows/foot	Medium	11 to 30 blows/foot
Stiff	9 to 15 blows/foot	Dense	31 to 50 blows/foot
Very Stiff	16 to 30 blows/foot	Very Dense	51 blows/foot or more
Hard	31 blows/foot or more		

Table 51-5. Standard Soil Descriptions
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Estimated Plasticity, Silt/Clay Content

Thread Diameter (in.)	PI	Identification
1/4	0	Silt
1/8	5 to 10	Silted Clay
1/16	10 to 20	Clay and Silt
1/32	20 to 40	Silty Clay
1/64	40	Clay

Note:
mm = millimeter(s)

51.5.1.10 Plasticity

Plasticity will be determined by rolling the soil in between the soil logger's hands into a thread. The diameter of the thread produced identifies the plasticity.

51.5.1.11 Measurement

Record all lengths and measurements in feet and tenths of feet.

51.5.2 Consolidated Materials

Consolidated materials include igneous, metamorphic, and sedimentary rocks.

51.5.2.1 Rock Sample Descriptions

The suggested order of terms is as follows:

1. Lithology and texture
2. Color
3. Hardness
4. Weathering
5. Grain size
6. Bedding/structure
7. Discontinuity descriptions
8. Stratigraphic unit
9. Measurements

The suggested method of describing these terms is addressed below.

51.5.2.2 Lithology and Texture

A lithologic description is provided of the rock and its mineral composition (the geologic name, such as granite, basalt, or sandstone, usually describes the rock's origin). Lithologic descriptions should conform to Tenissen, A.C., 1983, *Nature of Earth Materials*, 2nd ed. P. 204-208. The description of the rock matrix includes grain size, sorting, packing, and cementation (i.e., interlocking, cemented, or laminated-foliated). For rock symbols, use AAPG sample examination manual. For geologic structure symbols, use AGI data sheets, 3rd ed., 1989, sheets 3.1-3.8.

51.5.2.3 Color

The color descriptions should be designated by the Munsell Color System. List the major color first, followed by any accessory colors. If secondary or tertiary descriptors are used, the color designation should follow each descriptor.

51.5.2.4 Hardness

The following terms are used to describe hardness:

- Very hard – Cannot be scratched with a knife. Does not leave a groove on the rock surface when scratched.
- Hard – Difficult to scratch with a knife. Leaves a faint groove with sharp edges.
- Medium – Can be scratched with a knife. Leaves a well-defined groove with sharp edges.
- Soft – Easily scratched with a knife. Leaves a deep groove with broken edges.
- Very soft – Can be scratched with a fingernail.

51.5.2.5 Weathering

The following terms are used to describe weathering:

- Fresh – Rock is unstained. May be fractured, but discontinuities are not stained.
- Slight – Rock is unstained. Discontinuities show some staining on the surfaces of rocks, but discoloration does not penetrate rock mass.
- Moderate – Discontinuity surfaces are stained. Discoloration may extend into rock along surfaces.
- High – Individual rock fragments are thoroughly stained and can be crushed with a pressure hammer. Discontinuity surfaces are thoroughly stained and may be crumbly.
- Severe – Rock appears to consist of gravel-sized fragments in a soil matrix. Individual fragments are thoroughly discolored and can be broken with fingers.

51.5.2.6 Grain Size

Describe grain size as fine-grained, medium-grained, or coarse-grained. The modified Wentworth scale is normally used. Grain-size terminology is presented in Table 51-5.

51.5.2.7 Description of Bedding or Joint of Fracture Spacing

Table 51-6 presents the guidelines for describing bedding, joint, or fracture spacing.

Table 51-6. Guidelines for Describing Bedding, Joint, or Fracture Spacing
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Spacing	Joints	Bedding or Foliation
< 2 inches	Very close	Very thin
2 inches to 1 foot	Close	Thin
1 to 3 feet	Moderately close	Medium
3 to 10 feet	Wide	Thick
≥ 10 feet	Very wide	Very thick

51.5.2.8 Discontinuity Descriptions

Describe the number, depth, and type of natural discontinuities, as well as density, orientation, staining, planarity, alteration, joint or fracture fillings, and structural features.

51.5.2.9 Stratigraphic Unit

Identify the local geological name, if appropriate, and stratigraphic equivalents, if applicable.

51.5.2.10 Measurement

Record all measurements in feet and tenths of feet.

51.6 Recordkeeping

Records of boring logs will be kept in both a site logbook and, for borings deeper than 4 feet bgs, on a Boring Log Form (Form 95). The station identification, the depth, sample identification number (if appropriate), soil classification, color, percent gravel, sand, silt and clay, organic content, cementation, structure, and water content.

Original completed boring log forms will be filed in a three-ring notebook at the field office. They will be reviewed on a timely basis by the site coordinator to ensure periodically forms will be copied and the copies kept offsite at a safe location.

51.7 Attachment

ASTM Method ASTM D 2488-00 is attached to this SOP.

End of SOP-51

Attachment 51-1

Designation: D 2488 – 00

Standard Practice for Description and Identification of Soils (Visual-Manual Procedure)[1]

This standard is issued under the fixed designation D 2488; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reapproval.

This standard has been approved for use by agencies of the Department of Defense.

1. Scope *

1.1 This practice covers procedures for the description of soils for engineering purposes.

1.2 This practice also describes a procedure for identifying soils, at the option of the user, based on the classification system described in Test Method D 2487. The identification is based on visual examination and manual tests. It must be clearly stated in reporting an identification that it is based on visual-manual procedures.

1.2.1 When precise classification of soils for engineering purposes is required, the procedures prescribed in Test Method D 2487 shall be used.

1.2.2 In this practice, the identification portion assigning a group symbol and name is limited to soil particles smaller than 3 in. (75 mm).

1.2.3 The identification portion of this practice is limited to naturally occurring soils (disturbed and undisturbed).

NOTE 1—This practice may be used as a descriptive system applied to such materials as shale, claystone, shells, crushed rock, etc. (see Appendix X2).

1.3 The descriptive information in this practice may be used with other soil classification systems or for materials other than naturally occurring soils.

1.4 The values stated in inch-pound units are to be regarded as the standard.

1.5 *This standard does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.* For specific precautionary statements see Section 8.

1.6 *This practice offers a set of instructions for performing one or more specific operations. This document cannot replace education or experience and should be used in conjunction with professional judgment. Not all aspects of this practice may be applicable in all circumstances. This ASTM standard is not intended to represent or replace the standard of care by which the adequacy of a given professional service must be judged, nor should this document be applied without consideration of a project's many unique aspects. The word "Standard" in the title of this document means only that the document has been approved through the ASTM consensus process.*

2. Referenced Documents

2.1 *ASTM Standards:*

D 653 Terminology Relating to Soil, Rock, and Contained Fluids[2]

D 1452 Practice for Soil Investigation and Sampling by Auger Borings[2]

D 1586 Test Method for Penetration Test and Split-Barrel Sampling of Soils[2]

D 1587 Practice for Thin-Walled Tube Sampling of Soils[2]

D 2113 Practice for Diamond Core Drilling for Site Investigation[2]

D 2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)[2]

D 3740 Practice for Minimum Requirements for Agencies Engaged in the Testing and/or Inspection of Soil and rock as Used in Engineering Design and Construction[3]

D 4083 Practice for Description of Frozen Soils (Visual-Manual Procedure)[2]

3. Terminology

3.1 *Definitions*—Except as listed below, all definitions are in accordance with Terminology D 653.

NOTE 2—For particles retained on a 3-in. (75-mm) US standard sieve, the following definitions are suggested:
Cobbles—particles of rock that will pass a 12-in. (300-mm) square opening and be retained on a 3-in. (75-mm) sieve, and
Boulders—particles of rock that will not pass a 12-in. (300-mm) square opening.

3.1.1 *clay*—soil passing a No. 200 (75-µm) sieve that can be made to exhibit plasticity (putty-like properties) within a range of water contents, and that exhibits considerable strength when air-dry. For classification, a clay is a fine-grained soil, or the

[1] This practice is under the jurisdiction of ASTM Committee D-18 on Soil and Rock and is the direct responsibility of Subcommittee D18.07 on Identification and Classification of Soils.

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[2] *Annual Book of ASTM Standards*, Vol 04.08.

[3] *Annual Book of ASTM Standards*, Vol 04.09.

***A Summary of Changes section appears at the end of this standard.**

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fine-grained portion of a soil, with a plasticity index equal to or greater than 4, and the plot of plasticity index versus liquid limit falls on or above the "A" line (see Fig. 3 of Test Method D 2487).

3.1.2 *gravel*—particles of rock that will pass a 3-in. (75-mm) sieve and be retained on a No. 4 (4.75-mm) sieve with the following subdivisions:

coarse—passes a 3-in. (75-mm) sieve and is retained on a ¾-in. (19-mm) sieve.

fine—passes a ¾-in. (19-mm) sieve and is retained on a No. 4 (4.75-mm) sieve.

3.1.3 *organic clay*—a clay with sufficient organic content to influence the soil properties. For classification, an organic clay is a soil that would be classified as a clay, except that its liquid limit value after oven drying is less than 75 % of its liquid limit value before oven drying.

3.1.4 *organic silt*—a silt with sufficient organic content to influence the soil properties. For classification, an organic silt is a soil that would be classified as a silt except that its liquid limit value after oven drying is less than 75 % of its liquid limit value before oven drying.

3.1.5 *peat*—a soil composed primarily of vegetable tissue in various stages of decomposition usually with an organic odor, a dark brown to black color, a spongy consistency, and a texture ranging from fibrous to amorphous.

3.1.6 *sand*—particles of rock that will pass a No. 4 (4.75-mm) sieve and be retained on a No. 200 (75-µm) sieve with the following subdivisions:

coarse—passes a No. 4 (4.75-mm) sieve and is retained on a No. 10 (2.00-mm) sieve.

medium—passes a No. 10 (2.00-mm) sieve and is retained on a No. 40 (425-µm) sieve.

fine—passes a No. 40 (425-µm) sieve and is retained on a No. 200 (75-µm) sieve.

3.1.7 *silt*—soil passing a No. 200 (75-µm) sieve that is nonplastic or very slightly plastic and that exhibits little or no strength when air dry. For classification, a silt is a fine-grained soil, or the fine-grained portion of a soil, with a plasticity index less than 4, or the plot of plasticity index versus liquid limit falls below the "A" line (see Fig. 3 of Test Method D 2487).

4. Summary of Practice

4.1 Using visual examination and simple manual tests, this practice gives standardized criteria and procedures for describing and identifying soils.

4.2 The soil can be given an identification by assigning a group symbol(s) and name. The flow charts, Fig. 1a and Fig. 1b for fine-grained soils, and Fig. 2, for coarse-grained soils, can be used to assign the appropriate group symbol(s) and name. If the soil has properties which do not distinctly place it into a specific group, borderline symbols may be used, see Appendix X3.

NOTE 3—It is suggested that a distinction be made between *dual symbols* and *borderline symbols.*

Dual Symbol—A dual symbol is two symbols separated by a hyphen, for example, GP-GM, SW-SC, CL-ML used to indicate that the soil has been identified as having the properties of a classification in accordance with Test Method D 2487 where two symbols are required. Two symbols are required when the soil has between 5 and 12 % fines or when the liquid limit and plasticity index values plot in the CL-ML area of the plasticity chart.

Borderline Symbol—A borderline symbol is two symbols separated by a slash, for example, CL/CH, GM/SM, CL/ML. A borderline symbol should be used to indicate that the soil has been identified as having properties that do not distinctly place the soil into a specific group (see Appendix X3).

5. Significance and Use

5.1 The descriptive information required in this practice can be used to describe a soil to aid in the evaluation of its significant properties for engineering use.

5.2 The descriptive information required in this practice should be used to supplement the classification of a soil as determined by Test Method D 2487.

5.3 This practice may be used in identifying soils using the classification group symbols and names as prescribed in Test Method D 2487. Since the names and symbols used in this practice to identify the soils are the same as those used in Test Method D 2487, it shall be clearly stated in reports and all other appropriate documents, that the classification symbol and name are based on visual-manual procedures.

5.4 This practice is to be used not only for identification of soils in the field, but also in the office, laboratory, or wherever soil samples are inspected and described.

5.5 This practice has particular value in grouping similar soil samples so that only a minimum number of laboratory tests need be run for positive soil classification.

NOTE 4—The ability to describe and identify soils correctly is learned more readily under the guidance of experienced personnel, but it may also be acquired systematically by comparing numerical laboratory test results for typical soils of each type with their visual and manual characteristics.

5.6 When describing and identifying soil samples from a given boring, test pit, or group of borings or pits, it is not necessary to follow all of the procedures in this practice for every sample. Soils which appear to be similar can be grouped together; one sample completely described and identified with the others referred to as similar based on performing only a few of the descriptive and identification procedures described in this practice.

5.7 This practice may be used in combination with Practice D 4083 when working with frozen soils.

NOTE 5—Notwithstanding the statements on precision and bias contained in this standard: The precision of this test method is dependent on the competence of the personnel performing it and the suitability of the equipment and facilities used. Agencies that meet the criteria of Practice D 3740 are generally considered capable of competent and objective testing. Users of this test method are cautioned that compliance with Practice D 3740 does not in itself assure reliable testing. Reliable testing depends on several factors; Practice D 3740 provides a means for evaluating some of those factors.

6. Apparatus

6.1 *Required Apparatus*:

6.1.1 *Pocket Knife or Small Spatula*.

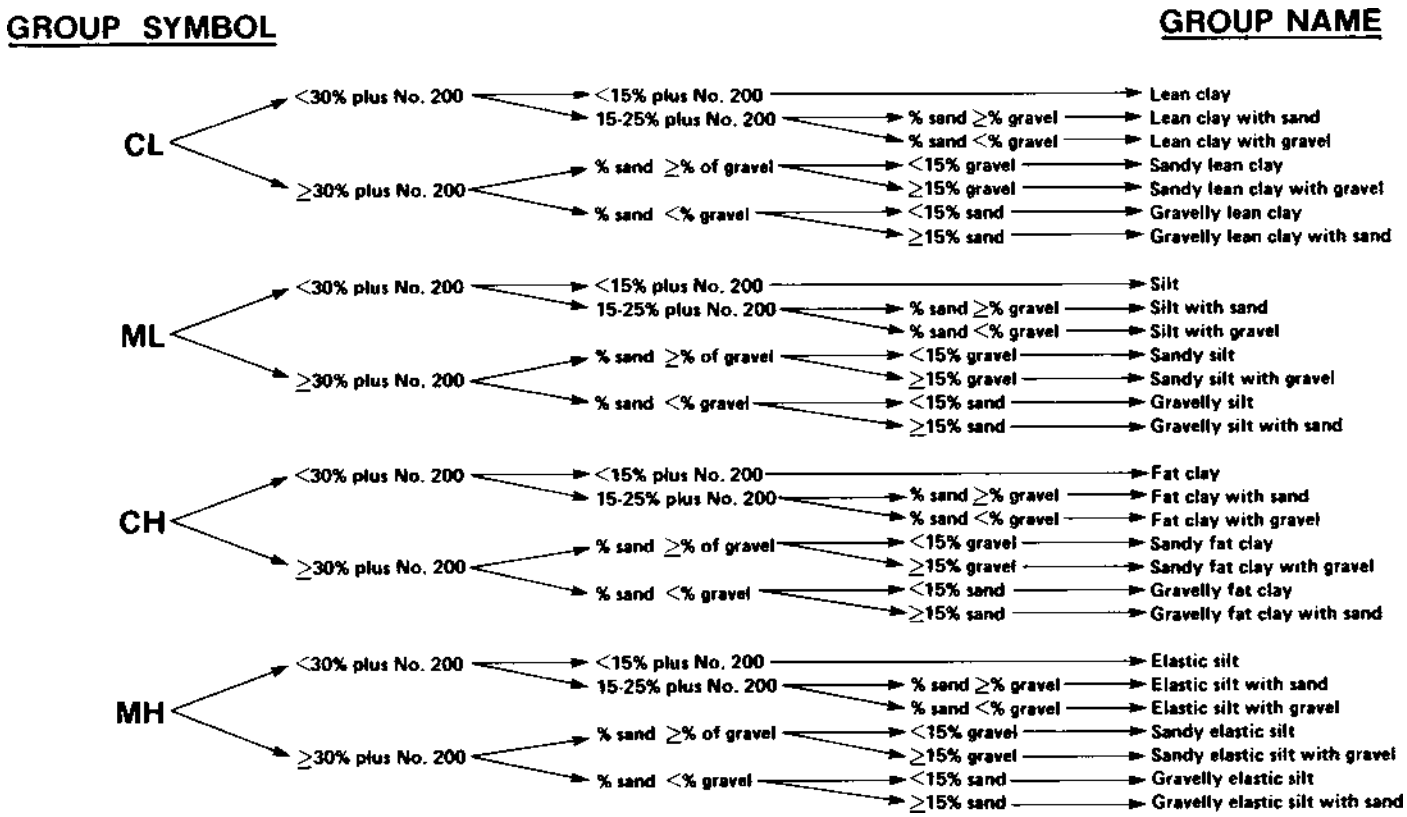
6.2 *Useful Auxiliary Apparatus*:

6.2.1 *Small Test Tube and Stopper* (or jar with a lid).

6.2.2 *Small Hand Lens*.

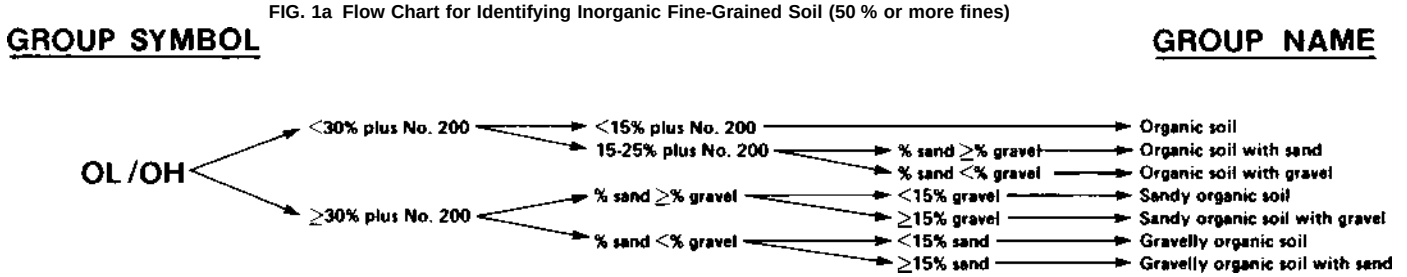
7. Reagents

7.1 *Purity of Water*—Unless otherwise indicated, references



NOTE 1—Percentages are based on estimating amounts of fines, sand, and gravel to the nearest 5 %.

FIG. 1a Flow Chart for Identifying Inorganic Fine-Grained Soil (50 % or more fines)



NOTE 1—Percentages are based on estimating amounts of fines, sand, and gravel to the nearest 5 %.

FIG. 1 b Flow Chart for Identifying Organic Fine-Grained Soil (50 % or more fines)

to water shall be understood to mean water from a city water supply or natural source, including non-potable water.

7.2 *Hydrochloric Acid*—A small bottle of dilute hydrochloric acid, HCl, one part HCl (10 *N*) to three parts water (This reagent is optional for use with this practice). See Section 8.

8. Safety Precautions

8.1 When preparing the dilute HCl solution of one part concentrated hydrochloric acid (10 *N*) to three parts of distilled water, slowly add acid into water following necessary safety precautions. Handle with caution and store safely. If solution comes into contact with the skin, rinse thoroughly with water.

8.2 **Caution**—Do not add water to acid.

9. Sampling

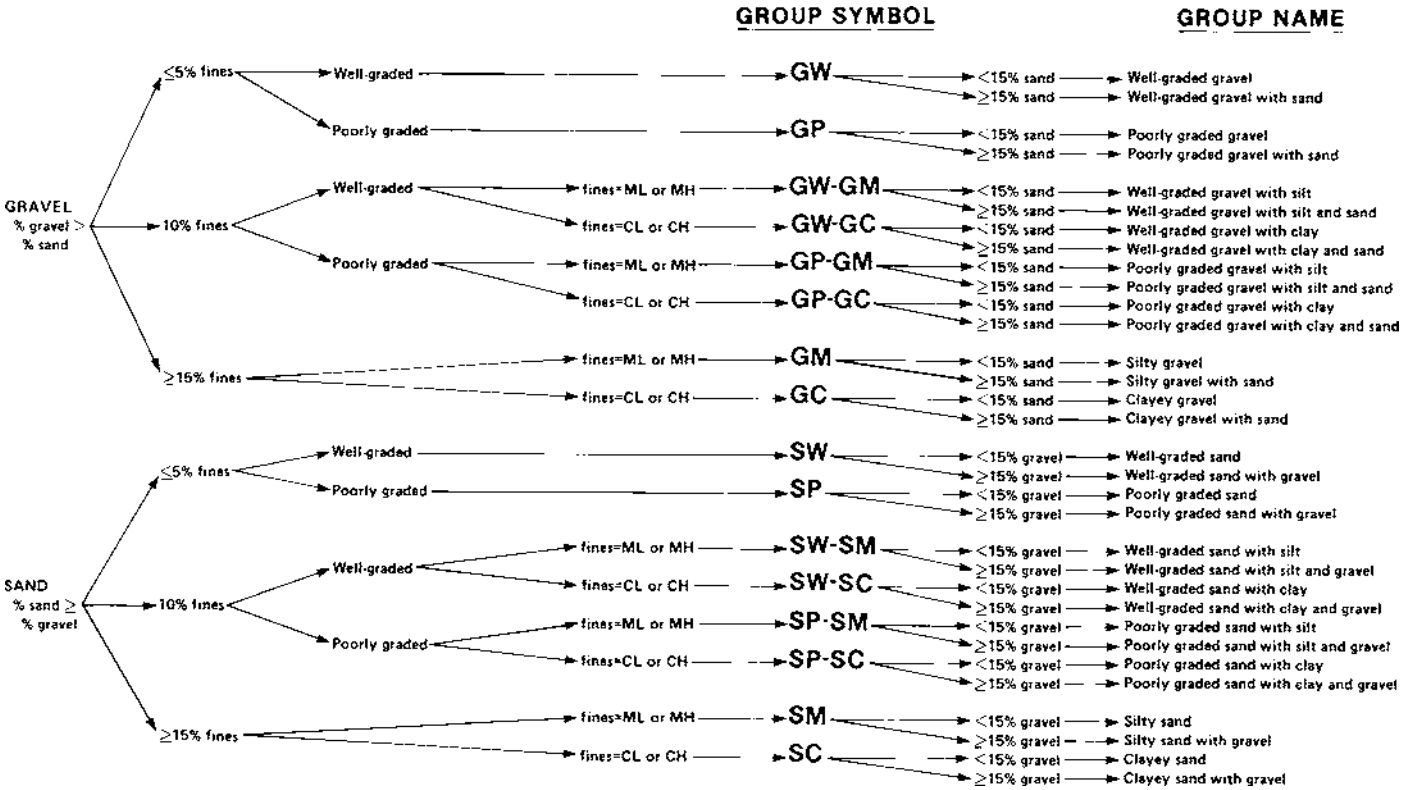
9.1 The sample shall be considered to be representative of the stratum from which it was obtained by an appropriate, accepted, or standard procedure.

NOTE 6—Preferably, the sampling procedure should be identified as having been conducted in accordance with Practices D 1452, D 1587, or D 2113, or Test Method D 1586.

9.2 The sample shall be carefully identified as to origin.

NOTE 7—Remarks as to the origin may take the form of a boring number and sample number in conjunction with a job number, a geologic stratum, a pedologic horizon or a location description with respect to a permanent monument, a grid system or a station number and offset with respect to a stated centerline and a depth or elevation.

9.3 For accurate description and identification, the minimum amount of the specimen to be examined shall be in accordance with the following schedule:



NOTE 1—Percentages are based on estimating amounts of fines, sand, and gravel to the nearest 5 %.

FIG. 2 Flow Chart for Identifying Coarse-Grained Soils (less than 50 % fines)

Maximum Particle Size, Sieve Opening	Minimum Specimen Size, Dry Weight
4.75 mm (No. 4)	100 g (0.25 lb)
9.5 mm (⅜ in.)	200 g (0.5 lb)
19.0 mm (¾ in.)	1.0 kg (2.2 lb)
38.1 mm (1½ in.)	8.0 kg (18 lb)
75.0 mm (3 in.)	60.0 kg (132 lb)

NOTE 8—If random isolated particles are encountered that are significantly larger than the particles in the soil matrix, the soil matrix can be accurately described and identified in accordance with the preceeding schedule.

9.4 If the field sample or specimen being examined is smaller than the minimum recommended amount, the report shall include an appropriate remark.

10. Descriptive Information for Soils

10.1 *Angularity*—Describe the angularity of the sand (coarse sizes only), gravel, cobbles, and boulders, as angular, subangular, subrounded, or rounded in accordance with the criteria in Table 1 and Fig. 3. A range of angularity may be stated, such as: subrounded to rounded.

10.2 *Shape*—Describe the shape of the gravel, cobbles, and boulders as flat, elongated, or flat and elongated if they meet the criteria in Table 2 and Fig. 4. Otherwise, do not mention the shape. Indicate the fraction of the particles that have the shape, such as: one-third of the gravel particles are flat.

10.3 *Color*—Describe the color. Color is an important property in identifying organic soils, and within a given locality it may also be useful in identifying materials of similar geologic origin. If the sample contains layers or patches of varying colors, this shall be noted and all representative colors shall be described. The color shall be described for moist samples. If the color represents a dry condition, this shall be stated in the report.

TABLE 1 Criteria for Describing Angularity of Coarse-Grained Particles (see Fig. 3)

Description	Criteria
Angular	Particles have sharp edges and relatively plane sides with unpolished surfaces
Subangular	Particles are similar to angular description but have rounded edges
Subrounded	Particles have nearly plane sides but have well-rounded corners and edges
Rounded	Particles have smoothly curved sides and no edges

10.4 *Odor*—Describe the odor if organic or unusual. Soils containing a significant amount of organic material usually have a distinctive odor of decaying vegetation. This is especially apparent in fresh samples, but if the samples are dried, the odor may often be revived by heating a moistened sample. If the odor is unusual (petroleum product, chemical, and the like), it shall be described.

10.5 *Moisture Condition*—Describe the moisture condition as dry, moist, or wet, in accordance with the criteria in Table 3.

10.6 *HCl Reaction*—Describe the reaction with HCl as none, weak, or strong, in accordance with the critera in Table 4. Since calcium carbonate is a common cementing agent, a report of its presence on the basis of the reaction with dilute hydrochloric acid is important.

10.7 *Consistency*—For intact fine-grained soil, describe the

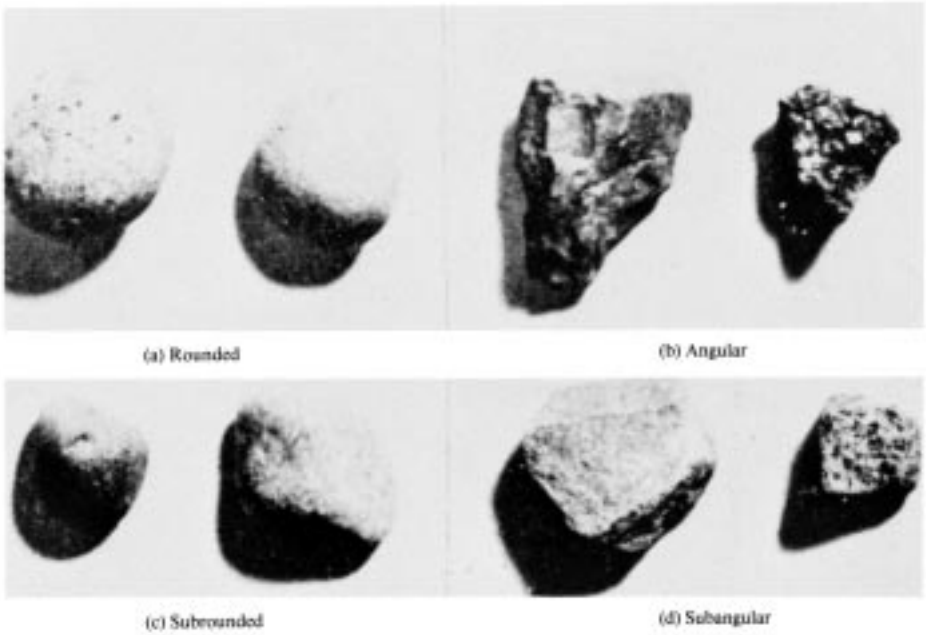


FIG. 3 Typical Angularity of Bulky Grains

TABLE 2 Criteria for Describing Particle Shape (see Fig. 4)

The particle shape shall be described as follows where length, width, and thickness refer to the greatest, intermediate, and least dimensions of a particle, respectively.	
Flat	Particles with width/thickness > 3
Elongated	Particles with length/width > 3
Flat and elongated	Particles meet criteria for both flat and elongated

consistency as very soft, soft, firm, hard, or very hard, in accordance with the criteria in Table 5. This observation is inappropriate for soils with significant amounts of gravel.

10.8 *Cementation*—Describe the cementation of intact coarse-grained soils as weak, moderate, or strong, in accordance with the criteria in Table 6.

10.9 *Structure*—Describe the structure of intact soils in accordance with the criteria in Table 7.

10.10 *Range of Particle Sizes*—For gravel and sand components, describe the range of particle sizes within each component as defined in 3.1.2 and 3.1.6. For example, about 20 % fine to coarse gravel, about 40 % fine to coarse sand.

10.11 *Maximum Particle Size*—Describe the maximum particle size found in the sample in accordance with the following information:

10.11.1 *Sand Size*—If the maximum particle size is a sand size, describe as fine, medium, or coarse as defined in 3.1.6. For example: maximum particle size, medium sand.

10.11.2 *Gravel Size*—If the maximum particle size is a gravel size, describe the maximum particle size as the smallest sieve opening that the particle will pass. For example, maximum particle size, 1½ in. (will pass a 1½-in. square opening but not a ¾-in. square opening).

10.11.3 *Cobble or Boulder Size*—If the maximum particle size is a cobble or boulder size, describe the maximum dimension of the largest particle. For example: maximum dimension, 18 in. (450 mm).

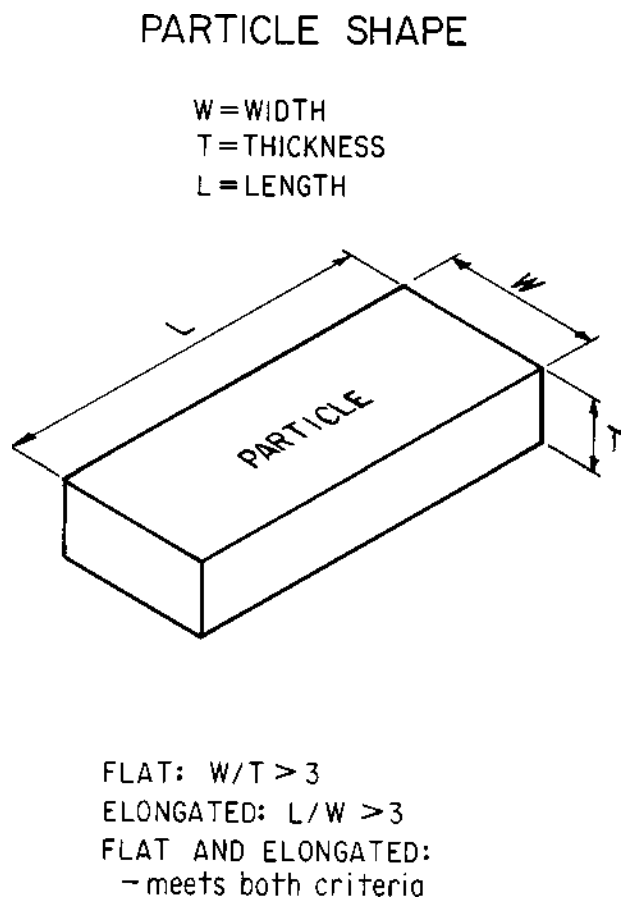


FIG. 4 Criteria for Particle Shape

10.12 *Hardness*—Describe the hardness of coarse sand and larger particles as hard, or state what happens when the

TABLE 3 Criteria for Describing Moisture Condition

Description	Criteria
Dry	Absence of moisture, dusty, dry to the touch
Moist	Damp but no visible water
Wet	Visible free water, usually soil is below water table

TABLE 4 Criteria for Describing the Reaction With HCl

Description	Criteria
None	No visible reaction
Weak	Some reaction, with bubbles forming slowly
Strong	Violent reaction, with bubbles forming immediately

TABLE 5 Criteria for Describing Consistency

Description	Criteria
Very soft	Thumb will penetrate soil more than 1 in. (25 mm)
Soft	Thumb will penetrate soil about 1 in. (25 mm)
Firm	Thumb will indent soil about ¼in. (6 mm)
Hard	Thumb will not indent soil but readily indented with thumbnail
Very hard	Thumbnail will not indent soil

TABLE 6 Criteria for Describing Cementation

Description	Criteria
Weak	Crumbles or breaks with handling or little finger pressure
Moderate	Crumbles or breaks with considerable finger pressure
Strong	Will not crumble or break with finger pressure

TABLE 7 Criteria for Describing Structure

Description	Criteria
Stratified	Alternating layers of varying material or color with layers at least 6 mm thick; note thickness
Laminated	Alternating layers of varying material or color with the layers less than 6 mm thick; note thickness
Fissured	Breaks along definite planes of fracture with little resistance to fracturing
Slickensided	Fracture planes appear polished or glossy, sometimes striated
Blocky	Cohesive soil that can be broken down into small angular lumps which resist further breakdown
Lensed	Inclusion of small pockets of different soils, such as small lenses of sand scattered through a mass of clay; note thickness
Homogeneous	Same color and appearance throughout

particles are hit by a hammer, for example, gravel-size particles fracture with considerable hammer blow, some gravel-size particles crumble with hammer blow. "Hard" means particles do not crack, fracture, or crumble under a hammer blow.

10.13 Additional comments shall be noted, such as the presence of roots or root holes, difficulty in drilling or augering hole, caving of trench or hole, or the presence of mica.

10.14 A local or commercial name or a geologic interpretation of the soil, or both, may be added if identified as such.

10.15 A classification or identification of the soil in accordance with other classification systems may be added if identified as such.

11. Identification of Peat

11.1 A sample composed primarily of vegetable tissue in various stages of decomposition that has a fibrous to amorphous texture, usually a dark brown to black color, and an organic odor, shall be designated as a highly organic soil and shall be identified as peat, PT, and not subjected to the identification procedures described hereafter.

12. Preparation for Identification

12.1 The soil identification portion of this practice is based on the portion of the soil sample that will pass a 3-in. (75-mm) sieve. The larger than 3-in. (75-mm) particles must be removed, manually, for a loose sample, or mentally, for an intact sample before classifying the soil.

12.2 Estimate and note the percentage of cobbles and the percentage of boulders. Performed visually, these estimates will be on the basis of volume percentage.

NOTE 9—Since the percentages of the particle-size distribution in Test Method D 2487 are by dry weight, and the estimates of percentages for gravel, sand, and fines in this practice are by dry weight, it is recommended that the report state that the percentages of cobbles and boulders are by volume.

12.3 Of the fraction of the soil smaller than 3 in. (75 mm), estimate and note the percentage, by dry weight, of the gravel, sand, and fines (see Appendix X4 for suggested procedures).

NOTE 10—Since the particle-size components appear visually on the basis of volume, considerable experience is required to estimate the percentages on the basis of dry weight. Frequent comparisons with laboratory particle-size analyses should be made.

12.3.1 The percentages shall be estimated to the closest 5 %. The percentages of gravel, sand, and fines must add up to 100 %.

12.3.2 If one of the components is present but not in sufficient quantity to be considered 5 % of the smaller than 3-in. (75-mm) portion, indicate its presence by the term *trace*, for example, trace of fines. A trace is not to be considered in the total of 100 % for the components.

13. Preliminary Identification

13.1 The soil is *fine grained* if it contains 50 % or more fines. Follow the procedures for identifying fine-grained soils of Section 14.

13.2 The soil is *coarse grained* if it contains less than 50 % fines. Follow the procedures for identifying coarse-grained soils of Section 15.

14. Procedure for Identifying Fine-Grained Soils

14.1 Select a representative sample of the material for examination. Remove particles larger than the No. 40 sieve (medium sand and larger) until a specimen equivalent to about a handful of material is available. Use this specimen for performing the dry strength, dilatancy, and toughness tests.

14.2 *Dry Strength*:

14.2.1 From the specimen, select enough material to mold into a ball about 1 in. (25 mm) in diameter. Mold the material until it has the consistency of putty, adding water if necessary.

14.2.2 From the molded material, make at least three test specimens. A test specimen shall be a ball of material about ½ in. (12 mm) in diameter. Allow the test specimens to dry in air, or sun, or by artificial means, as long as the temperature does not exceed 60°C.

14.2.3 If the test specimen contains natural dry lumps, those that are about ½ in. (12 mm) in diameter may be used in place of the molded balls.

NOTE 11—The process of molding and drying usually produces higher strengths than are found in natural dry lumps of soil.

14.2.4 Test the strength of the dry balls or lumps by crushing between the fingers. Note the strength as none, low, medium, high, or very high in accorance with the criteria in Table 8. If natural dry lumps are used, do not use the results of any of the lumps that are found to contain particles of coarse sand.

14.2.5 The presence of high-strength water-soluble cementing materials, such as calcium carbonate, may cause exceptionally high dry strengths. The presence of calcium carbonate can usually be detected from the intensity of the reaction with dilute hydrochloric acid (see 10.6).

14.3 *Dilatancy*:

14.3.1 From the specimen, select enough material to mold into a ball about ½ in. (12 mm) in diameter. Mold the material, adding water if necessary, until it has a soft, but not sticky, consistency.

14.3.2 Smooth the soil ball in the palm of one hand with the blade of a knife or small spatula. Shake horizontally, striking the side of the hand vigorously against the other hand several times. Note the reaction of water appearing on the surface of the soil. Squeeze the sample by closing the hand or pinching the soil between the fingers, and note the reaction as none, slow, or rapid in accordance with the criteria in Table 9. The reaction is the speed with which water appears while shaking, and disappears while squeezing.

14.4 *Toughness*:

14.4.1 Following the completion of the dilatancy test, the test specimen is shaped into an elongated pat and rolled by hand on a smooth surface or between the palms into a thread about ⅛ in. (3 mm) in diameter. (If the sample is too wet to roll easily, it should be spread into a thin layer and allowed to lose some water by evaporation.) Fold the sample threads and reroll repeatedly until the thread crumbles at a diameter of about ⅛ in. The thread will crumble at a diameter of ⅛ in. when the soil is near the plastic limit. Note the pressure required to roll the thread near the plastic limit. Also, note the strength of the thread. After the thread crumbles, the pieces should be lumped together and kneaded until the lump crumbles. Note the toughness of the material during kneading.

14.4.2 Describe the toughness of the thread and lump as low, medium, or high in accordance with the criteria in Table 10.

TABLE 8 Criteria for Describing Strength

Description	Criteria
None	The dry specimen crumbles into powder with mere pressure of handling
Low	The dry specimen crumbles into powder with some finger pressure
Medium	The dry specimen breaks into pieces or crumbles with considerable finger pressure
High	The dry specimen cannot be broken with finger pressure. Specimen will break into pieces between thumb and a hard surface
Very high	The dry specimen cannot be broken between the thumb and a hard surface

TABLE 9 Criteria for Describing Dilatancy

Description	Criteria
None	No visible change in the specimen
Slow	Water appears slowly on the surface of the specimen during shaking and does not disappear or disappears slowly upon squeezing
Rapid	Water appears quickly on the surface of the specimen during shaking and disappears quickly upon squeezing

14.5 *Plasticity*—On the basis of observations made during the toughness test, describe the plasticity of the material in accordance with the criteria given in Table 11.

14.6 Decide whether the soil is an *inorganic* or an *organic* fine-grained soil (see 14.8). If inorganic, follow the steps given in 14.7.

14.7 *Identification of Inorganic Fine-Grained Soils*:

14.7.1 Identify the soil as a *lean clay*, CL, if the soil has medium to high dry strength, no or slow dilatancy, and medium toughness and plasticity (see Table 12).

14.7.2 Identify the soil as a *fat clay*, CH, if the soil has high to very high dry strength, no dilatancy, and high toughness and plasticity (see Table 12).

14.7.3 Identify the soil as a *silt*, ML, if the soil has no to low dry strength, slow to rapid dilatancy, and low toughness and plasticity, or is nonplastic (see Table 12).

14.7.4 Identify the soil as an *elastic silt*, MH, if the soil has low to medium dry strength, no to slow dilatancy, and low to medium toughness and plasticity (see Table 12).

NOTE 12—These properties are similar to those for a lean clay. However, the silt will dry quickly on the hand and have a smooth, silky feel when dry. Some soils that would classify as MH in accordance with the criteria in Test Method D 2487 are visually difficult to distinguish from lean clays, CL. It may be necessary to perform laboratory testing for proper identification.

14.8 *Identification of Organic Fine-Grained Soils*:

14.8.1 Identify the soil as an *organic soil*, OL/OH, if the soil contains enough organic particles to influence the soil properties. Organic soils usually have a dark brown to black color and may have an organic odor. Often, organic soils will change color, for example, black to brown, when exposed to the air. Some organic soils will lighten in color significantly when air dried. Organic soils normally will not have a high toughness or plasticity. The thread for the toughness test will be spongy.

NOTE 13—In some cases, through practice and experience, it may be possible to further identify the organic soils as organic silts or organic clays, OL or OH. Correlations between the dilatancy, dry strength, toughness tests, and laboratory tests can be made to identify organic soils in certain deposits of similar materials of known geologic origin.

TABLE 10 Criteria for Describing Toughness

Description	Criteria
Low	Only slight pressure is required to roll the thread near the plastic limit. The thread and the lump are weak and soft
Medium	Medium pressure is required to roll the thread to near the plastic limit. The thread and the lump have medium stiffness
High	Considerable pressure is required to roll the thread to near the plastic limit. The thread and the lump have very high stiffness

TABLE 11 Criteria for Describing Plasticity

Description	Criteria
Nonplastic	A ⅛-in. (3-mm) thread cannot be rolled at any water content
Low	The thread can barely be rolled and the lump cannot be formed when drier than the plastic limit
Medium	The thread is easy to roll and not much time is required to reach the plastic limit. The thread cannot be rerolled after reaching the plastic limit. The lump crumbles when drier than the plastic limit
High	It takes considerable time rolling and kneading to reach the plastic limit. The thread can be rerolled several times after reaching the plastic limit. The lump can be formed without crumbling when drier than the plastic limit

TABLE 12 Identification of Inorganic Fine-Grained Soils from Manual Tests

Soil Symbol	Dry Strength	Dilatancy	Toughness
ML	None to low	Slow to rapid	Low or thread cannot be formed
CL	Medium to high	None to slow	Medium
MH	Low to medium	None to slow	Low to medium
CH	High to very high	None	High

14.9 If the soil is estimated to have 15 to 25 % sand or gravel, or both, the words "with sand" or "with gravel" (whichever is more predominant) shall be added to the group name. For example: "lean clay with sand, CL" or "silt with gravel, ML" (see Fig. 1a and Fig. 1b). If the percentage of sand is equal to the percentage of gravel, use "with sand."

14.10 If the soil is estimated to have 30 % or more sand or gravel, or both, the words "sandy" or "gravelly" shall be added to the group name. Add the word "sandy" if there appears to be more sand than gravel. Add the word "gravelly" if there appears to be more gravel than sand. For example: "sandy lean clay, CL", "gravelly fat clay, CH", or "sandy silt, ML" (see Fig. 1a and Fig. 1b). If the percentage of sand is equal to the percent of gravel, use "sandy."

15. Procedure for Identifying Coarse-Grained Soils

(Contains less than 50 % fines)

15.1 The soil is a *gravel* if the percentage of gravel is estimated to be more than the percentage of sand.

15.2 The soil is a *sand* if the percentage of gravel is estimated to be equal to or less than the percentage of sand.

15.3 The soil is a *clean gravel* or *clean sand* if the percentage of fines is estimated to be 5 % or less.

15.3.1 Identify the soil as a *well-graded gravel*, GW, or as a *well-graded sand*, SW, if it has a wide range of particle sizes and substantial amounts of the intermediate particle sizes.

15.3.2 Identify the soil as a *poorly graded gravel*, GP, or as a *poorly graded sand*, SP, if it consists predominantly of one size (uniformly graded), or it has a wide range of sizes with some intermediate sizes obviously missing (gap or skip graded).

15.4 The soil is either a *gravel with fines* or a *sand with fines* if the percentage of fines is estimated to be 15 % or more.

15.4.1 Identify the soil as a *clayey gravel*, GC, or a *clayey sand*, SC, if the fines are clayey as determined by the procedures in Section 14.

15.4.2 Identify the soil as a *silty gravel*, GM, or a *silty sand*, SM, if the fines are silty as determined by the procedures in Section 14.

15.5 If the soil is estimated to contain 10 % fines, give the soil a dual identification using two group symbols.

15.5.1 The first group symbol shall correspond to a clean gravel or sand (GW, GP, SW, SP) and the second symbol shall correspond to a gravel or sand with fines (GC, GM, SC, SM).

15.5.2 The group name shall correspond to the first group symbol plus the words "with clay" or "with silt" to indicate the plasticity characteristics of the fines. For example: "well-graded gravel with clay, GW-GC" or "poorly graded sand with silt, SP-SM" (see Fig. 2).

15.6 If the specimen is predominantly sand or gravel but contains an estimated 15 % or more of the other coarse-grained constituent, the words "with gravel" or "with sand" shall be added to the group name. For example: "poorly graded gravel with sand, GP" or "clayey sand with gravel, SC" (see Fig. 2).

15.7 If the field sample contains any cobbles or boulders, or both, the words "with cobbles" or "with cobbles and boulders" shall be added to the group name. For example: "silty gravel with cobbles, GM."

16. Report

16.1 The report shall include the information as to origin, and the items indicated in Table 13.

NOTE 14—*Example: Clayey Gravel with Sand and Cobbles, GC*—About 50 % fine to coarse, subrounded to subangular gravel; about 30 % fine to coarse, subrounded sand; about 20 % fines with medium plasticity, high dry strength, no dilatancy, medium toughness; weak reaction with HCl; original field sample had about 5 % (by volume) subrounded cobbles, maximum dimension, 150 mm.

In-Place Conditions—Firm, homogeneous, dry, brown

Geologic Interpretation—Alluvial fan

TABLE 13 Checklist for Description of Soils

1. Group name
2. Group symbol
3. Percent of cobbles or boulders, or both (by volume)
4. Percent of gravel, sand, or fines, or all three (by dry weight)
5. Particle-size range:
   Gravel—fine, coarse
   Sand—fine, medium, coarse
6. Particle angularity: angular, subangular, subrounded, rounded
7. Particle shape: (if appropriate) flat, elongated, flat and elongated
8. Maximum particle size or dimension
9. Hardness of coarse sand and larger particles
10. Plasticity of fines: nonplastic, low, medium, high
11. Dry strength: none, low, medium, high, very high
12. Dilatancy: none, slow, rapid
13. Toughness: low, medium, high
14. Color (in moist condition)
15. Odor (mention only if organic or unusual)
16. Moisture: dry, moist, wet
17. Reaction with HCl: none, weak, strong

For intact samples:

18. Consistency (fine-grained soils only): very soft, soft, firm, hard, very hard
19. Structure: stratified, laminated, fissured, slickensided, lensed, homogeneous
20. Cementation: weak, moderate, strong
21. Local name
22. Geologic interpretation
23. Additional comments: presence of roots or root holes, presence of mica, gypsum, etc., surface coatings on coarse-grained particles, caving or sloughing of auger hole or trench sides, difficulty in augering or excavating, etc.

NOTE 15—Other examples of soil descriptions and identification are given in Appendix X1 and Appendix X2.

NOTE 16—If desired, the percentages of gravel, sand, and fines may be stated in terms indicating a range of percentages, as follows:

Trace—Particles are present but estimated to be less than 5 %
Few—5 to 10 %
Little—15 to 25 %
Some—30 to 45 %
Mostly—50 to 100 %

16.2 If, in the soil description, the soil is identified using a classification group symbol and name as described in Test Method D 2487, it must be distinctly and clearly stated in log forms, summary tables, reports, and the like, that the symbol and name are based on visual-manual procedures.

17. Precision and Bias

17.1 This practice provides qualitative information only, therefore, a precision and bias statement is not applicable.

18. Keywords

18.1 classification; clay; gravel; organic soils; sand; silt; soil classification; soil description; visual classification

APPENDIXES

(Nonmandatory Information)

X1. EXAMPLES OF VISUAL SOIL DESCRIPTIONS

X1.1 The following examples show how the information required in 16.1 can be reported. The information that is included in descriptions should be based on individual circumstances and need.

X1.1.1 *Well-Graded Gravel with Sand (GW)*—About 75 % fine to coarse, hard, subangular gravel; about 25 % fine to coarse, hard, subangular sand; trace of fines; maximum size, 75 mm, brown, dry; no reaction with HCl.

X1.1.2 *Silty Sand with Gravel (SM)*—About 60 % predominantly fine sand; about 25 % silty fines with low plasticity, low dry strength, rapid dilatancy, and low toughness; about 15 % fine, hard, subrounded gravel, a few gravel-size particles fractured with hammer blow; maximum size, 25 mm; no reaction with HCl (Note—Field sample size smaller than recommended).

In-Place Conditions—Firm, stratified and contains lenses of silt 1 to 2 in. (25 to 50 mm) thick, moist, brown to gray; in-place density 106 lb/ft^3; in-place moisture 9 %.

X1.1.3 *Organic Soil (OL/OH)*—About 100 % fines with low plasticity, slow dilatancy, low dry strength, and low toughness; wet, dark brown, organic odor; weak reaction with HCl.

X1.1.4 *Silty Sand with Organic Fines (SM)*—About 75 % fine to coarse, hard, subangular reddish sand; about 25 % organic and silty dark brown nonplastic fines with no dry strength and slow dilatancy; wet; maximum size, coarse sand; weak reaction with HCl.

X1.1.5 *Poorly Graded Gravel with Silt, Sand, Cobbles and Boulders (GP-GM)*—About 75 % fine to coarse, hard, subrounded to subangular gravel; about 15 % fine, hard, subrounded to subangular sand; about 10 % silty nonplastic fines; moist, brown; no reaction with HCl; original field sample had about 5 % (by volume) hard, subrounded cobbles and a trace of hard, subrounded boulders, with a maximum dimension of 18 in. (450 mm).

X2. USING THE IDENTIFICATION PROCEDURE AS A DESCRIPTIVE SYSTEM FOR SHALE, CLAYSTONE, SHELLS, SLAG, CRUSHED ROCK, AND THE LIKE

X2.1 The identification procedure may be used as a descriptive system applied to materials that exist in-situ as shale, claystone, sandstone, siltstone, mudstone, etc., but convert to soils after field or laboratory processing (crushing, slaking, and the like).

X2.2 Materials such as shells, crushed rock, slag, and the like, should be identified as such. However, the procedures used in this practice for describing the particle size and plasticity characteristics may be used in the description of the material. If desired, an identification using a group name and symbol according to this practice may be assigned to aid in describing the material.

X2.3 The group symbol(s) and group names should be placed in quotation marks or noted with some type of distinguishing symbol. See examples.

X2.4 Examples of how group names and symbols can be incororated into a descriptive system for materials that are not naturally occurring soils are as follows:

X2.4.1 *Shale Chunks*—Retrieved as 2 to 4-in. (50 to 100-mm) pieces of shale from power auger hole, dry, brown, no reaction with HCl. After slaking in water for 24 h, material identified as “Sandy Lean Clay (CL)”; about 60 % fines with medium plasticity, high dry strength, no dilatancy, and medium toughness; about 35 % fine to medium, hard sand; about 5 % gravel-size pieces of shale.

X2.4.2 *Crushed Sandstone*—Product of commercial crushing operation; “Poorly Graded Sand with Silt (SP-SM)”; about 90 % fine to medium sand; about 10 % nonplastic fines; dry, reddish-brown, strong reaction with HCl.

X2.4.3 *Broken Shells*—About 60 % gravel-size broken

shells; about 30 % sand and sand-size shell pieces; about 10 % fines; "Poorly Graded Gravel with Sand (GP)."

X2.4.4 *Crushed Rock*—Processed from gravel and cobbles in Pit No. 7; "Poorly Graded Gravel (GP)"; about 90 % fine, hard, angular gravel-size particles; about 10 % coarse, hard, angular sand-size particles; dry, tan; no reaction with HCl.

X3. SUGGESTED PROCEDURE FOR USING A BORDERLINE SYMBOL FOR SOILS WITH TWO POSSIBLE IDENTIFICATIONS.

X3.1 Since this practice is based on estimates of particle size distribution and plasticity characteristics, it may be difficult to clearly identify the soil as belonging to one category. To indicate that the soil may fall into one of two possible basic groups, a borderline symbol may be used with the two symbols separated by a slash. For example: SC/CL or CL/CH.

X3.1.1 A borderline symbol may be used when the percentage of fines is estimated to be between 45 and 55 %. One symbol should be for a coarse-grained soil with fines and the other for a fine-grained soil. For example: GM/ML or CL/SC.

X3.1.2 A borderline symbol may be used when the percentage of sand and the percentage of gravel are estimated to be about the same. For example: GP/SP, SC/GC, GM/SM. It is practically impossible to have a soil that would have a borderline symbol of GW/SW.

X3.1.3 A borderline symbol may be used when the soil could be either well graded or poorly graded. For example: GW/GP, SW/SP.

X3.1.4 A borderline symbol may be used when the soil could either be a silt or a clay. For example: CL/ML, CH/MH, SC/SM.

X3.1.5 A borderline symbol may be used when a fine-grained soil has properties that indicate that it is at the boundary between a soil of low compressibility and a soil of high compressibility. For example: CL/CH, MH/ML.

X3.2 The order of the borderline symbols should reflect similarity to surrounding or adjacent soils. For example: soils in a borrow area have been identified as CH. One sample is considered to have a borderline symbol of CL and CH. To show similarity, the borderline symbol should be CH/CL.

X3.3 The group name for a soil with a borderline symbol should be the group name for the first symbol, except for:

CL/CH lean to fat clay
ML/CL clayey silt
CL/ML silty clay

X3.4 The use of a borderline symbol should not be used indiscriminately. Every effort shall be made to first place the soil into a single group.

X4. SUGGESTED PROCEDURES FOR ESTIMATING THE PERCENTAGES OF GRAVEL, SAND, AND FINES IN A SOIL SAMPLE

X4.1 *Jar Method*—The relative percentage of coarse- and fine-grained material may be estimated by thoroughly shaking a mixture of soil and water in a test tube or jar, and then allowing the mixture to settle. The coarse particles will fall to the bottom and successively finer particles will be deposited with increasing time; the sand sizes will fall out of suspension in 20 to 30 s. The relative proportions can be estimated from the relative volume of each size separate. This method should be correlated to particle-size laboratory determinations.

X4.2 *Visual Method*—Mentally visualize the gravel size particles placed in a sack (or other container) or sacks. Then, do the same with the sand size particles and the fines. Then, mentally compare the number of sacks to estimate the percentage of plus No. 4 sieve size and minus No. 4 sieve size present. The percentages of sand and fines in the minus sieve size No. 4 material can then be estimated from the wash test (X4.3).

X4.3 *Wash Test (for relative percentages of sand and fines)*—Select and moisten enough minus No. 4 sieve size material to form a 1-in (25-mm) cube of soil. Cut the cube in half, set one-half to the side, and place the other half in a small dish. Wash and decant the fines out of the material in the dish until the wash water is clear and then compare the two samples and estimate the percentage of sand and fines. Remember that the percentage is based on weight, not volume. However, the volume comparison will provide a reasonable indication of grain size percentages.

X4.3.1 While washing, it may be necessary to break down lumps of fines with the finger to get the correct percentages.

X5. ABBREVIATED SOIL CLASSIFICATION SYMBOLS

X5.1 In some cases, because of lack of space, an abbreviated system may be useful to indicate the soil classification symbol and name. Examples of such cases would be graphical logs, databases, tables, etc.

X5.2 This abbreviated system is not a substitute for the full name and descriptive information but can be used in supplementary presentations when the complete description is referenced.

X5.3 The abbreviated system should consist of the soil classification symbol based on this standard with appropriate lower case letter prefixes and suffixes as:

Prefix:	Suffix:
s = sandy	s = with sand
g = gravelly	g = with gravel
	c = with cobbles
	b = with boulders

X5.4 The soil classification symbol is to be enclosed in parenthesis. Some examples would be:

Group Symbol and Full Name	Abbreviated
CL, Sandy lean clay	s(CL)
SP-SM, Poorly graded sand with silt and gravel	(SP-SM)g
GP, poorly graded gravel with sand, cobbles, and boulders	(GP)scb
ML, gravelly silt with sand and cobbles	g(ML)sc

SUMMARY OF CHANGES

In accordance with Committee D18 policy, this section identifies the location of changes to this standard since the last edition (1993$^{\epsilon 1}$) that may impact the use of this standard.

(1) Added Practice D 3740 to Section 2.

(2) Added Note 5 under 5.7 and renumbered subsequent notes.

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SOP-52 – Collection of Surface Soil Samples

The purpose of this SOP is to establish procedures for the collection of surface soil samples. Procedures for collecting both discreet and composite samples for analysis of volatile, semivolatile, and non-volatile constituents are presented. This SOP also discusses procedures for sampling surface soils in dry streambeds.

52.1 References

None.

52.2 Definitions

- Lithologic: Relating to the physical characteristics of rock or soil, generally determined with the unaided eye, with a hand lens, or with the aid of a low-powered magnifier.
- Volatile (Organic) Compound: Compound usually containing less than eight carbons that has a tendency to transform into the vapor state.
- Semivolatile (Organic) Compound: Compound that has some tendency to transform into the vapor state at specified temperatures. Usually, these compounds range from 8 to 30 carbons in size.
- Non-volatile Compound: Compound that will not pass into a vapor state at normal ambient temperature. Also defined as compounds having a boiling point of 100°C or less.

52.3 Associated Procedures

- SOP-11: Field Administration and Records
- SOP-12: Field Logbooks
- SOP-13: Photographic Documentation
- SOP-31: Sample Management
- SOP-42: Decontamination – Wash and Rinse Method
- SOP-54: Soil Gas Headspace Measurements

52.4 Equipment and Supplies

- Hand auger
- Stainless-steel sleeves
- Slide hammer
- Motorized power auger

52.5 Procedures

52.5.1 Surface Soil Samples

Surface scraping may be used to collect soil samples for non-volatile analyses. The samples are collected using the following procedures:

1. Check all equipment and sample containers to ensure the equipment is clean and the containers are new and have been prepared properly.
2. Label container and initiate the CoC process and task/sample-specific data sheet, as applicable.
3. Prepare surface for sampling by removing any vegetation, sticks, stones, and other debris.
4. For discrete samples:
    a. Scrape a thin layer of soil (0 to 12 inches in depth) directly into the sample container using a stainless-steel trowel.
    b. Cap the container with a Teflon-lined cap and place in a cooler at 4°C.
5. For field duplicate samples:
    a. Scrape a thin layer of soil (approximately twice the volume of a single discrete sample) directly into two sample containers using a stainless-steel trowel.
    b. Cap each container with a Teflon-lined cap and place in a cooler at 4°C.
6. For field composite samples:
    a. Collect discrete samples from four grid locations and homogenize. Fill one container with homogenized soils.
    b. Cap the container with a Teflon-lined cap and place in a cooler at 4°C.
        - Describe soil type.
        - Complete CoC form and field data sheets. Log sample into logbook.
        - Decontaminate sampling equipment after each sample, following the procedure described in SOP-42.
        - Document sample locations on a map.

52.6 Recordkeeping

The sample label and CoC record will be completed. Information on the boring log and in the field logbook will include the following:

- Sample number
- CoC identification number
- Site identification and location
- Depth
- Soil classification under ASTM 2488
- Field organic vapor values
- Any change from normal sampling procedures

End of SOP-52

SOP-53 – Subsurface Soil Sampling

The purpose of this SOP is to delineate protocols for sampling during drilling.

53.1 References

- Barth, D.S. and B.J. Mason. 1984. *Soil Sampling Quality Assurance User's Guide.* EPA-600/4-84-043.
- EPA. 1984. *Characterization of Hazardous Waste Sites – A Methods Manual, Available Sampling Methods*. Volume II, 2nd Edition. EPA-600/4-84-076.
- Mason, B.J. 1983. Preparation of Soil Sampling Protocol: Techniques and Strategies. EPA-600/4-83-020.

53.2 Definitions

Terms are self-explanatory.

53.3 Associated Procedures

- SOP-12: Field Logbooks
- SOP-13: Photographic Documentation
- SOP-21: Sample Location Staking
- SOP-22: Utility Location and Clearance
- SOP-41: Decontamination – Steam Cleaning
- SOP-42: Decontamination – Wash and Rinse Method
- SOP-51: Lithologic Logging
- SOP-54: Soil Gas Headspace Measurements
- SOP-61: Monitoring Well/Piezometer Drilling and Installation
- SOP-66: Backfilling of Soil Borings
- Form-105: Soil Boring Log

53.4 Equipment and Supplies

- Modified California or split-spoon soil sampler, spilt barrel, continuous sampler, piston-rod sampler (direct push), or thin-walled sampler
- Christiansen 94-mm wireline coring tool (backup equipment if the drive sampler cannot obtain adequate samples); Moss system or CME core barrels are equivalent tools
- Stainless-steel spoons/trowels
- Field logbook
- Soil boring log
- Waterproof and permanent marker
- Appropriate decontamination equipment
- Appropriate health and safety equipment
- Sample cooler with ice
- Decontaminated stainless-steel sleeves to fit the sampler, cut in 3- or 6-inch lengths

- Stainless-steel sleeve end caps and paraffin or Teflon coated sheets
- Sample jars
- Labels
- CoC forms
- Munsell Soil Color charts
- Grain size charts
- Hand lens
- Ziplock freezer bags
- En Core T-Handle
- En Core Sample Containers
- Hacksaw (if necessary)

53.5 General

Collecting soil samples is an important site characterization activity. Soil samples are used to determine the nature and extent of contamination, to identify contaminant source areas, and to determine the geotechnical, hydrogeologic, physical, and chemical properties of a site. Soil sampling strategies will be determined and documented before initiating sampling.

Field conditions at the site may preclude collection at one or more predetermined sampling locations. Additional soil sampling may be required if unexpected subsurface conditions are observed during the course of the sampling. Proper sampling techniques, proper selection of sampling equipment, and proper decontamination procedures will eliminate cross contamination and the introduction of contaminants from external sources.

Soil conditions can vary widely at a site. Such variations can affect the rate of contaminant migration through the soil. Therefore, it is important that detailed records be maintained during sampling, particularly with respect to the sample location, depth, color, odor, lithology, hydrogeology, and readings derived from field monitoring equipment. Surface and subsurface soil samples shall be described by soil horizons, unless otherwise specified by the work plan.

All soil sample collection shall adhere to the labeling and CoC requirements in SOP-31.

53.6 Decontamination

Before collecting any soil samples, all sampling devices shall be decontaminated as presented in SOP-41 and SOP-42. Mobile decontamination supplies will be provided so that equipment can be decontaminated in the field. Each piece of sampling equipment shall be decontaminated before initiation of sampling operations and between each sample location or interval.

53.7 Volatile Organic Compounds and Purgeable Total Petroleum Hydrocarbons

If VOCs or purgeable total petroleum hydrocarbons (PTPHs) are among the contaminants expected at a particular site, an additional aliquot from each sampling location may be field-screened using appropriate air monitoring equipment, as described in SOP-54.

Soil samples intended for analysis of VOCs and/or PTPH will be collected as discrete in one of two ways:

- All sample containers are prelabeled with a unique sample identification. The soil sample is placed directly into the appropriate sample container, with minimal agitation, aeration, or mixing. The sample container will then be sealed tightly, and handled according to procedure.
- The sample will be a discrete sample collected using a 5-gram EnCore sampler with a T-Handle. Soil samples will be taken at a specified depth as stated in the sampling plan that will meet the requirement for a discrete VOC and/or PTPH sample collection. Soil collected from sampling devices, such as modified California split spoons, split spoons, or core barrels, will be sampled with the EnCore sampler directly from that sampling device. Each sample container shall be prelabeled with a unique sample identification. The soil will be sampled by advancing the EnCore coring body, attached to the EnCore T-Handle, directly into the soil. The EnCore coring body container will then be sealed tightly, replaced in its resealable pouch, and handled according to procedure. (Documentation provided with each EnCore sampling system contains further details on these types of samplers.)

The soil samples will then be labeled and submitted to a laboratory. Sample labeling, CoC procedures, field storage, and shipping will be as described in SOP-31.

53.8 Subsurface Soil Sampling

Equipment commonly used to collect subsurface soil samples includes, but is not limited to, modified California split-spoon or split-spoon samplers with or without brass or plastic sleeves, split-barrel samplers, continuous core samplers, Shelby tubes, and ring-lined barrel samplers. These are used in conjunction with a drill rig, and are usually either hammered or drilled into the interval to be sampled, or pushed using the hydraulic system of the drill rig or vibrated with a sonic drilling rig. The interval(s) to be sampled may be either predetermined or determined according to criteria observed during advancement of the drilling equipment (which should also be specified in the site-specific work plan). The following procedures focus on sampling soil for chemical analysis, using modified California split-spoon, split-spoon, or split-barrel samplers. Soil samples obtained for physical characterization are typically collected using similar procedures.

53.8.1 Hollow-stem Auger Drilling

Using the drilling equipment (e.g., hollow-stem augers and auger bit), the soil borehole will be advanced to the depth immediately above the sampling interval. During advancement of the auger, cuttings from around the augers will periodically be removed and placed on a plastic sheet or in appropriately labeled drums.

Prior to sampling, the modified California or split-spoon sampler will be decontaminated and fitted with the decontaminated stainless-steel sleeves. Up to six individual sleeves will be used. The sampler will be inserted into the hollow-stem augers and lowered to the bottom of the borehole. The sampler will then be advanced ahead of the augers into the undisturbed sampling interval. Standard penetration test results (number of blows per 6-inch depth) will be recorded for each sampling run in the boring log. The sampler will be retrieved and opened and the sampling sleeves numbered from the top. If there is sloughed material in the hole or if the sample does not appear representative of undisturbed samples, all sleeves of the material will be discarded and a second sampling assembly used to repeat the process.

The recovered sample will be measured for recovery and recorded in the soil boring log. The sample will also be inspected for changes in lithology, color, moisture, and density, and recorded in the soil boring log as described in SOP-51. Photographs of samples may be taken.

Any sample for analysis of VOCs and/or PTPH will be collected in accordance with Section 53.7. Teflon coated sheets will be placed over each end of a sleeve, and a plastic cap will be placed over the Teflon sheet. Each sealed sleeve will be placed in a separate plastic bag, which will be sealed.

One sleeve will be emptied into a plastic bag. The soil will be analyzed for headspace VOCs, as described in SOP-54. A middle sleeve will be labeled and submitted for laboratory analysis. Sample labeling, CoC procedures, field storage, and shipping will be performed as described in SOP-31.

After the total depth is reached and the final sample collected, the boring will be backfilled (SOP-66) or a well constructed (SOP-61). After completion of one of these procedures, the drilling rig and ancillary equipment will be removed and decontaminated, following the procedures under SOP-41 (Decontamination – Steam Cleaning).

53.8.2 Sonic Drilling

With sonic drilling, the core barrel is vibrated into the ground ahead of the outer drill casing, usually 10 or 20 feet. The outer drill casing is then advanced to the bottom of the core barrel, and the core barrel is then removed from the hole and the core is extruded into a plastic sleeve.

The core will be measured for recovery and recorded in the soil boring log. The sample will also be inspected for changes in lithology, color, moisture, and density, and recorded in the soil boring log as described in SOP-51. Photographs of samples may be taken. Any sample collected for analysis of VOCs and/or PTPH will be done so in accordance with Section 53.7. A portion of the core interval that is to be sampled will be placed in laboratory-provided jars using decontaminated stainless-steel trowels and sealed with a cap. The sealed jar will be labeled; placed in a separate plastic bag, which will be sealed; and submitted to a laboratory for analysis. Sample labeling, CoC procedures, field storage, and shipping will be as described in SOP-31.

The remaining portion of the soil interval that was sampled will be placed into a plastic bag and analyzed for headspace VOCs, as described in SOP-54. After the total depth is reached and the final sample collected, the boring will be backfilled (SOP-66) or a well constructed (SOP-61). After completion of one of these procedures, the drilling rig and ancillary equipment will be removed and decontaminated, following the procedures under SOP-41 (Decontamination – Steam Cleaning).

53.8.3 Dual Rotary Drilling

Dual rotary soil samples will be collected directly from the cyclone air and water cuttings discharge point. No samples for VOC or PTPH analyses shall be collected, with the exception of samples collected using a split–barrel sampler following the procedures described in Section 53.8.1. The depth of the sample will be determined by the field geologist due to the travel time for the cuttings to move from the bottom of the borehole through the annulus to the cyclone. The driller shall be consulted for the time when penetration is initiated to measure the travel time.

After the total depth is reached and the final sample collected, the boring will be backfilled (SOP-66) or a well constructed (SOP-61). After completion of one of these procedures, the drilling rig and ancillary equipment removed and decontaminated, following the procedures under SOP-41 (Decontamination – Steam Cleaning).

53.8.4 Direct Push Drilling

Soil samples collected by direct push technologies (DPT) may be collected at depths varying from near surface to over 100 feet bgs. DPT soil samples are collected using a single-barrel coring system (typically, core barrels are 4 or 5 feet long), a piston-rod core sampler (typically 2 feet long), or dual tube system that uses two sets of probe rods. Sample barrels in all three systems are lined with PVC, polyethylene glycol, acetate, or Teflon liners.

The single-barrel coring system consists of a steel core barrel with an open cutting shoe. The single-barrel system is commonly used where continuous sampling is required and where the soil is cohesive and an uncased borehole will remain open when the coring barrel is removed. The piston rod sampler is

commonly used where discrete depth rather than continuous samples are required. The piston rod sampler consists of a retractable piston-like drive tip connected to a rod, which is locked in place as the sampler is driven to the top of the target sample depth, and then is released, allowing the drive tip to retract up through the sample barrel as the sampler is driven through the target interval and is filled with soil. The dual tube system consists of an outer set of rods (2.125-inch OD), which are driven into the ground as an outer casing, and an inner, smaller set of rods (1-inch OD), which are placed within the outer casing and are used to collect the soil sample. The 1-inch rods hold a sample liner in place as the inner and outer rods are driven simultaneously in 4-foot intervals. After the sample liner has been advanced, it is retrieved from the bore hole and then placed on a firm, horizontal surface where it may be inspected and sampled.

The core will be measured for recovery and recorded in the soil boring log. A decontaminated hacksaw will be used to cut out the liner section with the interval of soil that is to be sampled. The sample will also be inspected for changes in lithology, color, moisture and density, and recorded in the soil boring log as described in SOP-51.

Any sample collected for analysis of VOCs and/or PTPH will be done from the ends of the liner in accordance with Section 53.7. Teflon sheeting will then be placed over each end of the liner and a plastic cap placed over the Teflon. The sealed liner will be placed in a separate plastic bag, which will be sealed. The liner will be labeled and submitted for laboratory analysis. Sample labeling, CoC procedures, field storage, and shipping will be as described in SOP-31.

The remaining portions of the liner will then be cut open and will also be inspected for changes in lithology, color, moisture, and density, and recorded in the soil boring log as described in SOP-51. Soil that was collected just beneath the interval sampled, either from the liner or from the soil sampler shoe, will be placed into a plastic bag and analyzed for headspace VOCs, as described in SOP-54. After the total depth is reached and the final sample collected, the boring will be backfilled (SOP-66) or a piezometer constructed (SOP-61). After completion of one of these procedures, the drilling rig and ancillary equipment will be removed and decontaminated, following the procedures under SOP-41 (Decontamination – Steam Cleaning).

53.9 Recordkeeping

The sample label and CoC record will be completed. Information on the boring log and in the field logbook will include the following:

- Sample number
- CoC identification number
- Site identification and location
- Depth
- Soil classification under ASTM 2488
- Field organic vapor values
- Any change from normal sampling procedures

End of SOP-53

SOP-54 – Soil Gas Headspace Measurements

This SOP describes the procedures and guidance to conduct soil gas headspace measurements of organic vapors in environmental soil and sediment samples. Note: Safety and Health measurements are covered in the Health and Safety Plan (HASP); soil gas surveys and field use of a portable gas chromatograph (GC) laboratory are described in other SOPs.

The purpose of headspace analysis of soil gas in the field is to aid in identification of samples with contamination from VOCs. In most instances, an OVA equipped with both a photoionization detector (PID) and flame ionization detector (FID) will be used.

54.1 References

- U.S. Department of Commerce, National Technical Information Service (NTIS). 1985. Technical Guidance for Corrective Measures - Subsurface Gas. March.
- EPA, Office of Waste Programs Enforcement Office of Solid Waste and Emergency Response. 1986. Resource Conservation and Recovery Act (RCRA) Ground-Water Monitoring Technical Enforcement Guidance Document. September.
- EPA, Office of Waste Programs Enforcement Office of Solid Waste and Emergency Response. 1986. Resource Conservation and Recovery Act (RCRA) Ground-Water Monitoring Technical Enforcement Guidance Document. September.
- EPA, Office of Emergency and Remedial Response. 1988. *Field Screening Methods Catalog, User's Guide*. Washington, DC 20460, September.
- EPA. 1990. Volatile Organics in Soil Gas - Absorbent Tube Method, FASP Method Number F080.008. July.

54.2 Definitions

- Volatile organic compounds are a group of organic compounds that have a tendency to evaporate when exposed to air.
- Photoionization detectors detect total concentrations of many organic and some inorganic gases and vapors. Molecules are ionized using ultraviolet radiation. A current is produced in proportion to the number of ions present.
- Headspace gases are the accumulated gaseous components found above solid or liquid layers in closed containers.
- Flame ionization detectors detect total concentrations of many organic gases and vapors. Gases and vapors are ionized in a flame. A current is produced in proportion to the number of carbon atoms present.
- Initial calibration is an analysis of analytical standards for a series of different specified concentrations; used to define the linearity and dynamic range of the response of an instrument to the target compounds.

54.3 Associated Procedures

- SOP-12: Field Logbooks
- SOP-31: Sample Management

- SOP-51: Lithologic Logging
- SOP-52: Collection of Surface Soil Samples
- SOP-53: Subsurface Soil Sampling

54.4 Equipment and Supplies

Field measurements of volatile organic vapors will be achieved using one or more of the following instruments and equipment:

- PID
- FID
- Heavy-duty clear plastic bags (1 pint) with sealable tops
- Thermometer
- Waterproof marking pen

54.5 Procedures

The theory and mechanical operation of specific instruments is beyond the scope of this SOP; specific information is in the various references and in manufacturers' literature. Use of any given instrument will follow manufacturer's directions and recommendation. Only individuals who have been trained in calibrating and using the organic vapor monitor instruments will perform the head-space analyses.

Prior to field use, the PID and the FID will be calibrated using appropriate calibration gasses. This initial calibration must occur a minimum of at least one time per day. Calibration will be documented in the same logbook used for documenting the headspace values. Prior to the use of a new box of bags, the bag will be evaluated by the PID and the FID to verify that there are no effects from the plastic.

Field measurement of headspace gasses will be from an aliquot of soil that is not used for any other purpose. A representative sample, consisting of approximately 8 ounces of soil, will be placed in the plastic bag. A new plastic bag will be used for each sample. The plastic bag will be sealed and the sample worked manually, through the plastic, to disaggregate it.

The bag will be allowed to sit, in the shade, for approximately 30 minutes to allow the air in the bag to reach equilibrium. The corner of the bag will be opened just enough to place the instrument probe in the bag to measure the headspace gasses. If both a FID and a PID are used, the FID test will be made first. Completed samples and plastic storage bags will be treated as waste materials and disposed of offsite at a licensed TSDF.

54.6 Recordkeeping

The bag will be labeled with the sample identification and the initials of the sampler. The information in the logbook will include:

- Sample identification
- Sample depth and interval
- Date
- Time of collection
- Time of vapor analysis
- Air temperature
- FID results
- PID results

End of SOP-54

SOP-58 – Seep Sample Collection

This SOP describes the procedures and guidance for collection of groundwater samples from seeps, which have either limited flow or are manifested simply by damp areas on the surface of the ground. Seeps will be identified and collected from a vessel, requiring additional over water work and boat safety precautions. Note: Safety and Health measurements are covered in the Health and Safety Plan (HASP).

58.1 References

- EPA, Office of Waste Programs Enforcement Office of Solid Waste and Emergency Response. 1986. Resource Conservation and Recovery Act (RCRA) Ground-Water Monitoring Technical Enforcement Guidance Document. September.
- EPA, Office of Emergency and Remedial Response. 1988. *Field Screening Methods Catalog, User's Guide*. Washington, DC 20460, September.

58.2 Definitions

- Volatile organic compounds are a group of organic compounds that have a tendency to evaporate when exposed to air.
- Photoionization detectors detect total concentrations of many organic and some inorganic gases and vapors. Molecules are ionized using ultraviolet radiation. A current is produced in proportion to the number of ions present.
- Headspace gases are the accumulated gaseous components found above solid or liquid layers in closed containers.
- Initial calibration is an analysis of analytical standards for a series of different specified concentrations; used to define the linearity and dynamic range of the response of an instrument to the target compounds.

58.3 Associated Procedures

- SOP-12: Field Logbooks
- SOP-31: Sample Management
- SOP-42: Decontamination – Wash and Rinse Method
- SOP-75: Field Measurements of Air and Water Quality Parameters

58.4 Equipment and Supplies

Field collection of seep samples will be achieved using one or more of the following instruments and equipment:

- Transportation boat loaded with all required sampling and safety equipment.
- Rod with an attachment that allows for a dedicated container to be secured while collecting flowing water from the seep. The handle should be long enough (telescoping or fixed) to reach the observed seep from a vessel and sturdy enough to support the weight of a full collection container.
- Pre-cleaned, unpreserved, wide-mouth polyethylene collection container.
- Pre-cleaned sample containers.
- Personal Protective Equipment as specified by the Health and Safety Plan

58.5 Procedures

1. Decontaminate any non-dedicated equipment in accordance with the Decontamination of Personnel and Equipment SOP.
2. Using a boat to assess the area for flowing seeps, determine which seeps can be safely accessed. Once a flowing seep has been identified, position the vessel as close to the seep as is safe. Ensure all boat safety precautions are adhered to.
3. Use the rod and collection container assembly to collect flowing water from as close to the source of the seep as possible. Minimize the introduction of vegetative debris and sediment into the collection container as best as possible.
4. Carefully return the collection container to the boat, securing the lid as needed.
5. Fill all sample containers, beginning with the containers for VOC analysis.
6. Upon collection, immediately place all samples for chemical analysis in a closed container on ice.
7. Decontaminate all non-dedicated equipment in accordance with the Decontamination of Personnel and Equipment SOP.

58.5.2 Key Checks and Items

1. Verify that sample rod and collection container are clean.
2. Ensure the collection container is firmly secured to the rod assembly before extending over the water and collecting the seep sample.
3. Place collection container as close to the source of the seep as possible so that groundwater will flow into the container.

58.6 Recordkeeping

The bag will be labeled with the sample identification and the initials of the sampler. The information in the logbook will include:

- Date
- Seep location and number
- Sample identification
- Sample depth and interval
- Time of collection
- Calibration information for field instruments (pH, temperature, or PID)
- Field monitoring readings
- Condition of the seep location
- Qualitative information of groundwater color and turbidity
- Total volume of water purged
- Designation of QC samples, including any blanks, duplicates, or laboratory matrix spike/matrix
- spike duplicate (MS/MSD)
- Any other pertinent observations

End of SOP-58

Group 60 SOPs
Drilling, Well Construction, and Testing

SOP-61 – Monitoring Well/Piezometer Drilling and Installation

The purpose of this SOP is to delineate protocols and requirements to ensure the proper construction of a boring and installation of wells and piezometer upon completion of the boring.

61.1 References

- Aller, L., and others. 1989. *Handbook of Suggested Practices for the Design and Installation of Ground-Water Monitoring Wells*: National Water Well Association, U.S. Environmental Protection Agency (EPA). EPA 600/4-89/034.
- ASTM. 2004. Standard 5092-04e1, Standard Practice for Design and Installation of Ground Water Monitoring Wells.
- Barcelona, M.J., J.P. Gibb, J.A. Helfrich, and E.E. Garske. 1985. *Practical Guide for Ground-Water Sampling*. EPA/600/2-85/104, pp. 47-72. September.
- California Department of Water Resources (DWR). 1981. *Water Well Standards, DWR Bulletin 74-81*. December.
- DWR. 1991. *California Well Standards, DWR Bulletin 74-91* (supplement to Bulletin 74-81). June.
- Driscoll, F.G. 1986. *Groundwater and Wells*. 1089 pp.
- Nielsen, D.M. 1991. Practical Handbook of Ground-Water Monitoring. 717 p.
- Todd, David K. 1980. Ground-Water Hydrology, Second Edition.
- EPA. 1986. RCRA Ground-Water Monitoring Technical Enforcement Guidance Document, OSWER-9950.1, pp. 71-94. September.
- EPA 1991. *Groundwater Volume II: Methodology*. EPA/625/6-90/016b, July, pp. 1-21.

61.2 Definitions

- Annular seal: Material used to provide a positive seal between the boring wall and the well casing. Annular seals must be impermeable and resistant to chemical or physical deterioration. An annular seal is used to prevent the migration of contaminants to the sample zone from the surface or intermediate zones and to prevent cross contamination between strata. The annular seal typically consists of a Portland cement base and water.
- Annular space or annulus: The space between the borehole wall and the well casing, or the space between the casing pipe and liner pipe.
- Filter pack: A chemically inert, uniform, well-rounded material (sand, gravel, or glass beads) that is placed in the annulus of the well between the well screen and the surrounding formation to prevent formation material from entering the screen.
- Monitoring well: Any artificial excavation that is constructed by various techniques for the purpose of providing an access point for measuring groundwater levels and to permit the collection of groundwater samples that accurately represent in situ groundwater conditions.
- Piezometer: A well installed to measure groundwater levels.
- Surface completion: The material placed above the annular seal from 2 feet bgs to ground surface.

- Surge block: A plunger-like tool consisting of rubber or Teflon discs sandwiched between steel discs that may be solid or valved; used to alternate flow from the well casing into the surrounding formation.
- Transition seal: A seal with expansion potential placed between the filter pack and the annular seal to ensure a positive seal is obtained at the filter pack. The transition seal prevents cement-based grout materials from entering the filter pack and typically consists of bentonite chips or pellets.
- Tremie pipe: A device, usually a small-diameter pipe with side discharge, that carries materials to the bottom of the borehole and allows for placement of materials upward from the bottom without introduction of appreciable air pockets and caved formation materials.
- Well casing: An impervious durable tubular product that is a permanent feature of a well and designed to prevent caving of the boring walls, to provide access from the ground surface to some point in the subsurface, and to serve as a passage for groundwater-level measurement and/or sample collection devices.
- Well screen: A section of casing that has been perforated to allow for free movement of water into the well.
- Well sorted: Material that consists of particles all having approximately the same size.

61.3 Associated Procedures

- SOP-12: Field Logbooks
- SOP-13: Photographic Documentation
- SOP-21: Sample Location Staking
- SOP-41: Decontamination – Steam Cleaning
- SOP-51: Lithologic Logging
- SOP-53: Subsurface Soil Sampling
- Form 106: Well Completion Data Form

61.4 Equipment and Supplies

- Drilling/rig and ancillary equipment
- Tape measure with weight for tagging the top of the annulus fill
- Casing
- Screen
- Sediment trap (same material as screen) with bottom cap or plate
- Filter material (sand pack)
- Transition seal (bentonite chips or slurry)
- Bentonite granules or pellets
- Cement-bentonite grout
- Well completion data form (Form 106)

61.5 General

A variety of drilling techniques may be necessary to install wells, due to anticipated variation in geologic environments across the site. Drilling techniques utilized may include hollow-stem auger, screened hollow-stem auger, air rotary, sonic, or dual rotary described as follows:

- The drill rig will be mounted on a heavy-duty truck or an all-terrain vehicle.
- Screened hollow-stem auger drilling can provide water samples during borehole advancement to produce a vertical contaminant profile.

- Sonic drilling uses single or multiple size temporary steel casing to install single or double well settings. Soil core and water samples can be obtained using sonic drilling operations.
- Air rotary drilling, which uses air or air mist, is an alternative for drilling deep wells.
- Dual rotary drilling should be used to drill and install deep monitoring wells (where subsurface conditions dictate usage).

Piezometers typically have a 0.5- to 1.5-inch-ID casing with an attached screen used primarily to monitor the static water level.

Ensuring a successful well installation requires the procedures used for installing each component of the well are followed and well documented. The eight essential components of a well installation include the following:

- Well casing and well screen, including top and bottom caps
- Filter pack
- Transition (bentonite) seal
- Annular seal
- Surface completion and well protection
- Field logbooks
- Well completion report
- Records management

61.6 Procedures

The following procedures have been divided into drilling and well construction. Some information on drilling activities is also included in SOP-53 (Subsurface Soil Sampling). Well construction procedures will comply with all regulations, including DWR Water Well Standards (DWR Bulletin 74-91). In addition, the drilling subcontractor will be licensed by the State of Oregon.

61.6.1 Drilling

The boring location will have been staked or marked with paint and the site cleared for utilities prior to bringing the drilling rig onsite. Plastic sheeting will be set up over the site and the staked location marked through the plastic. The rig shall be moved in and set up as closely over the marked location as possible, in a manner that allows for all operations to be conducted in an exclusion zone.

The working zone will be marked off with caution tape, or equivalent, and all operations will remain within that zone. At each drilling location, an exploratory hand auger or air-knife boring will be advanced to a depth of 5 feet bgs to verify that the borehole is clear of buried utilities or other subsurface obstructions. The diameter of the exploratory boring must be a minimum of 110 percent of the largest down-hole tool that will be used during drilling. For exploratory borings advanced using a hand auger, this requires that three hand auger borings are advanced, each to 5 feet, in a triangular pattern. If no evidence of subsurface utilities are encountered (e.g., trench bedding sand, warning tape, or physical obstruction), then the drill rig will be positioned over the exploratory borehole, and drilling will proceed cautiously through the first 10 feet of the borehole.

No water will be added to the borehole during drilling unless authorized by the task manager or site supervising geologist.

Borings at the site may be conducted using the dual boring drilling approach, where two boreholes will be drilled at the same location. The first boring will be a small-diameter pilot boring that will be advanced and continuous cores will be collected for lithologic logging as described in SOP-51.

The logging will identify water-bearing units, and will be used to determine well completion details. A second borehole will then be advanced. The pilot boring will then be reamed for well completion.

61.6.2 Monitoring Well Construction

Monitoring wells that are completed in a boring drilled with a hollow-stem auger rig will be completed through the auger. Wells completed in a boring drilled with ARCH or Sonic rigs will be completed through the outer drive casing. The drill stem or casing will be removed as the materials used to fill the annulus are emplaced. A tremie pipe may or may not be required; the tremie pipe is optional, provided that, during pullback, the bottom of the hollow-stem auger will be no more than 2 feet above the filled portion of the annulus.

Well screens will be either Type 304 stainless-steel wire-wrapped screen or machine-slotted PVC. Slot sizes may vary from 0.01 to 0.06 inch, depending upon texture of the subsurface formation and the intended use of the well. The filter material (sand pack) will be appropriately sized such that no more than 4 percent of the graded filter pack material will be expected to pass through the screen. Casing and screen will consist of flush-threaded pipe, unless modified in the field by the site coordinator. Under no circumstances will glues or solvents be used to join lengths of well casing or screen. Screen length will vary based on site conditions.

No water will be used during emplacement of annulus fill materials, unless approved by the site supervising geologist. If water is used, the source and amount must be recorded.

The expected well depth, the expected screened interval, and other information on well completion for each well completed will be recorded on a well completion data form (see Form 106).

61.6.2.1 Well Construction Sequence

The well will be constructed in the following sequence: The casing string will be emplaced, the filter pack will be emplaced below and around the casing string to approximately 3 feet above the screened area, the transition seal will be emplaced, the annular seal will be emplaced, and the surface completion will be installed after the annular seal has cured.

The expected volumes of filter pack material, transition seal, and annular seal will be calculated prior to beginning the well construction and will be recorded on the well completion diagram and in the field notebook. During well construction, the actual volume used of filter pack material, transition seal material, and annular seal material will be recorded and compared to volumes calculated prior to well construction. All materials, except the final grout, will be onsite prior to beginning construction. The materials will be new and will remain in the shipping containers until ready for use.

61.6.2.2 Casing and Screen Assembly

The well casing, screen, sediment trap, and end cap will be assembled and installed with sufficient care to prevent damage to the sections and joints. No glue, solvents, or pipe dope will be used. The bottom cap of the casing will be suspended off the bottom of the borehole. The casing will remain suspended until placement of the filter pack. The top of the casing will have a temporary cap during the installation of annulus materials.

61.6.2.3 Filter Pack Installation

After the casing and screen assembly is set at the appropriate depth, the filter pack will be emplaced. No water will be used, unless approved by the site supervising geologist. If water must be used, the least possible amount of potable water will be used and the total amount used during the process will be documented.

The filter pack will be emplaced in approximately 3-foot lifts to ensure that bridging does not occur. The auger flights or drive casing will be moved upward as the annulus is filled, but will be no more than

2 feet higher than the top of the fill at any given time. The depth to the top of the filter pack must be measured (tagged) periodically using a weighted measuring tape.

The filter pack will be inserted to a depth of at least 2 feet above the top of the well screen. The drill rod, with a surge block attached, will be inserted into the casing and the well will be surged for 15 to 20 minutes to minimize the potential for voids and settling after well installation is complete. The filter pack will be measured, any settlement will be noted, and then the filter pack will be refilled and sounded to its final depth.

61.6.2.4 Transition Seal

The drill rod may be left in the well during emplacement of the transition seal and the bottom part of the annular seal to keep the casing from floating. Alternatively, the auger cap may be placed on the casing to hold it in place during transition and annular seal emplacement.

Approximately 3 feet of bentonite transition seal will be placed above the filter pack. If the transition seal is below the water table, bentonite pellets shall be used for the seal. If the seal is above the top of the groundwater body, bentonite chips may be used.

The bentonite will be emplaced through the auger or drive casing by pouring the pellets or chips into the annular space or through a tremie pipe depending upon the depth to the saturated zone and the top of the seal. The depths to the bottom and the top of the seal will be tagged and documented to ensure the thickness of the transition seal meets the design requirements.

61.6.2.5 Annular Grout Seal

Acceptable grout for an annular seal is defined as follows: neat cement grout shall be composed of one 94-pound sack of Portland cement to 7 gallons of potable water. Bentonite powder or granules should not be added to the grout mix. Sand-cement grout is also acceptable and shall be composed of not more than two parts weight of sand and one part (94-pound sack) of Portland Type II cement to 5 to 9 gallons of potable water. No other additives will be used.

The grout will be emplaced through the auger/drive casing sections as they are withdrawn, or through a tremie pipe, depending upon the depth of the saturated zone and bottom depth of the annular seal.

61.7 Recordkeeping

Information on well construction will be documented in the site logbook and on a well completion diagram (Forms 106a, 106b, and 106c). Besides the general information in the logbook, the following information will be recorded:

- Type and length of all well casing materials used
- Type, expected (calculated) volume, and actual volumes used of all annular fill material, including filter pack, transition seal, and annular seal
- Amount of water injected during drilling and well construction
- Installation procedures used (e.g., tremie pipe, free-fall, etc.)
- Depth intervals of all well construction materials placed in the well boring
- Surface completion type
- Well location and designation
- Well depth
- Depth to groundwater, date, and time

- Installation difficulties experienced
- Site conditions at the time of completion
- Documentation of rig and equipment decontamination

The original well construction diagram will be placed in a three-ring binder in the field office.

End of SOP-61

SOP-62 – Well Development

The purpose of this SOP is to delineate protocols for developing monitoring wells. Wells are developed to remove drilling residuals, to restore the natural hydraulic conductivity (K) of the formation, and to minimize turbidity in groundwater samples. Effective development requires surges and reversals of flow to dislodge the particles and prevent bridging of sediment.

Wells will be developed as soon as practical after completion, but no sooner than 24 hours after the surface completion has been installed. If airlifting or overpumping is used for development, initial groundwater sampling should be delayed another 48 hours.

62.1 References

- ASTM. 2004. Standard 5092-04e1, Standard Practice for Design and Installation of Ground Water Monitoring Wells.

62.2 Definitions

- Airlifting consists of using a compressor to force air through a pipe that ends below the static water level. The system, with proper submergence, will act as a pumping system.
- Backwashing consists of alternately lifting a column of water a significant distance above the pumping water level and letting the water fall back into the well. This process is called rawhiding.
- Mechanical Surging is where water is forced into and out of a screen by operating a plunger up and down in the casing.
- Overpumping is the simplest method of removing fines. This technique involves pumping at a higher rate than the well will be pumped when put into service. This technique, by itself, does not provide for flow reversals.
- Surge Block, Surge Plunger, and Swab are the tools normally used to conduct mechanical surging. A heavy bailer may also be used to produce the surging action.

62.3 Associated Procedures

- SOP-41: Decontamination – Steam Cleaning
- SOP-42: Decontamination – Wash and Rinse Method
- SOP-43: Decontamination – Wipe Method
- SOP-71: Water-Level and Well Depth Measurements
- SOP-75: Field Measurement of Air and Water Quality Parameters
- SOP-77: Estimating Groundwater Discharge

62.4 Equipment and Supplies

- Air compressor (may be with drilling unit)
- Pump service rig (Smeal or equivalent)
- Swab or surge block
- Submersible pump and appurtenances
- Storage container for developed water

62.5 Procedures

All components of the development equipment will be decontaminated prior to use in each well. All development water will be contained and disposed properly.

Prior to beginning development, the depth to static water level and total depth of the well will be measured in order to determine the volume of water in the casing. A minimum of 10 well volumes plus any introduced water will be removed during development. It is important to note that a well volume is the sum of the casing volume and the volume of water in the filter pack. The volume of the water in the casing in gallons is given by the following equation:

$$(ID_c/2)^2(\pi)(L_{wc})(7.48)$$

Where

ID_c = inside diameter of the well casing in feet and
L_{wc} = the length (height) of the water column in the casing in feet.

The volume of water in the filter pack is given by the following equation:

$$([D_{bh}/2]^2 - [OD_c\}^2)(\pi)(L_{sfp})(P_{fp})(7.48)$$

Where

D_{bh} = the diameter of the borehole in feet;
OD_c = the outside diameter of the casing in feet;
L_{sfp} = the length (height) of the saturated filter pack; and
P_{fp} = the porosity or fraction of void space in the filter pack. For sand filter pack materials that will be used at Bradford Island, it can be assumed that the fraction of void space is equal to 0.30.

No additives (dispersing agents, acids, or disinfectants) will be added during development. Water can be added only with authorization of the site supervising geologist. Authorization for and the amounts of any water will be recorded in the logbook. If water or other aqueous solutions are added, an additional volume of water, equal to twice the amount added, must be removed during development and documented in the field logbook.

Development will consist of surging, bailing, and pumping. Air lifting will not be allowed, unless authorized by the site supervising geologist. Field measurement of water quality parameters will be in accordance with SOP-75. In general, the following procedure will be followed:

1. Remove the well cap and measure the vapors at the wellhead with the FID or PID, using the instrument(s) listed for the site.
2. Obtain a depth-to-water measurement. Use the top of the casing, as these are relative measurements.
3. Make depth-to-water measurement. Make depth to bottom of the well measurement. Check the total depth against the construction log.
4. Measure the capacity of the bailer. Bail until water is relatively clear or the well is bailed dry. Note the time at which bailing began and ended.
5. Measure depth-to water. Estimate the capacity (total gallons removed/amount of time to remove, gallons per minute [gpm]).
6. Use the first and last samples (in clean glass jars) for measurements of temperature, pH, and EC.

7. Begin swabbing from the top of the screen down. Swab in increments ranging from 1.5 to 5 feet each (depending on the operation of the development unit), increments for 5 to 10 minutes at each level. Manually swab the entire length of the screen.
8. Measure depth of well (to check for fill in) and depth to water.
9. Bail. Collect a sample from the last bailer and measure parameters.
10. Continue bailing until five or more bailers have been removed. Collect a sample and compare to the sample at the beginning of the cycle. Measure parameters.
11. Measure depth to water. Calculate capacity again and note turbidity. Continue to monitor organic vapors at the top of the casing.
12. Repeat swabbing and bailing, as above. Continue to record parameters and capacity. Try to bail the well dry, if possible.
13. Use a pump for development only if the well requires overpumping to stabilize the temperature, pH, conductivity, and turbidity of the groundwater.
14. Place pump in well only after the water appears clean, there is no grit, and parameters have stabilized.
15. Choose the correct pump. Do not use a 50-gpm pump on 1-quart-per-minute well. Use a pump without a check valve.
16. Install the intake area of the pump about 1 foot below the top of the screen. Install the water-level sounder. Maintain adequate storage for pumped water.
17. Start pump against a closed valve. Pump slowly at first, opening valve about one-eighth to one-quarter open. Catch samples and measure parameters.
18. When the water clears up, open the pump to one-half. Catch samples and measure parameters.
19. Open the pump to full, measure parameters, including drawdown until the pumping level stabilizes. This wide-open pumping drawdown will be used to determine if the specific capacity is increasing (drawdown is decreasing).

When water is clear, turn the pump off to surge the well. Leave the pump off long enough that there is no backspin on the pump. Continue this surging procedure until there is no slug of dirty water on startup.

1. Move the pump down the screen no more than 4 feet. Repeat the previous step. Continue to look for decreases in drawdown and stable values in temperature, EC, and pH.
2. Continue as above to the bottom of the screen.
3. If practical, hoist and lower the pump slowly along the length of the screen (or a 20-foot section of drop pipe) while pumping.
4. Make final pH, EC, and temperature readings. Development will be considered complete when a minimum of 10 well volumes have been removed (by bailing and pumping combined) and when parameters have stabilized to within a pH of 0.2 unit, EC is within 10 percent, and temperature is within 1°C. Shut off and remove pump from hole.

62.6 Well Recovery Test

At the conclusion of pumping the well for development, a well recovery test will be conducted. This recovery test provides (1) an indication of well performance, and (2) data for determining the transmissivity and hydraulic conductivity of the screened hydrogeologic unit. Water-level readings will

be taken at the intervals listed in Table 62-1 until the well has recovered to at least 80 percent of its static (pretest) water level, or for a reasonable timeframe not to exceed 10 hours.

Table 62-1. Water-Level Reading Intervals
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Time Since Starting Test (minutes)	Measurement Time Interval (minutes)
0 to 15	1
15 to 50	5
50 to 100	10
100 to 300	30
300 to 600	60

Subsequent to the completion of the well recovery test, the total depth of well will be measured. Should any fill be present in the well, it will be removed by bailing.

62.7 Recordkeeping

Key observations during development are turbidity, water quality parameters, and specific capacity. Record amount of water removed (such as 10 bail buckets or about 45 gallons), the cumulative water removed, temperature, pH, and EC in the field log and on the well development form. For the recovery test, the depth of groundwater data will also be recorded on the well development form.

In addition to the information placed in the site logbook, complete Well Development Form (Form 107) and place in the binder in the administration trailer. Information in the log will include the following:

- Well identification
- Dates and time of well development
- Static water levels, before, during, and after development
- Quantity of water removed
- Quantity of sediment removed and the physical description of that sediment
- Types and sizes of surge blocks, bailers, and pumps
- Authorization for and description of air lifting techniques, if used.

End of SOP-62

SOP-65 – Surface Completion of Wells

The purpose of this SOP is to delineate protocols for completing wells with locking covers to prevent tampering. If practical, wells will be completed with the top of the casing above the ground surface. In areas of traffic, or in other areas where the USACE requests no aboveground completions, flush-mounted vaults will be used for monitoring well completion.

65.1 References

- DWR. 1981. Water Well Standards, DWR Bulletin 74-81. December.

65.2 Definitions

Terms are self-explanatory.

65.3 Associated Procedures

- SOP-12: Field Logbooks
- SOP-61: Monitoring Well/Piezometer Drilling and Installation
- Form 106: Well Completion Data Form

65.4 Equipment and Supplies

- "Stovepipe"-type steel protective casing with lockable steel lids
- Factory-built belowground, normal-duty or heavy-duty traffic-rated vault boxes with bolt-down lids
- 3-inch-diameter steel posts, 5 feet long
- Concrete

65.5 Procedures

If a dedicated pump is not installed, the casing will be capped when the well is not in use. If a dedicated pump is installed, the top of the well will be protected by a commercially built well seal.

The two types of completion boxes will be approved by the USACE environmental representative prior to installation. After construction of a specific well, the type of surface completion for that well will be determined jointly by the site coordinator and the USACE environmental representative. The aboveground, steel casing with lockable steel lid is the preferred completion method.

65.5.1 Aboveground Monument Well Completion

For aboveground completion, the conductor casing, if any, will be cut off 3 inches above the ground surface, and the well casing will be cut off approximately 24 to 30 inches above the ground surface. The protective steel casing will be installed over the well casing and will be anchored in a concrete pad that is a minimum of 24 inches in diameter and 4 inches thick. The concrete pad will be finished so that it slopes slightly away from the steel casing in all directions. The steel casing will include a manufactured steel lid that fits over the casing. The steel casing and lid will include matching flanges with an eye-hole in each flange that will be used to lock the surface completion with a pad lock.

Three 3-inch-diameter posts or bollards will be installed radially from each wellhead. The bollards will be recessed approximately 2 feet into the ground, outside the well base concrete pad, and will be set in concrete. Each bollard guard post will be filled with concrete.

65.5.2 Belowground Well Completion

For flush-mounted completions, cut the well casing about 6 inches below the land surface and provide a water-tight casing cap to prevent surface water from entering the well. A freely draining, traffic-rated vault box with a bolt-down cover shall be placed over the well casing. In unpaved areas, the vault box shall be centered in a 2-foot-diameter, 4-inch-thick concrete pad that slopes away from the box at 0.25-inch per foot. In paved areas, that vault box will be installed in new concrete, which will be finished to match the existing pavement. Any conductor casing will be cut off at a point that is approximately level with the support pad. The casing will be cut off approximately 6 inches bgs inside the vault or valve box.

Where heavy traffic may pass over the well or for other reasons, the concrete pad and valve box/lid assembly shall be constructed to meet the strength requirements of surrounding surfaces.

To allow for escape of gas, a small-diameter (e.g., 0.25-inch) vent hole shall be placed in the upper portion of the casing, or a ventilated well cap shall be used. Locks will be provided for both aboveground and flush-well completion assemblies. The locks will be keyed alike, using matching Master padlocks and keys.

An identification plate will be affixed permanently to the inside of each monitoring well completion assembly. The following information will be included on the plate:

- Well identification number
- Measuring point
- Depth of well
- Depth of screened interval
- Date of construction

65.6 Recordkeeping

The surface completion will be sketched and documented in the field logbook. The completion information will also be added to the well completion data form (Form 106).

End of SOP-65

SOP-66 – Backfilling of Soil Borings

The purpose of this SOP is to delineate protocols for backfilling soil borings. A boring that is sampled, but not completed as a monitoring well, will be destroyed by backfilling from the bottom up with suitable sealing materials such as cement grout or hydrated bentonite.

Borings, for purposes of this section, include all holes constructed for sampling that are greater than 5 feet in depth. Borings, similar to wells, will be backfilled to meet pertinent requirements of the DWR, Water Well Standards, Bulletin 74-81.

66.1 References

- ASTM. 2005. ASTM Standard D5299-99, Standard Guide for Decommissioning of Ground Water Wells, Vadose Zone Monitoring Devices, Boreholes, and Other Devices for Environmental Activities.
- DWR. 1981. Water Well Standards, DWR Bulletin 74-81. December.

66.2 Definitions

Terms are defined elsewhere.

66.3 Associated Procedures

- SOP-41: Decontamination – Steam Cleaning
- SOP-42: Decontamination – Wash and Rinse Method
- SOP-52: Collection of Surface Soil Samples
- SOP-53: Subsurface Soil Sampling

66.4 Equipment and Supplies

- Neat cement grout, sand-cement grout, or hydrated bentonite
- Silica sand
- 55-gallon drum for mixing (if not ordered ready mixed)
- Grout pump
- Tremie pipe

66.5 Procedures

Borings less than 5 feet deep will be filled with clean silica sand or backfilled with material removed from the hole. Borings greater than 5 feet deep will be filled with grout or hydrated bentonite below the surface and filled with silica sand or native material from 5 feet bgs.

Acceptable grout for backfilling borings is defined as follows: neat cement grout shall be composed of one 94-pound sack of Portland cement to 7 gallons of potable water. Sand-cement grout shall be composed of not more than two parts weight of sand and one part (94-pound sack) of Portland cement to 5 to 6 gallons of potable water. No other additives will be used.

Acceptable bentonite sealing materials include hydrated bentonite granules, chips, or pellets. Bentonite seals installed above the water table in the vadose zone shall be installed in maximum 2-foot lifts, and each lift shall be hydrated prior to proceeding to the next lift. Complete hydration requires a minimum of 0.5 gallon of water per pound of bentonite.

The expected volume of grout or bentonite needed to fill the borehole will be calculated prior to placement. If the boring is 10 feet deep or less and is completely above the water table, the grout may be allowed to free fall. For borings deeper than 10 feet, a tremie pipe must be used to install the backfill seal from the bottom upward. During backfilling, the grout or bentonite mixture shall be recorded, and the actual volume of grout or bentonite and water used shall be recorded and compared to the calculated volume. An actual amount of backfill sealing material that is more than approximately 30 percent less than the calculated amount indicates that collapse for bridging of a portion of the borehole may have occurred.

Excess grout and potable water used for cleaning grouting equipment may be contained with the drill cuttings from the site. Tremie pipe and other mixing or emplacement equipment may be steam cleaned on the decontamination pad.

66.6 Recordkeeping

The following information will be recorded in the appropriate logbook:

- Station identification
- Measured depth of the boring
- Calculated amount of grout required for fill
- Composition, source, and amount of grout
- Measured amount of grout used to fill the hole
- Calculated and measured amounts of silica sand to fill the top 3 feet of the boring

End of SOP-66

Group 70 SOPs
Groundwater Sampling

SOP-71 – Water-Level and Well Depth Measurements

The purpose of this SOP is to delineate protocols for measuring depths to the top of the static or pumping water level and to determine the total depth of a well.

Depth-to-water measurements are used in a variety of ways: To determine the depth of proposed nearby wells; to construct potentiometric surface maps; and ultimately to determine direction and speed of groundwater and related contaminant movement. Periodic measurement of the total depth of the well provides information on the amount of fill that has come into the well.

71.1 References

- Driscoll, F.G. 1986. *Groundwater and Wells*. 1089 pp.
- U.S. Department of the Interior. 1981. 1981. *Groundwater Manual, A Water Resource Technical Publication.* Water and Power Resources Services, U.S. Government Printing Office, Denver, CO. 480 pp.

71.2 Definitions

Terms are self-explanatory.

71.3 Associated Procedures

- SOP-12: Field Logbooks
- SOP-43: Decontamination – Wipe Method
- SOP-54: Soil Gas Headspace Measurements

71.4 Equipment and Supplies

- Electric sounder
- Tape measure, marked in hundredths of a foot
- Soap-impregnated wipe pads and other decontamination supplies

71.5 Procedures

If the total depth of the well needs to be measured, a stainless-steel plumb may be added to the end of the electric sounder to determine when the sounder reaches the bottom of the well.
The depth-to-water should be measured first.

If the well is not sealed, the calibrated FID or PID will be held at the top of the casing for an organic vapor reading. If the wellhead is sealed, the calibrated FID or PID will be held at the top of the well casing as the measuring port is opened. If organic vapors are recorded at the top of the well, the breathing zone will be monitored during the depth-to-water measurements.

If the surveyor's point is not marked at the time of water level, the north side of the casing should be used and marked.

Before removing the well cap, bail standing water out of the well vault (especially for flush-mounted wells) so that water does not flow into the well before measuring water levels or sampling.

If the well is sealed, after removing the cap, allow at least 3 minutes (during the recording of organic vapors) to allow the water in the well to come to equilibrium with the atmosphere. The decontaminated electric sounder will then be lowered into the well. Note: The manufacturer's operating manual should be consulted for instructions on the use of the electric sounder, including any sensitivity adjustment.

With the water-level indicator switched on, slowly lower the probe until it contacts the water surface as indicated by audible alarm. Raise the probe out of the water until the alarm turns off. Repeat raising and lowering probe until the precise level is determined.

If the depth to water cannot be measured directly to the nearest 0.01 foot, a tape measure, calibrated in hundredths of a foot (rather than inches) will be used to measure from the nearest even foot to the reference point.

If depth to water is an ongoing measurement, such as during pumping tests, the electric sounder will be left in the well until a group of measurements is completed.

The water-level indicator and/or tape measure will be decontaminated, using the wipe method (SOP-43), as it is removed from the well. Rinsate will be collected and properly disposed.

71.6 Recordkeeping

Information on incidental depth-to-water measurements during drilling, development, and aquifer testing will be recorded in the site logbook. A mass depth-to-water measurement round will be recorded in a water-level function logbook. Documented information will include the following:

- Well identification number
- Date and time
- Person(s) making the measurement
- Brand name and serial number of each instrument used
- Documentation on equipment decontamination
- Organic vapor measurement at the top of the well when it is first opened
- Final organic vapor measurement at the top of the well
- Reference measuring point description
- Depth to water from the reference measuring point

End of SOP-71

SOP 73A – Low-Flow Groundwater Purging and Sample Collection

The purpose of this SOP is to delineate protocols for standardizing the purging of groundwater, the method of sample collection, and low-flow sampling. Groundwater sampling may occur during well construction, development, pump testing, and collection of samples for submittal to the laboratory. Samples that are used to measure only field parameters will be handled just as carefully as samples that are also sent into the laboratory for more complete analysis.

73A.1 References

None.

73A.2 Definitions

Terms are self-explanatory.

73A.3 Associated Procedures

- SOP-12: Field Logbooks
- SOP-31: Sample Management
- SOP-42: Decontamination – Wash and Rinse Method
- SOP-62: Well Development
- SOP-71: Water-Level and Well Depth Measurements
- SOP-75: Field Measurements of Air and Water Quality Parameters
- SOP-76: Field Filtration of Water
- SOP-77: Estimating Groundwater Discharge

73A.4 Equipment and Supplies

- Bailer
- Generator
- Pump control box
- Sampling tee (if not installed)
- Sampling supplies
- Purge water storage tank or 55-gallon drums
- Discharge hose from sampling tee to storage tank

73A.5 Low-Flow Purging/Sampling Procedures

The following procedures should be followed for low-flow sampling:

1. Obtain information on well location, diameter(s), depth, and screened interval(s), and the method for disposal of purged water.
2. Calibrate instruments each day prior to sampling according to manufacturer's instructions.
3. Record the well number, site, date, and condition in the groundwater quality sampling diary.

4. Clean and decontaminate all sampling equipment and any other equipment to be placed in the well before sampling in accordance with SOP-42.
5. Before removing the well cap, bail standing water out of the well vault (especially for flush-mounted wells) to ensure that water does not flow into the well.
6. Collect water-level measurements and, if needed, depth of well measurements in accordance with SOP-71.
7. If the depth to water is above the top of the screened interval, place the pump or tubing intake at the midpoint of the screen. If the depth to water is below the top of the screen, place the pump or tubing intake at the midpoint of the saturated interval of the screen.
8. If the well does not already have a dedicated pump, attach and secure the polyethylene tubing to the low-flow pump. Lower the pump slowly into the well and set it at approximately the middle of the screen, as determined previously. Alternatively, if the formation is stratified, the pump or tubing intake should be placed within the interval of highest transmissivity such as sand or silty sand. Place the pump intake at least 2 feet above the bottom of the well to avoid mobilization of any sediment present in the bottom.
9. Insert the measurement probes into the flow-through cell. Attach the tubing from the pump to the flow-through cell inlet. Attach the discharge tubing to discharge part of the flow-through cell. The purged groundwater is directed through the cell, allowing measurements to be collected before the water contacts the atmosphere.
10. Start purging the well at 0.2 to 0.5 liter per minute. Avoid surging. Purging rates for more transmissive formations could be started at 0.5 to 1 liter per minute. The initial field parameters of pH, specific conductance, dissolved oxygen (DO), oxidation reduction potential (ORP), turbidity, and temperature of water are measured and recorded in the groundwater quality sampling diary. The purge rate for the well should be measured immediately. To measure, time the filling of a 0.5-liter (16 oz.) measuring cup graduated in at least 50-mL increments. Divide the volume of water collected by time in minutes to establish the purge rate. Record the purge rate in the groundwater sampling diary.
11. The water level should be monitored during purging either prior to or after each series of field parameter readings and, ideally, the purge rate should equal the well recharge rate so that there is little or no drawdown in the well (i.e., less than 0.5 foot). The water level should stabilize for the specific purge rate. There should be at least 1 foot of water over the pump intake, so there is no risk of the pump suction being broken or entrainment of air in the sample. Record adjustments in the purge rate and changes in depth to water in the groundwater sampling diary. Purge rates should, if needed, be decreased to the minimum capabilities of the pump (0.05 to 0.10 liter per minute) to avoid affecting well drawdown.
12. During purging, the field parameters are measured frequently (every 3 to 5 minutes) until the parameters have stabilized. The readings should not be taken at intervals less than the time required to fill the flow-through cell with less than one entire pass-through volume. The time interval for the readings shall be based on the volume and purge rate. Field parameters are considered stabilized when three consecutive measurements meet the following criteria:
    - pH: within 0.1 pH units
    - Specific conductance: within 3 percent
    - DO: within 10 percent if reading is > 1.0 milligram per liter (mg/L) or within 0.1 mg/L if reading is < 1.0 mg/L
    - Turbidity: 5 nephelometric turbidity units (NTUs)

- ORP: within 10 percent or between 10 millivolts (mV) and -10 mV if reading is < 10 mV
- Temperature: within 0.2°C (may disregard if due to pump heating)

If parameters do not stabilize after purging for 1 hour, discontinue purging and continue to sampling.

13. Once purging has been completed, the well is ready to be sampled. The elapsed time between completion of purging and collection of the groundwater sample from the well should be minimized. Typically, the sample is collected immediately after it is determined the water quality parameters have stabilized, but this also depends on well recovery. The goal is to minimize aeration while collecting samples. If needed, use a T-valve upstream from the pump. Collect samples in this order: VOCs, TOC (or dissolved organic compound), methane, HACH (all of these are affected by aeration), then all others. For samples affected by aeration, reduce discharge rate, fill containers from bottom to top, then cap with no airspace.

73A.6 Recordkeeping

Field measurements, observations, and calculations will be recorded in the field logbook. Information to be recorded specific to this procedure includes the following:

- Well location and number
- Well diameter, total depth, depth to water, and location of the packer, if any
- Bailer type and size
- Pump model
- Calibration information for field instruments (pH, SC, DO, ORP, FID, or PID)
- Field monitoring readings
- Condition of the well
- Qualitative information of groundwater color and turbidity
- Total volume of water purged
- Sample identification
- Designation of QC samples, including any blanks, duplicates, or laboratory matrix spike/matrix spike duplicate (MS/MSD)
- Any other pertinent observations

End of SOP-73A

SOP 73B – Conventional Groundwater Purging and Sample Collection

73B.1 Purpose and Scope

This procedure presents general guidelines for collecting groundwater samples from monitoring wells. The procedure does not address purging and sampling using "low-flow" techniques (see SOP *Low-Flow Groundwater Sampling from Monitoring Wells – EPA Region IV)*. Operations manuals should be consulted for specific calibration and operating procedures.

73B.2 Equipment and Materials

- Peristaltic pump, pneumatic bladder pump, or electric submersible pump, pump shroud, tubing, support cables, air compressor, control box, and power supply
- Water quality meter, such as Horiba U-22 or a combination of equivalent devices for monitoring pH, specific conductance, turbidity, dissolved oxygen, oxidation-reduction potential (ORP), and temperature
- Flow through cell with inlet/outlet ports for purged groundwater and watertight ports for each water quality probe
- Disposable 0.45-µm filters (QED FF8100 or equivalent), if applicable
- Bailer (Teflon or stainless steel) and nylon cord, if applicable

Note: bailers and peristaltic pumps should only be used when site access or other limitations prevent the use of sampling pumps.

73B.3 Procedures and Guidelines

73B.3.1 Setup and Purging

1. Obtain information on well location, diameter(s), depth, and screened interval(s), and the method for disposal of purged water.
2. A pump will be used for well purging if the well yield is adequate; otherwise, a bailer may be used depending on project requirements.
3. Sampling equipment is cleaned and decontaminated prior to sampling in accordance with *Decontamination of Personnel and Equipment* SOPs.
4. Instruments are calibrated according to manufacturer's instructions.
5. The well number, site, date, and condition are recorded in the field logbook.
6. Plastic sheeting is placed on the ground, and the well is unlocked and opened.
7. Water level measurements are collected in accordance with SOP-71 *Water-Level and Well Depth Measurements*.

8. The volume (v) of water in a well casing is calculated as follows:

$$v = 7.48(\pi r^2 h)$$

Where:

$\pi = 3.14$
v = volume of water in well (gallons)
r = radius of the well (feet)
h = height of water in well (feet)

The volume of water in common well casing diameters may be calculated as follows:

2-inch-diameter well: 0.163 gal/ft × ___ (linear feet of water) = gallons
4-inch-diameter well: 0.653 gal/ft × ___ (linear feet of water) = gallons
6-inch-diameter well: 1.469 gal/ft × ___ (linear feet of water) = gallons

9. Attach tubing, support cable or rope, and air line (if applicable) to the pump. The support line should bear the weight of the pump. The pump/hose assembly should be lowered into the top of the standing water column and not deep into the column. No more than 3 to 5 feet of hose should be lowered into the water column. If the recovery rate of the well is faster than the pump rate and no observable draw down occurs, the pump should be raised until the intake is within one foot of the top of the water column for the duration of purging. If the pump rate exceeds the recovery rate of the well, the pump will have to be lowered, as needed, to accommodate the drawdown.

10. If a RediFlo or other similar electric submersible pump is to be used in a large diameter well (greater than 4 inches), a pump shroud should be used to direct the flow of water across the pump motor. Failure to use a shroud in this situation can lead to overheating of the motor and loss of volatiles from the pump discharge.

11. If a bailer is being used, it should be removed from its protective covering and attached to a cord compatible with the site contaminants. The bailer should be lowered into the top of the water column, allowed to fill, and removed. It is critical that bailers be slowly and gently immersed into the top of the water column, particularly during final stages of purging, to minimize turbidity and disturbance of volatile organic constituents. The use of bailers for purging and sampling is discouraged because the correct technique is highly operator dependent and improper use may result in an unrepresentative sample.

12. Field parameters including pH, ORP, turbidity, dissolved oxygen, specific conductance, and temperature are measured and recorded in the field logbook. The water quality probes are inserted into a flow-through cell. The purged groundwater is directed through the cell by connecting the pump discharge tubing to the bottom port on the flow through cell, allowing measurements to be collected before the water contacts the atmosphere.

13. During purging, the water quality parameters are measured at least once for each well volume. A minimum of three well volumes must be purged (up to five well volumes may be purged if water quality parameters do not stabilize) prior to sampling. In nonproductive wells, if the well is purged dry it is not necessary to remove a minimum of three well volumes; however, the well should be allowed to recover sufficiently to allow collection of all samples.

14. Water quality parameters are considered stable when the temperature is constant, pH measurements agree within 0.1 units, specific conductance measurements agree within 10 percent, and turbidity measurements are less than 10 NTU or agree within 10 percent.

73B.3.2 Sample Collection

Once purging is complete the well is ready to sample. The elapsed time between completion of purging and collection of the groundwater sample should be minimized. Typically, the sample is collected immediately after the well has been purged, but this is also dependent on well recovery.

Samples will be placed in sample containers that have been cleaned to laboratory standards and are preserved in accordance with the analytical method. The containers are typically pre-preserved, if required.

The steps to be followed for sample collection are as follows:

1. The cap is removed from the sample bottle, and the bottle is tilted slightly.
2. The sample is slowly poured from the bailer or discharged from the pump so that it runs down the inside of the sample bottle with a minimum of disturbance. The pumping rate should be reduced to approximately 100 mL per minute when sampling VOCs.
3. Inorganics, including metals, may be collected and preserved in the filtered form as well as the unfiltered form. Disposable in-line filters (0.45-micron filter), connected to the end of the sample tubing, are typically used for field filtration. Samples are field filtered as the water is being placed into the sample container. If a bailer is used, filtration may be driven by a peristaltic pump.
4. Adequate space is left in the bottle to allow for expansion, except for VOC vials, which are filled to the top with a positive meniscus.
5. The bottle is capped and clearly labeled.
6. Immediately upon collection, all samples for chemical analysis are to be placed in a closed container on ice unless it is not possible to do so. Although unusual and uncommon, there may be instances where it is not possible to have containers with ice at the sample location. In these instances, the samples should be placed on ice as soon as practical and during the time between collection and placing the samples on ice, the samples should be kept as cool as possible.
7. If the sample tubing or bailer is dedicated, it is returned to the well and the well is capped and locked. Nondedicated equipment is cleaned and decontaminated in accordance with the *Decontamination of Personnel and Equipment* SOPs (SOP-41, -42, and -43).

The following information, at a minimum, will be recorded in the log book:

1. Sample identification (site name, location, and project number; sample name/number and location; sample type and matrix; time and date; sampler's identity)
2. Sample source and source description
3. Field observations and measurements (appearance, volatile screening, field chemistry, sampling method), volume of water purged prior to sampling, number of well volumes purged, and field parameter measurements
4. Sample disposition (preservative; laboratory name, date and time sent; laboratory sample number, chain-of-custody number, sample bottle lot number)
5. Additional remarks

73B.3.2.1 Special Conditions for Sampling with Peristaltic Pumps

It is not acceptable to collect samples for organic compounds analyses through the flexible tubing used in the pump head. When collecting samples for organic compound analyses it is necessary to use a vacuum container, placed between the pump and the well for sample collection.

The following step-by-step procedures describe the process of sampling with a peristaltic pump and vacuum jug (see note following these procedures for collection of VOC samples):

1. Disconnect the purge tubing from the pump. Make sure the tubing is securely attached to the protective casing or other secure object.
2. Insert the tubing into one of the ferrule nut fittings of a Teflon vacuum container transfer cap assembly.
3. Place a suitable length of Teflon tubing between the remaining transfer cap assembly ferrule nut fitting and the vacuum side of the flexible tubing in the peristaltic pump head. Securely hand-tighten both fittings.
4. Turn the pump on. Water should begin to collect in the transfer container (typically a 1-liter "Boston round" glass sample container) within a few minutes. If water does not begin to flow into the container within several minutes, check the transfer cap fittings and make sure the assembly is tightly attached to the container. It may be necessary to tighten the ferrule nuts with a wrench or pliers to achieve a vacuum in the system, particularly when approaching the maximum head difference between the pump and water table (limit of suction).
5. When the transfer container is nearly full, turn off the pump, remove the transfer cap assembly, and pour the sample into the appropriate containers.
6. If additional sample volume is needed, replace the transfer cap assembly, turn the pump on, and collect additional volume.

Note: Samples for volatile organic compound analyses cannot be collected using the vacuum jug method. If samples for VOC analyses are required, they must be collected with a bailer or by other approved methods, such as the "soda straw" method. The "soda straw" method involves allowing the tubing to fill, by either lowering it into the water column (A) or by filling it via suction applied by the pump head (B). If method (A) is used, the tubing is removed from the well after filling and the captured sample is allowed to drain into the sample vial. If method (B) is used, after running the pump and filling the tubing with sample, the pump speed is reduced and the direction reversed to push the sample out of the tubing into the vials. Avoid completely emptying the tubing when filling the sample vials when using method (B) to prevent introducing water that was in contact with the flexible pump head tubing. Either method is repeated, as necessary, until all vials are filled.

Samples for some constituents, primarily inorganic analytes such as metals and cyanide, may be collected directly from the peristaltic pump head tubing. This method is acceptable under the following conditions:

- The pump head tubing must be changed between sampling locations;
- An equipment rinsate blank must be collected by pumping de-ionized water through a piece of the tubing.

73B.4 Attachments

None.

73B.5 Key Checks and Preventative Maintenance

- Use of peristaltic pumps and bailers should be avoided, if possible.
- Allow the field parameters to stabilize within the specified criteria as much as possible.
- Fill bottles for VOC samples first.
- Be sure the sample identification is properly specified.

- Maintain field equipment in accordance with the manufacturer's recommendations. This may include, but is not limited to, the following:
  - Inspect sampling pump regularly and replace as warranted
  - Bring supplies for replacing the bladder and "O" rings if using a positive-displacement bladder pump
  - Inspect tubing regularly and replace as warranted
  - Inspect air/sample line quick-connects regularly and replace as warranted
  - Verify battery charge, calibration, and proper working order of field measurement equipment prior to initial mobilization and daily during field efforts

End of SOP-73B

SOP-75 – Field Measurements of Air and Water Quality Parameters

The purpose of this SOP is to provide a general guideline for using the YSI water quality meter for field measurements of pH, specific conductance, DO, ORP, and temperature of groundwater samples, a HACH turbidimeter for measuring turbidity in groundwater samples, and a PID for detection of organic vapors. The operator's manual should be consulted for detailed operating procedures. The air in the headspace of a well with unknown water chemistry or with known VOCs in the groundwater will be monitored for organic vapors at any time the cap is removed or when work is being completed in the open (cased or uncased) hole. Monitoring is for both safety and for obtaining information on possible contaminants.

75.1 References

- Barcelona, M.J., J.P. Gibb, J.A. Helfrich, and E.E. Garshke. 1985. *Practical Guide for Ground Water Sampling*. Illinois State Water Survey, Champagne, IL.
- EPA. 1977. *Procedures Manual for Ground Water Monitoring at Solid Waste Disposal Facilities*. Manual SW 611.
- EPA. 1986. TEGD. RCRA Ground Water Monitoring Technical Enforcement Guidance Document. OSWER-9550.1.
- EPA. Test Methods for Evaluating Solid Waste. SW-845.
- EPA. 1983. Methods for Chemical Analysis of Water and Wastes. March.

75.2 Definitions

Terms are self-explanatory.

75.3 Associated Procedures

- SOP-54: Soil Gas Headspace Measurements
- SOP-61: Monitoring Well/Piezometer Drilling and Installation
- SOP-62: Well Development
- SOP-71: Water-Level and Well Depth Measurements
- SOP-73A: Low-Flow Groundwater Purging and Sample Collection
- SOP-73B: Conventional Purging and Sample Collection

75.4 Equipment and Supplies

- YSI 600XLM Sonde Water Quality Checker with flow-though cell
- HACH Turbidimeter
- PID (MultiRAE)
- Squirt bottle containing distilled water
- YSI calibration standard solutions
- Mix gas and Isobutylene calibration gasses
- Calibration tubing and sampling-T
- Disposable or cleanable containers
- Decontamination supplies

75.5 Procedures

75.5.1 YSI 600XLM Sonde Parameters and Specifications

Table 75-1. YSI 600XLM Sonde Parameters and Specifications
Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Parameter	Range of Measurement	Accuracy
pH	0 to 14 pH units	±0.2 pH units
Specific conductance	0 to 100 mS/cm	±0.5% of reading
DO	0 to 50 mg/L	0 to 20 mg/L: ±0.2 mg/L 20 to 50 mg/L: ±0.6 mg/L
Temperature	-5 to 45°C	±0.15°C
ORP	-999 to +999 mV	±20 mV
Salinity	0 to 70 ppt	±1% of reading or 0.1 ppt, whichever is greater

Notes:

mV = millivolt(s)
mS/cm = millisiemen(s) per centimeter
mg/L = milligram(s) per liter
ppt = part(s) per trillion

75.5.2 Calibration

Prior to each day's use, the YSI and PID will be calibrated using the provided standard solutions and calibration gasses. The HACH turbidimeter is pre-calibrated by the manufacturer and does not need to be calibrated; however, it is good practice to ensure that the device is reading accurately by using the provided cuvettes. The calibration procedure for each device is described in the following sections.

75.5.2.1 Calibrating the YSI 600XLM Sonde

1. Connect the probe to the hand-held monitor via the cable and press the power button. Select "Sonde Menu," then "Calibrate." All available sensors to be calibrated populate the screen. Start with pH. Select "ISE1 pH." Before entering the value, fill the calibration cup approximately two-thirds (enough to completely submerge all the sensors) with the first pH solution (pH 7) and screw the cup onto the probe. Enter the pH value of the calibration solution (pH 7) and press enter.
2. The meter will begin to calibrate, and the sensors will display measurements. When the pH sensor stabilizes, press enter. The pH value that the sensor stabilized to will calibrate to a pH value of 7. Press enter again to accept the calibration and record both values in the calibration log. Drain the solution, rinse the probes and calibration cup with deionized water, and repeat for pH 4 and pH 10 solutions.
3. Press "Esc" to return to the calibration menu (all previously stored calibration data will be saved automatically) and select "Conductivity," then "SpCond." Fill the calibration cup with the provided conductivity solution and attach the calibration cup to the probe (make sure all sensors are submerged). Enter the value of the conductivity solution and press enter. Calibrate the sensor, and record the pre- and post-calibration values in the calibration log, and rinse the probe and cup with deionized water.

4. For dissolved oxygen (Saturation %), the calibration is done in atmospheric air and no solution is required. Loosely screw the empty calibration cup onto the probe and calibrate for dissolved oxygen. Press "Esc" to return to the calibration menu, then select "ISE2 ORP." Add the calibration standard to the calibration cup and attach it to the probe. For this solution the standard is based on the temperature; therefore, the calibration standard must be calculated using the following formula:

   $$\text{ORP Standard} = 263.5 - (1.3 \times \text{temperature } °C)$$

   Enter this value (record it in the calibration log) and calibrate the ORP sensor.

5. The unit is now calibrated.

75.5.2.2 Checking the HACH Turbidimeter

The HACH turbidimeter is pre-calibrated from the manufacturer and does not need to be calibrated; however, it is good practice to ensure that the device is reading accurately using the provided cuvettes.

1. Turn on the meter and insert one of the calibration cuvettes (pre-filled and measured) into the device chamber and press "Read." The turbidity reading should be similar to the pre-measured NTU value on the calibration cuvette.
2. Repeat this process with multiple cuvettes to cover a wide range of turbidity values. Record results in the calibration log.

75.5.2.3 Calibrating the Photoionization Detector

These instructions are specific to a MultiRAE from RAE Systems.

1. Turn on the PID by holding the power button and wait for the unit to cycle through the warm-up screens.
2. When the VOC sensor displays a reading, press and hold the "Power" and the "N/-" buttons simultaneously. When the calibration screen appears, press the arrow key "N/-" button to advance to the calibration menu.
3. Select "Fresh Air" to calibrate the sensors to fresh air. NOTE: Be sure you are in a well ventilated area, free from any organic vapors.
4. Select "Multi Sensor Span" to calibrate the oxygen, lower exposure limit, carbon monoxide, and hydrogen sulfide sensors.
5. Connect the multi-gas canister to the PID using the calibration tubing and sampling-T. Note: Be sure to use the sampling "T" so that the gas is not forced into the PID pump. This can damage the unit. Never use master flex tubing as a substitute for the calibration tubing; master flex tubing can damage the lower exposure limit sensor.
6. Press "Start" on the PID and open the valve on the multi-gas canister. Leave the valve open until the PID has finished calibrating and has generated a reading for each sensor.
7. Record calibration reading for each sensor in the calibration log.
8. Select "Single Sensor Span," then "VOC" and repeat steps 5 through 7 using the isobutylene gas canister.

75.5.3 Sample Measurement Using a YSI 600XLM Sonde

As water passes through the flow-through cell, press "Sonde Run" to display water quality parameter readings in real time. Record in the field notebook at the desired time intervals.

75.5.4 Sample Measurement Using a HACH Turbidimeter

Fill the empty cuvette to the fill line, dry the cuvette and place it in the chamber, then close the lid. Press the "Read" button and record the value in the field notebook.

75.5.5 Measurement of Organic Vapors

Before approaching an area where air monitoring is required, ensure that the PID is on, that it has already cycled through the warm-up screens, and that all sensors are operational. Keep the device running while work is being performed and periodically take readings at the source area (e.g., well head or top of borehole) and in the breathing zone (area where you are actively working). If the sensors detect elevated (or deficient) gas concentrations, the PID will emit a tone, light up, and vibrate to alert the user of the conditions. One or more PIDs will be used at the following times:

- During drilling
- During well construction
- Any time the well cap (or the cap on the measuring port) is removed from an existing well
- Periodically when working over an open well that gave a reading at the time the well was opened

Record all readings in the field notebook.

75.6 Key Checks and Preventive Maintenance

- Calibrate meter
- Clean YSI probes with deionized water when done
- Refer to operations manual for recommended maintenance
- Check batteries, and have a replacement set on hand
- The field team should have a spare unit readily available in case of an equipment malfunction, due to the importance of obtaining these parameters

75.7 Recordkeeping

The following calibration and operation information for <u>each</u> instrument used and each measurement made will be logged in the field logbook for QA documentation:

- Instrument model and serial number, lamp if appropriate
- Calibration gas or solution concentrations or values, including lot numbers and expiration dates
- Temperatures of solutions
- Temperature of sample
- Time of calibration
- Initial span setting (if appropriate)
- Actual reading
- Measurement conditions, at the wellhead or breathing level (gasses), or in situ, open container, or air-exclusion container (water)
- Comments on adjustments, cleaning requirements, and miscellaneous

End of SOP-75

SOP-76 – Field Filtration of Water

The purpose of this SOP is to delineate protocols for filtering groundwater samples that may be analyzed for dissolved metals by separating suspended particulate matter from the substances that are held in solution.

Where described in the FSP, groundwater samples (and related QC samples using potable or deionized water) for analysis of soluble metals or gross alpha and beta will be filtered in the field immediately after collection and before storage in a bottle containing nitric acid for preservation. Samples will be filtered using a 0.45-micron filter. If another pore size is used, a 0.45-micron filtered sample will be collected in parallel.

76.1 References

None.

76.2 Definitions

Terms are self-explanatory.

76.3 Associated Procedures

- SOP-12: Field Logbooks
- SOP-42: Decontamination – Wash and Rinse Method
- SOP-73A: Low-Flow Groundwater Purging and Sample Collection
- SOP-75: Field Measurements of Air and Water Quality Parameters

76.4 Equipment and Supplies

- In-line 0.45-micron filters
- Inert tubing (Tygon, Teflon, or equivalent)
- Vacuum pump that operates from a 12-volt battery
- Aspirator-type jar filter system with 0.45-micron filter

76.5 Procedures

Filtered groundwater samples will be collected after other samples. When a groundwater sample is collected from a well with an installed pump, an inline filter will be used for filtering. The smaller end of the sampling tee will be closed. The inlet side of a 0.45-micron filter will be attached to the sampling tee using a short length of inert tubing. A second piece of tubing will be attached to the discharge end of the filter. The tee discharge will be opened slowly and the water discharged directly into the sample bottle containing the preservative (if used). The filter and tubing will be used for only one sample and will be discarded with the PPE from the sampling site.

For samples that are not discharging under pressure (primarily HydroPunch samples, potable water, deionized water, and rinsates), the sample will be poured into the top of the aspirator filter while the vacuum pump, connected to the lower portion of the jar is operating. When an adequate filtered sample is available, the pump will be shut off and disconnected from the bottle. The sample will be poured into the sample bottle containing the preservative (if used). The jar filter will be used for only one sample and will be discarded with the PPE from the sampling site.

76.6 Recordkeeping

The following QA information will be recorded in the field logbook:

- Well identification
- Quality of the sample collected, including notes on turbidity and color
- The type of filter apparatus used and the pore size of the filter
- Any pertinent information concerning filtering

End of SOP-76

SOP-77 – Estimating Groundwater Discharge

The purpose of this SOP is to delineate a protocol for estimating the rate of flow from a well during pumping or purging. The rate of groundwater discharge may need to be calculated during pumping tests and during purging prior to collecting a groundwater sample. The following equipment and procedures below allow for measurement of flows up to about 50 gpm or down to a few mL/min.

77.1 References

None.

77.2 Definitions

Terms are self-explanatory.

77.3 Associated Procedures

- SOP-41: Decontamination – Steam Cleaning
- SOP-42: Decontamination – Wash and Rinse Method
- SOP-73A: Low-Flow Groundwater Purging and Sample Collection
- SOP-75: Field Measurements of Air and Water Quality Parameters

77.4 Equipment and Supplies

- 55-gallon drum
- 5-gallon bucket
- 0.5- or 1-gallon measuring pitcher, marked in cups
- 2-liter beaker, marked in 5-mL increments
- Watch or stop watch

77.5 Procedures

Use the proper size of container for measuring. Water being discharged into a container that is too small for the flow will splash. The final calculation will be too low. If needed, change the size of the container and allow the water to flow into it for a longer period of time.

The 55-gallon drum will be used for measurement for large flows during test pumping. The 5-gallon bucket will be used to measure discharges during purging, prior to collecting a water sample. If the bucket is not calibrated to exactly 5 gallons, the 1-gallon measuring pitcher will be used to fill the bucket to 5 gallons. A line will be marked on the outside of the bucket at the 5-gallon level. A 2-liter beaker can be used to measure low flows used during water quality sampling.

The individual directing the discharge into the container will notify the watch reader when to start reading the second hand (or to start the stopwatch). When the water reaches the predetermined mark on the container, the individual will notify the watch reader to stop. The readings will be made three times and averaged.

77.6 Recordkeeping

The information recorded in the site or function logbook will include the well identification, reason for making the measurement, size of the container, and number of seconds required to fill the container during each of the three trials. For larger flows, the gallons per second will be converted to gpm.

End of SOP-77

Group 80 SOPs
Waste Management

SOP-81 – Project-Specific Waste Analysis and Characterization

This SOP describes procedures for analyzing and characterizing waste streams generated during Bradford Island investigations. This Analysis and Characterization SOP provides procedures for collection and analysis of waste characterization samples and is applicable to project activities that generate waste.

81.1 References

None.

81.2 Definitions

- Chain-of-custody form: A form that documents the transfer of custody and responsibility from the sampling personnel to the laboratory. This form also documents the identification of the samples and the analyses requested for each sample.
- Characterization: The process where waste constituent concentrations are identified and compared to legal requirements or threshold levels that affect waste disposal methods. The generator of the waste is required by law to perform this process. The process may include evaluation of historical or safety data sheet (SDS) information and/or analytical sampling and analysis.
- Detection limit: The expression for the minimum value reported by the laboratory for an analytical test method for a given constituent. Other terms that may be used in consultation with the laboratory include practical quantitation limit, sample quantitation limit, method detection limit, and project-specific reporting limit.
- Generator: A generator is any person whose act or process produces waste or whose act first causes waste to become subject to regulation.
- Logbook: A bound field notebook, with consecutively pre-numbered pages, that is clearly identified with the name of the project activity, the person responsible for maintenance of the notebook, and the beginning and ending dates of the entries.
- Regulatory level: A regulatory level is the legal standard or threshold level that determines a waste classification.
- Sample label: A label with adhesive backing that is affixed to each individual container containing the identification of the sample, preservatives applied to the sample, analytical method to be used, sampling date and time, and name of the sampler.
- Transporter: A transporter is engaged in the offsite transportation of waste by air, rail, highway, or water.

81.3 Associated Procedures

- SOP-11: Field Administration and Records
- SOP-12: Field Logbooks
- SOP-31: Sample Management
- SOP-42: Decontamination – Wash and Rinse Method

81.4 Equipment and Supplies

- Sampling supplies (ice chest, zip lock bags, tape, ice)
- Hand-auger
- Nonreactive mixing container (to composite samples)
- Hand trowel
- Bailer
- Peristaltic or low-flow pump

81.5 Procedures

Following generation of liquid and solid waste, these wastes must be characterized in accordance with applicable regulations. Federal regulations are documented in 40 CFR 261. These regulations require the waste generator to properly characterize and classify waste streams to allow for appropriate management, treatment, and disposal. The following sections provide guidelines for collection and analysis of waste characterization samples.

81.5.1 General Waste Characterization Information

It is the generator's responsibility to characterize all waste streams. The contractor (Jacobs) may assist the generator with waste characterization if specified in the project scope of work and necessary approvals are obtained (see Jacobs Hazardous Waste Policy). The generator is responsible for reviewing and signing all waste management documentation (e.g., profiles, manifests, and land disposal restrictions) indicating that the waste determination is accurate.

Waste stream characterization should be documented in the project file. The following should be considered when assisting a generator with waste characterization:

- Waste characterization is made using generator knowledge and analytical testing. The generator is responsible for identifying the source of contamination and determining whether the source is a listed hazardous waste. Obtain concurrence from the client regarding any releases that could be from a listed source.
- Is there adequate information (generator knowledge or analytical results from previously collected samples) available to characterize waste before it is generated? (i.e., results of in situ soil samples that can be used for characterization before the soil is excavated).
- What analytical methods are needed to properly characterize the waste?
- Are waste streams exempt or excluded from regulation as a hazardous waste?
- Is the waste regulated as a universal waste or recyclable hazardous waste?
- Does the waste require treatment prior to land disposal?
- Can alternatives be identified to reduce the amount of waste generated or recycle the waste?
- Estimate waste volumes.
- Identify TSDF sampling and analytical requirements.
- Identify appropriate licensed TSDFs for the waste streams to be generated.

Waste characterization requirements vary depending on the waste streams generated and the chemicals of concern associated with each site. Consult the responsible environmental manager (REM) for assistance.

81.5.2 Waste Sampling and Analysis

Sampling and analysis may be required when a waste stream cannot be properly characterized based on historical or process knowledge, to determine whether treatment is required prior to land disposal, or whether treatment is required pursuant to a legal requirement. This section outlines the key elements for identifying analytical requirements to characterize wastes and provides general guideline for collection of waste characterization samples. The exact analytical methods used will be completed in accordance with the selected disposal facility requirements. If analysis is required, the following elements should be considered:

- Selecting proper analytical methods and determining the necessary analytical reporting format
- Identifying proper sampling protocols

81.5.2.1 Identify Analytical Test Methods

Waste characterization may require multiple analytical test methods, depending on the potential composition of the waste and regulatory requirements. Analytical test methods will depend on the following considerations:

- Waste nature and quantity. Evaluate the historical and process information related to waste generation. This information is usually obtained from the generator. Prior to collecting waste characterization samples, a review of historic records associated with past site practices, review of analytical results from previous investigations, and review of applicable SDSs should be performed. A determination should also be made by the generator regarding whether the waste is considered a listed hazardous waste. If sampling is required to determine waste characterization, an understanding of the known and expected constituents will help determine what analytical parameters are required. The quantity of waste to be generated will also be used to determine the number of waste characterization samples needed.
- Regulatory Requirements. Proper characterization of waste requires collection of representative waste characterization samples. The number of samples needed, sampling frequency, and sampling methodology should be considered in the planning phases of the work. Additionally, regulatory limits are established on the federal and state level that are used to classify the waste for treatment or disposal purposes. The generator is responsible for waste classification in accordance with applicable requirements. Consult T&D coordinator and REM regarding applicable waste characterization requirements.
- Detection limits. Consult with the project chemist to identify appropriate laboratories and confirm detection limits of the proposed test methods. Confirm that the identified laboratories can provide the necessary detection limits and that detection limits are less than federal and state waste limits. Confirm that analytical methods satisfy all the analytical requirements necessary to characterize and safely transport, treat, and/or dispose of the waste.
- Disposal facility requirements. Many disposal facilities have waste acceptance criteria that are in addition to the regulatory waste characterization requirements (e.g., Paint Filter Liquids Test [EPA Method 9095]). The waste acceptance criteria may affect the test method or number of samples required per volume of waste. Contact REM or T&D coordinator to evaluate proposed disposal facilities (including landfill and wastewater treatment plants) and to identify the waste acceptance criteria for each project waste stream. Waste originating from sites under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires disposal at a facility approved by EPA for offsite disposal of CERCLA waste.

81.5.3 Waste Characterization Sampling

Separate waste characterization samples of solid waste (primarily soil) and liquid waste will be collected and analyzed in accordance with the sample collection procedures provide below. Waste from different sites with similar chemicals of concern may be sampled as one waste stream. Consult with an REM or T&D coordinator prior to combining waste streams. A Level II data package will be required for the waste characterization and incidental waste stream samples.

81.5.3.1 Soil/Solids Characterization

Waste characterization samples will be collected to evaluate the treatment and/or disposal requirements for soil/solids. In general, one composite sample and one grab sample for VOCs will be collected per 10 drums, and one composite and one grab sample for VOCs sample per 500 tons will be collected from soil bins. The number of waste characterization samples may be adjusted based on input from the waste receiving facility. Prior to collection of waste characterization samples, the chemicals of concern will be identified and the receiving facility will be contacted to determine the necessary analytical methods for the samples. The exact analytical methods used will be completed in accordance with the selected disposal facility requirements.

Collection Procedures. The procedures for collecting volatile fractions and for obtaining waste characterization samples from the drums or bins are as follows:

1. Use a hand auger or other device to retrieve a core from the drums or bins.
2. Remove the core from the auger or other device and use a disposable Terra Core sampler to place the sample into pre-preserved VOA vials. The transfer operation should ideally be completed in 1 minute to minimize loss of volatile components.

The procedures for collecting nonvolatile fractions are as follows:

1. From five randomly selected sample locations, collect several spoonfuls of the soil and place in a stainless-steel bowl.
2. Homogenize the five grab samples by the quartering techniques using the stainless-steel spoon. Thoroughly mix the sample and place in a uniform pile in the bowl. Divide the pile into four quarters using straight lines perpendicular to each other. Remove either pair of opposite corners from the sample and place into a separate bowl. Continue this process until the desired volume of sample is obtained. Care should be taken to avoid selecting large-sized particles to reduce sample bias. Fill the appropriate sample jars completely full with the homogenized sample.
3. Close the jar, and label and package the sample for shipment to the laboratory.

81.5.3.2 Liquids Characterization

Needed analyses will be determined by identifying chemicals of concern associated with the site or by requirements associated with the receiving facility. The exact analytical methods used will be completed in accordance with the selected disposal facility requirements. The following procedures will be used for liquids characterization.

One composite sample (and one grab sample for VOC and TPH-G analysis) will be collected per 10 drums, and one sample will be collected per portable tank or container per location and/or area. Water samples will be collected as follows.

1. Using a bailer or dip jar, collect a water sample from its containment.
2. Fill the sample containers for VOC and TPH-G analysis first (grab sample). Fill the 40-mL vials so that there is no headspace in each vial.
3. Fill the sample containers for the remaining analyses.

4. Label and package the samples for shipment to the laboratory.

A sampling plan should be developed to ensure analysis is based on representative samples. Consult the REM and project chemist to determine sampling requirements.

Standards for documenting field sampling activities, labeling the samples, documenting sample custody, and completing the CoC form are provided in Group 10 SOPs. The standards presented in those SOPs shall be followed to ensure that samples collected are maintained for their intended purpose and the conditions encountered during field activities are documented. This procedure shall apply to all sample collection conducted during field activities.

End of SOP-81

SOP-82 – Analysis and Characterization

This SOP describes procedures for analyzing and characterizing waste streams. This SOP lists the proper procedures to determine the regulatory status of wastes and is applicable to project activities that generate waste. It is designed to be used in conjunction with SOP-84 Waste Management Planning. Some state environmental or OSHA programs may have more stringent requirements.

82.1 References

- EPA: 40 CFR Parts 260 through 279, Resource Recovery and Conservation Act (RCRA)
- EPA: 40 CFR 761, Toxic Substances Control Act (TSCA,)
- DOT: 49 CFR 171 through 180, Hazardous Materials

82.2 Definitions

- Chain-of-Custody Form documents the transfer of custody and responsibility from the sampling personnel to the laboratory. This form also documents the identification of the samples and the analyses requested.
- Characterization is the process where waste constituent concentrations are identified and compared to legal requirements or threshold levels that affect waste disposal methods. The generator of the waste is required by law to perform this process. The process may include evaluation of historical or material safety data sheet (MSDS) information and/or analytical sampling and analysis.
- Custody seal is a label with adhesive backing that is placed on the sample and/or shipping container to enable detection of sample tampering.
- Detection limit is the expression for the minimum value reported by the laboratory for an analytical test method for a given constituent. Other terms that may be used in consultation with the laboratory include practical quantitation limit, sample quantitation limit, method detection limit, and project-specific reporting limit.
- A generator is any person whose act or process produces hazardous waste or whose act first causes hazardous waste to become subject to regulation.
- Logbook is a bound field notebook, with consecutively pre-numbered pages, that is clearly identified with the name of the project activity, the person responsible for maintenance of the notebook, and the beginning and ending dates of the entries.
- A regulatory level is the legal standard or threshold level that determines a waste characterization.
- Sample Label has adhesive backing that is affixed to each individual container containing the identification of the sample, the preservatives applied to the sample, analytical method to be used, the sampling date and time, and the name of the sampler.
- A transporter is engaged in the off-site transportation of waste by air, rail, highway, or water.

82.3 Associated Procedures

- SOP-84: Waste Management Planning

82.4 Roles and Responsibilities

- The Project Manager (PM) is responsible for ensuring the project is implemented in compliance with environmental requirements.
- Field sampling personnel are responsible for following these procedures and those listed in the Sampling and Analysis Plan during sampling activities, including recording pertinent data into the logbook to satisfy project requirements.
- Project QC Manager is responsible for ensuring that all field personnel follow these procedures and complete the sampling records described in this SOP. The Project QC Manager is also responsible for the following:
  - Reviewing logbook entries to ensure that the sampling event is properly and completely documented, and that each page is dated and signed
  - Verifying that the CoC Forms have been prepared completely and properly
  - Verifying that the sample labels correspond to the samples listed on the CoC form, and
  - Verifying that the samples collected and the analyses requested on the CoC match the Sampling and Analysis Plan and the Laboratory's Purchase Order (PO) and correct discrepancies

82.5 Procedures

Waste characterization is the client's legal responsibility. The contractor will not sign documentation (e.g., manifests) that suggests they are assuming the client's waste characterization responsibility.

82.5.1 General Waste Characterization Information

As discussed in SOP-84, Waste Management Planning, it is the client's responsibility to characterize all waste streams. The contractor may assist a client with waste characterization if specified in the project scope of work and all necessary approvals are obtained.

Waste stream characterization should be documented in the project file. The following should be considered when assisting a client with waste characterization:

- Assume waste is hazardous until proven non-hazardous
- Characterize before waste is generated (client may be able to do this using generator knowledge)
- Estimate waste volumes
- Identify disposal facility sampling and analytical requirements

Waste characterization requirements vary depending upon where the project is located.

82.5.2 Waste Sampling and Analysis

Sampling and analysis may be required when a waste stream cannot be properly characterized based on historical or process knowledge or is required pursuant to a legal requirement. This section outlines the key elements for identifying analytical requirements for managing wastes. If analysis is required, the following elements should be considered:

- Analytical methods and reporting format
- Sampling protocols

Waste characterization may require multiple analytical test methods, depending upon the potential composition and legal requirements. Analytical test methods will depend upon the following considerations:

- The nature and quantity of waste: Evaluate the historical and process information related to waste generation. This information is usually obtained through the client or a review of the MSDS. An understanding of the known and expected constituents will help determine what analytical parameters are required. The quantity of waste to be generated will also affect what types of samples may be used (e.g., composite or grab samples).
- Legal requirements for transporting, treating, and disposing of the waste: Legal requirements for waste analysis, transport, treatment, and disposal vary depending upon where the project is located.
- Analytical method detection limits: Consult with the laboratory to identify the detection limits of the proposed test methods and review the required levels that must be met. The analytical method should satisfy all the analytical requirements necessary to characterize and safely transport, treat, and dispose of the waste.
- Analysis required by the disposal facility: Many disposal facilities have waste acceptance criteria that are in addition to the regulatory waste characterization requirements (e.g., Paint Filter Liquids Test [EPA Method 9095]). The waste acceptance criteria may affect the test method or number of samples required per volume of waste.

82.5.3 Sampling

A sampling plan should be developed to ensure analysis is based on representative samples. Standards for documenting field sampling activities, labeling the samples, documenting sample custody, and completing the CoC form are provided in this procedure. The standards presented in this section shall be followed to ensure that samples collected are maintained for their intended purpose and that the conditions encountered during field activities are documented. This procedure shall apply to all sample collection conducted during field activities.

82.5.3.1 Logbook

The field logbook serves as the primary record of field activities. Entries shall be made chronologically and in sufficient detail to allow the writer or a reviewer to reconstruct each day's events. Each day's activities should be signed and dated. Any changes to the Sampling and Analysis Plan shall be documented in the field logbook. If changes need to be made to the sampling procedures or analysis (e.g., not enough recovery in a well to obtain enough groundwater sample for complete analysis), the field staff shall contact the PM to determine the appropriate action (e.g., which analyses will be omitted). Field logs such as soil boring logs and groundwater sampling logs should also be used.

82.5.3.2 Custody Procedures

For samples intended for chemical analysis, sample custody procedures shall be followed through sample collection, transfer, analysis, and final sample disposal to ensure that the integrity of the samples are maintained. Custody of samples shall be maintained in accordance with the sample custody procedures described below.

A sample is considered to be in custody if:

- It is in one's actual physical possession or view
- It is in one's physical possession and has not been tampered with (i.e., it is under lock or official seal)
- It is retained in a secured area with restricted access
- It is placed in a container and secured with an official seal such that the sample cannot be reached without breaking the seal

82.5.3.3 Sample Labels

A sample label shall be affixed on each individual sample container. Clear tape should be placed over each label to prevent the labels from tearing off, falling off, being smeared, and to prevent loss of information on the label. See Attachment 82-1: Sample Label and Completion Instructions.

82.5.3.4 Custody Seals

A minimum of two custody seals shall be placed on each container (bottle/jar/vial) immediately after sample collection or on sample shipping containers (coolers) prior to shipment of the samples. Custody seals will be placed in such a manner that they must be broken to open the sample container (bottle/jar/vial) or sample shipping containers (coolers).

The seals shall be placed over the left and right sides of the container's (cooler's) cover or be placed across the top of each individual sample container (bottle/jar/vial). Each custody seal must be signed and dated. Clear tape should be placed over each custody seal to prevent the custody seals from easily tearing or falling off. See Attachment 82-2: Custody Seal and Completion Instructions.

82.5.3.5 Chain-of-Custody Form Instructions

The CoC form (Attachment 82-3) completion procedures are crucial in properly transferring the custody and responsibility of samples from field personnel to the laboratory. This form also is important for accurately and concisely requesting analyses for each sample; it is essentially a release order from the analysis subcontract. Instruction for properly completing the form and contained in Attachment 82-3: Chain of Custody Form and Instructions.

Field personnel shall also log individual samples onto CoC forms when a sample is collected. These forms may also serve as the request for analyses.

The samplers shall sign the CoC form signifying they were the personnel who collected the samples. The CoC form shall accompany the samples from the field to the laboratory. If the samples are given to another person for shipment, the sampler must transfer custody of the samples to that person. This transfer shall be indicated on the CoC form. When the sample shipping container (cooler) is ready for shipment to the analytical laboratory, the name of the shipping company, along with the tracking number, shall be documented on the CoC form, indicating a transfer of custody from the field to the shipping company. One copy of the CoC form shall be retained by the field while the original CoC form is placed in a plastic zip sleeve and taped to the inside of the sample shipping container (cooler) cover.

Each sample shipping container (cooler) must be associated with a unique CoC form.

Put samples for waste characterization on different CoCs than samples for site investigation.

The electronic version of the CoC forms shall be sent by e-mail or fax to both the laboratory and the project chemist in order to alert them that the samples are in transit to the laboratory.

82.5.3.6 Records

The CoC form shall be sent by email or faxed to the project chemist and the laboratory upon shipment of the sample shipping containers (coolers). The original CoC form shall be submitted by the laboratory along with the final data packages. Any changes to the analytical requests on the CoC form or the laboratory PO shall be made in writing to the laboratory. A copy of this written change shall be sent to the project manager, laboratory, and placed in the project files. The reason for the change shall be included in the sample log and project files so that recurring problems can be easily identified.

82.6 Training Requirements

Employees on projects generating waste must successfully complete the following training:

- Dangerous Goods Training
- Waste Management Training

82.7 Attachments

Attachment 82-1: Sample Label and Completion Instructions

Attachment 82-2: Custody Seal and Completion Instructions

Attachment 82-3: Chain of Custody Form and Completion Instructions

Attachment 82-1: Example Sample Label and Completion Instructions

Project Name:_____Project No: _____

Sample ID: _____

Sample Date:_____Sample Time: _____

Sampler(s):_____

Analyses:_____

Preservatives: _____

Completion Instructions

The following information shall be recorded with a waterproof marker on each label:

- Project name
- Project number
- Sample identification or number
- Date and time of sample collection (24-hour clock)
- Sampler's name or initials
- Sample preservatives (if applicable)
- Analyses to be performed on the sample (specifically for the specific container and preservatives—typically for water samples only). This shall be identified by the method number (or name if the number is not known).

These labels may be obtained from the analytical laboratory or printed from a computer onto adhesive labels.

Attachment 82-2: Example Custody Seal and Completion Instructions

Signature:_____

Date and time:_____Time: _____

Completion Instructions

The custody seals shall contain the following information:

- Signature
- Date and time the sample container (bottle/jar/vial) or sample shipping container (cooler) was sealed (24-hour clock)

The custody seals may be obtained from the analytical laboratory or printed from a computer onto adhesive labels.

Attachment 82-3: Chain of Custody Form and Completion Instructions

The CoC form completion procedures are crucial in properly transferring the custody and responsibility of samples from field personnel to the laboratory. This form also is important for accurately and concisely requesting analyses for each sample; it is essentially a release order from the analysis subcontract.

1. CoC Number: Assign a unique ID that is linked to the project (e.g., 152901-001, GWM35-06-24-99)
2. Project Name: Overall name of project (e.g., Bradford Island)
3. Project Phase, Site, or Task: Name of specific site/task (e.g., Drilling and Sampling)
4. Project Contact: Contact person at site
5. Project Number: Project number assigned
6. Task Number: Task number assigned
7. Project Tel No. and email addresses: Numbers where laboratory can call with questions or email preliminary results
8. Laboratory Name and Contact: Name of lab where samples are to be sent and contact person
9. Lab PO Number: Laboratory Purchase Order number for the particular sampling event
10. Lab Tel No and email address: Numbers to call lab with questions and to email copy of CoC
11. Email and or Mail Reports (if requested) to; Recipient 1 (Name and Company) and or Recipient 2 (Name and Company) and or Recipient 3 (Name and Company), etc.: Person or persons where preliminary data and final copy of analytical results are to be emailed
12. Item (numbered 1 through 10): to be used when relinquishing samples
13. Sample Identifier: Specific sample number for each sample NOT FOR EACH BOTTLE. For QC samples such as trip blanks, use TB-sample date-number (1, 2, 3...if more than one trip blank on that sample date).
14. Sample Description/Location: Describe sample and where it was collected (confirmation soil collected at NW wall of excavation A or groundwater sample collected at MW3 at OWS 13 or soil boring collected at 2-foot interval at OWS 13)
15. Matrix: Soil, Sediment, Water, Oil, Product, Vapor, Wipe, etc.
16. Date Collected: What day was sample collected
17. Time Collected: What time was sample collected (24-hour clock)
18. Data Package Level: Data Package Level (A, B, or C)
19. TAT (Calendar Days): Place turn-around-time in days for when preliminary results are due
20. Analyses Required (Include Method Numbers): List one analysis per column and include method number (will be listed in Sampling and Analysis Plan) (TCL VOCsby 8260B)
21. Sample Type: Field, QC, Grab, Composite (include all applicable descriptions; e.g., Field Grab
22. Comments/Screening Readings: Place any comments here, for example, “strong organic odor.” Also if soil was screened before sent to lab, place screening resultshere.
23. Lab ID: Leave this blank, this is for lab’s use.
24. Sampler(s) and Company: ALL samplers’ names and companies here.

25. Courier and Shipping Number: Put name of shipping company and airbill number(s) here. Include ALL airbill numbers.
26. Samples Temp and Conditions Upon Receipt: Leave blank, lab will fill in.
27. Relinquished by: Sign and print name and place date and time here. Date should be on or after date collected. (See SOP-31 for custodial instructions)
28. Received by: Sign and print name and place date and time here. (See SOP-31 for custodial instructions)

End of SOP-82

JACOBS

CHAIN OF CUSTODY RECORD

PROJECT INFORMATION

COC Number EPA001

Project Manager

Sample Manager

Name BRADFORD

Project BRADFORD ISLAND 2024 GW

Location Bradford Island

Project Number BRADFORD.U.PN.UP

Task Order 1

Turnaround Time 21 Days

Shipping Date:

			Container:	1L Amber Glass	500ml Poly	500ml Poly	500ml Poly	1L Amber Glass	40ml Glass Vial			
			Preservatives:	4'C	HNO3, 4'C	HNO3, 4'C	HNO3, 4'C	4'C	HCl, pH<2, 4'C			
			Filtered:	NA	NA	NA	NA	NA	NA			
			Holding Time:	7	28	28	28	7	14			
	DATE	TIME	Matrix	Herbicides 8321B	Metals 6010D	Metals 6020B	Metals 7470A	SVOC 8270E	VOC 8260D		Number of Containers	COMMENTS
__			Water	X	X	X	X	X	X		9	
___			Water	X	X	X	X	X	X		9	
____			Water	X	X	X	X	X	X		9	
_____			Water	X	X	X	X	X	X		9	
MW-01			Water	X	X	X	X	X	X		9	
										TOTAL NUMBER OF CONTAINERS	45	

	Signatures	Date/Time
Approved by		
Sampled by		
Relinquished by		
Received by		
Relinquished by		
Received by		

Shipping Details

Method of Shipment: FedEx

On Ice: yes / no

Airbill No:

Lab Name: US EPA Region 9 Laboratory

Lab Phone: (510) 412-2389

ATTN:

Sample Custody

and

Sample Custodian

Special Instructions:

Report Copy to

Mark Cichy

SOP-83 – Non-Hazardous Waste

This SOP describes the management practices associated with non-hazardous waste. Waste management includes storage, transportation, and disposal of waste. This SOP applies to the contractor, subcontractors, and their lower-tier subcontractors. Some state environmental or OSHA programs may have more stringent requirements.

Non-hazardous wastes are generally subject to solid waste management requirements. Other wastes that are not hazardous but are subject to regulation include asbestos waste, PCB waste, and lead-contaminated waste. However, non-hazardous waste may be more stringently regulated by a state or local entity. Consult the Environmental Manager to determine state or local management standards.

83.1 References

The following regulations were referenced to prepare this Standard Operating Procedure:

- EPA: 40 CFR Parts 260 through 279, Resource Recovery and Conservation Act
- EPA: 40 CFR 761, Polychlorinated Biphenyls, Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions

83.2 Definitions

- Asbestos-Containing Materials are materials that contain more than one percent asbestos that may be generated from construction, demolition or renovation of structures where asbestos is present; or removal of materials containing asbestos.
- Characterization is the process performed by a generator to determine the type of waste being managed and how the waste should be disposed. This process can involve identifying waste constituent concentrations and comparing the concentrations to legal requirements or threshold levels that affect how the waste is disposed. Waste characterization procedures are provided in the SOP-82, Analysis and Characterization.
- Construction and demolition (C&D) debris is waste material that is produced in the process of construction, renovation or demolition of structures. Structures can include buildings, bridges, slabs, and pavements. Components of C&D debris typically include concrete, asphalt, wood, metals, gypsum wallboard, and roofing. Note that some states have separate regulatory requirements for C&D waste.
- Lead-contaminated wastes are wastes that contain lead (e.g., old paint containing lead). Such wastes may be generated during construction, demolition, or renovation of structures.
- Non-hazardous wastes are considered to be wastes that are not classified as hazardous under RCRA Subtitle C and are not subject to other regulatory requirements (e.g., PCB, asbestos).
- The National Pollutant Discharge Elimination System (NPDES) permit program regulates the point source discharge of industrial wastewater and storm water.
- Publicly-owned treatment works (POTW), owned by a state or municipality, are used to treat (including recycle and reclaim) either domestic sewage or a combination of domestic sewage and industrial waste of a liquid nature. If owned by a federal agency (e.g., Department of Defense), this is called a federally-owned treatment works (FOTW).
- Purge water is removed from a well prior to the collection of a groundwater sample to make sure that the sample is representative of groundwater in the aquifer and not stagnant water within the well.

- Petroleum-contaminated soil refers to soil that may be contaminated with petroleum as a result of leaky underground storage tanks or some other source.
- PCB Wastes: Most PCB wastes that are encountered are generated from management of PCB-containing equipment (e.g., light ballasts) or clean up and remediation of PCB-contaminated soils. This also includes PCB articles - any PCB item, PCB container, PCB equipment, or anything that deliberately or unintentionally contains PCBs.
- Solid wastes are generally non-hazardous wastes that do not contain any regulated constituents such as solvents, lead, and PCBs.
- A stockpile is an area where soil or debris is consolidated and stored or managed in a pile.
- The Underground Injection Control (UIC) Program refers to the EPA program responsible for monitoring subsurface wastewater discharges.
- Universal waste is hazardous waste that is regulated by EPA or state jurisdictions having authority over hazardous waste regulation. If managed as universal waste, these hazardous wastes are subject to less stringent management procedures. These wastes currently include batteries, agricultural pesticides, mercury-containing thermostats, lamps, and aerosol cans.
- Well development water refers to water that is circulated through the well screen and well bore to remove settled and suspended materials within the well, which increases the permeability of the formation surrounding the well screen.

83.3 Associated Procedures

- SOP-82 Analysis and Characterization
- SOP-84 Waste Management Planning

83.4 Roles and Responsibilities

- PM: The PM is responsible for ensuring that non-hazardous wastes are managed in accordance with this SOP.

83.5 Procedures

Non-hazardous wastes will be managed in accordance with good management practices.

83.6 Waste Characterization and Management

To assure proper management and disposal, it is necessary to determine the type of waste that needs to be managed. Refer to SOP-82, Analysis and Characterization for waste characterization procedures.

Some states and local agencies require that petroleum-contaminated soil be managed in a more stringent manner and may even require that it be managed as hazardous waste. For all waste streams, order of preference for waste management is source reduction, recycling, and lastly disposal.

83.6.1 Source Reduction

Source reduction is defined as the design, manufacture, and use of products to reduce the quantity and toxicity of waste produced when the products reach the end of their useful lives. Source reduction activities fall into some basic categories:

- Product reuse (e.g., reusable shopping bags and coffee mugs)
- Reduced material volume (e.g., less unnecessary packaging for products)

- Reduced toxicity of products (e.g., use substitutes for lead, cadmium, mercury, and other toxins)
- Increased product lifetime (e.g., design products with longer useful life)
- Decreased consumption (e.g., changing consumer buying practices, bulk purchasing). These source reduction practices reduce cost and amount of waste management practices.

83.6.1.1 Recycling

A variety of office and project wastes can be recycled.

The following office materials are recycled:

- Aluminum cans
- Corrugated cardboard
- Laser printer cartridges
- Newspaper
- Office paper
- Magazines
- Telephone books
- Lead-acid batteries
- Selected plastics

The following project materials should also be recycled:

- Asphalt
- Concrete
- Insulation
- Scrap metal
- Petroleum-contaminated soil
- Carbon filters

83.6.2 Storage

The storage of solid waste (including items that may be recycled, e.g., petroleum- contaminated soil) may be subject to state or local requirements.

83.6.2.1 Stockpiles

Solid waste stockpiles are typically regulated by state and local agencies. Technical standards may include storing the wastes on plastic sheeting and covering with plastic. For off-site response activities, laws related to solid waste stockpiles will be evaluated for applicability and compliance requirements.

83.6.2.2 Containers

Solid waste containers should meet DOT specifications. State and local agencies may also have specific requirements for solid waste containers.

83.6.2.3 Labels

The non-hazardous waste label and other labels can be ordered by phone or online through Mesa Label Express (www.mesalabel.com; 858-693-4987) or Label master (www.labelmaster.com; 800-621-5808).

83.6.3 Disposal

Non-hazardous wastes are subject to regulation as solid waste. The following subsections discuss management of typical non-hazardous wastes generated at project sites.

83.6.3.1 Construction and Demolition Debris

Demolition debris can be hauled, and then dispensed at any C&D landfill or any municipal solid waste landfill that is permitted to accept C&D debris. C&D debris should be reduced whenever possible. Clean C&D debris can be reused, such as broken concrete without protruding metal bars, bricks, rock, stone, reclaimed asphalt pavement, dirt, or sand. Additionally, there are a number of C&D debris recyclers that will accept wood, aluminum and other metals, asphalt, concrete, and corrugated cardboard. If debris is known to contain hazardous substances, review SOP-84, Waste Management Planning and SOP-82, Analysis and Characterization to determine the appropriate procedures for disposal.

83.6.3.2 Lead-contaminated Waste

If lead-based paint debris from abatement, deleading, renovation, remodeling, and demolition contains more than 5 mg/L of lead (determined by knowledge of the waste or TCLP tests), the debris may be subject to RCRA subtitle C hazardous waste requirements. For dangerous waste requirements and procedures, refer to SOP-84, Waste Management Planning and SOP-82, Analysis and Characterization. EPA has proposed a rule to exclude lead-based paint from regulation as hazardous waste.

83.6.3.3 Petroleum-contaminated Soil

The scope of this remedial investigation does not include treatment of petroleum-contaminated soil.

83.6.3.4 Well Purge and Development Water

There are four options for the disposal of well purge and development water generated at project sites:

- Onsite treatment and discharge
- Discharge to POTW/FOTW
- Discharge to injection galleries/injection wells
- Discharge to ground

Onsite Treatment and Discharge. Non-hazardous well purge/development water may be treated with an existing groundwater treatment system. Purge water can be discharged to an onsite wastewater pretreatment system operated by the facility owner, providing it does not affect the discharge from the pretreatment system.

Hazardous purge/well development water can also be treated onsite in a treatment system without a hazardous waste treatment permit if the treatment system can be defined as a wastewater treatment unit under RCRA 40 CFR 264.1 (g)(10). To do so, the following criteria must be met:

- The treatment unit has an NPDES permit under the Clean Water Act (CWA), or discharges to a POTW via sewer or direct connection, under a permit or written approval, and complies with the conditions of the permit or written approval;
- The purge/well development water must be approved in the permit application or by written approval;
- The treatment unit receives and treats (or stores) influent wastewater, which might be hazardous; and
- The treatment unit meets the definition of a tank or tank system.

If discharged to a POTW, the water is no longer defined as a “solid waste” under RCRA once it is in the sewer because it is regulated under the CWA.

In addition to the above, the water should originate from wells at the site and not from other sites; i.e., from the same aquifer. Do not treat water from offsite sources unless instructed by the client in writing, and only after receiving State approval. Although treatment devices, such as carbon canisters, air strippers, and oil/water separators are often considered a tank or tank system, these definitions are

subject to state and local regulatory interpretation. Waste residues, e.g., filter bags, and tower packing, from water treatment are not exempt from the RCRA regulations and must be tested to determine if they are a hazardous waste.

Discharge at Offsite POTW/FOTW. Hazardous and non-hazardous well purge/development water may be discharged at an offsite POTW under the following conditions:

- The discharged water is properly classified, using "client" knowledge and/or testing;
- The water must not be ignitable and must not have a sheen or film of separate-phase oil or other organics;
- A written notice, signed by the client, is submitted to the POTW, and the water meets the POTW acceptance limits (the client determines this);
- Approval from the POTW is received in writing; and
- For hazardous waste shipments to POTWs, federal regulations in 40 CFR 270.1(c)(2)(v) also require the POTW to:
  - Have an EPA ID number
  - Request use of a Hazardous Waste Manifest for the shipment
  - Report manifest discrepancies
  - Submit Biennial and unmanifested waste reports
  - The waste must meet pre-treatment requirements

This is not a preferred option. It is also impractical because it is difficult to find a POTW that will accept RCRA or state hazardous wastes. If a POTW is used, document the shipment with a shipping paper or manifest, and make arrangements for transportation with a transporter approved for use.

Discharge to Injection Galleries/Injection Wells. Discharge of well purge/development water to an injection gallery or injection well is allowed by permit or approval. The purge water must originate from wells at the site, i.e., from the same aquifer, and have the same chemical properties as that approved for re-injection. The criteria below must be met:

- The water is non-hazardous or is exempt from hazardous waste regulations under 40 CFR 261.4(a) & (b); and
- The injection gallery at the client site is operating under a state permit, or approval from the EPA Regional Underground Injection Control (UIC) Coordinator; or
- For CERCLA Sites, if the water is hazardous and is discharged to an injection gallery or injection well constructed within a designated area of contamination, the agency will likely establish discharge limits, and monitoring/reporting requirements through the state UIC or wastewater discharge program.

Discharge to Ground Surface. Discharge of purge water to ground surface is allowable under the following conditions:

- The discharged water is properly classified, using client knowledge and/or testing
- The water is not a RCRA or state hazardous waste
- Written approval is received from the client
- Discharge is performed under state permit or approval, or state guidelines

States often require that purge water be filtered with carbon prior to discharge to ground surface. Portable handcart-mounted adsorption units are available from a number of vendors such as Continental Environmental Systems (800-342-1103). Remember that a container of granular activated carbon that shows signs of "breakthrough" is considered "spent" and must be managed as a waste and must be characterized under procedures discussed in the Analysis and Characterization SOP (SOP-82).

83.7 Training Requirements

Employees on projects that generate waste must complete the following training:

- Dangerous Goods Training
- Waste Management Training

End of SOP-83

SOP-84 – Waste Management Planning

This SOP discusses planning for waste management.

Aspects of waste management include responsibility, budgets, methods to reduce costs, and a waste management plan. This SOP applies to contractor, subcontractors, and their lower-tier subcontractors. Some state environmental programs may have more stringent requirements.

84.1 References

The following regulations were referenced to prepare this SOP:

- EPA: 40 CFR Parts 260 through 279, Resource Recovery and Conservation Act
- EPA: 40 CFR 761, Toxic Substances Control Act (TSCA)
- DOT: 49 CFR 171 through 180, Hazardous Materials

84.2 Definitions

- Hazardous waste is a term used in the U.S. for solid waste that is regulated by the EPA as hazardous to human health or the environment. Other countries also regulate toxic wastes which are hazardous to human health or the environment. Country-specific regulations may define additional wastes or criteria for specific “hazardous” wastes. Note that in the U.S., state-specific regulations may also define additional wastes or criteria for specific “hazardous” wastes; these wastes are in addition to those “hazardous” wastes regulated by the EPA. As a result, state-specific regulations must also be reviewed.
- Solid waste is any material, regardless of physical state (solid, liquid, or containerized gases), that is discarded by being: abandoned, inherently waste-like, a discarded military munition, or recycled in certain ways.
- State-regulated/special/industrial wastes are wastes that have been identified by some state agencies for control under state waste management regulations, often as a separate list or reference to those already identified by the EPA. Special wastes are usually non-hazardous, but most other state-regulated/industrial wastes are considered “hazardous” or “dangerous” by the state. Note that the definition of “special” and “industrial” waste varies from state to state.
- Universal waste is any waste that is listed as universal waste by the EPA or state jurisdictions having authority over hazardous waste regulation. These currently include batteries, agricultural pesticides, thermostats, and mercury-containing lamps. These wastes are subject to less stringent requirements than RCRA hazardous waste.
- Waste is any material that is discarded, i.e., abandoned, disposed, or recycled whether non-hazardous, hazardous, Toxic Substances Control Act-regulated, unexploded/explosive ordnance, or radioactive. Examples include contaminated soil, ground water, decontamination fluid, purge water, drilling fluids, personal protective equipment, disposable equipment, laboratory wastes from on-site testing, scrap metal, and debris from demolition or construction.

84.3 Associated Procedures

- SOP-82: Analysis and Characterization
- SOP-83: Non-Hazardous Waste

84.4 Roles and Responsibilities

The PM is responsible for ensuring the project is implemented in compliance with environmental requirements.

84.5 Procedures

The following requirements, outlined in this SOP, must be implemented when project activities involve waste management.

84.5.1 Waste Management Planning

Contractor's role and responsibility in managing project wastes is determined by applicable laws and regulations and by contractual obligations.

84.5.1.1 Permits

Identify permits that will be required for the project and identify role in obtaining permits. The permits should be in the client's name unless otherwise approved and necessary contractual terms are incorporated.

84.5.1.2 Generator

Clarify who will be named as the waste generator in the scope of work and contract.

84.5.1.3 Estimate Hazardous Waste Volume

The volume of hazardous waste generated by the project should be estimated since it may impact the client's regulatory status, project costs, training requirements, and reporting requirements.

84.5.1.4 Waste Characterization

Determine if contractor will be required to characterize waste streams for the client's review and approval, or if the client will characterize waste without contractor involvement. Refer to SOP-82, Analysis and Characterization for information on the fundamentals of waste characterization. Use the following tips for waste characterization:

- Assume that waste is hazardous until proven non-hazardous
- Characterize wastes before they are generated
- Estimate the volume of waste
- Know the disposal facility's analytical and sample requirements

84.5.1.5 Waste Storage Areas

Determine how contractor will be involved in the management of waste storage areas. Ask whether there are facilities in place, or if an accumulation and storage area need to be established as part of the project (e.g., construction of containment building, fenced area, berms, management of the area, including signage and inspections).

84.5.1.6 Transportation and Disposal

Identify contractor role in waste transport and disposal. If is responsible for the transport or disposal of a regulated waste (e.g., hazardous, PCBs, used oil, wastewater, wastes to be recycled, universal wastes, special/industrial wastes), the transport and disposal facilities must be evaluated. Because contractual relationships cannot fully mitigate the long-term liability associated with waste management, to protect our long-term interests potential vendors must be evaluated to ensure they are managing wastes responsibly. Transport and disposal facilities must be evaluated, including those proposed by the client.

Transport of hazardous materials (including hazardous wastes) must comply with Department of Transportation regulations (DOT; 49 CFR 171). Transport of hazardous materials by air must comply with the International Air Transportation Association regulations. Contact your regional DOT Expert for assistance with shipping of hazardous materials.

84.5.1.7 Recordkeeping

Determine whether the client or contractor will be responsible for records associated with waste management. Potential records include profiles, manifests, land disposal certifications/notifications, transportation/disposal logs, inspection logs, sample logs, exception reports, and biennial report information.

84.5.2 Reduce Waste Management Costs

Waste management costs may be reduced in a number of ways. Consider some of the following options:

- Determine how to most effectively consolidate or segregate wastes by using bulk containers such as tanks, dump trailers, roll-offs, or cubic yard boxes instead of drums.
- Increase onsite accumulation/storage time by placing waste in a designated area of contamination, if regulations permit.
- Evaluate concentrations to determine if environmental media (e.g., soils) can be managed as non-hazardous waste,
- Reuse and recycle metal, asphalt, concrete, creosote timbers, and other materials to avoid disposal costs and increase profit.
- Identify universal wastes and take advantage of the reduced transportation, storage, and disposal requirements.
- Determine cost-effective methods of waste analysis, such as composite sampling and use of the “20-times rule” to avoid running TCLP.
- For projects that have existing pump and treat systems or onsite wastewater treatment systems, consider treating well purge and development water through the treatment system. Consult existing discharge permits to make sure this practice is allowable.

84.5.3 Develop Waste Management Plan

Projects that generate a waste stream, whether hazardous or non-hazardous, must have a waste management plan or a waste management section in the work or health, safety, and environmental protection plans. The waste management plan should include tasks associated with waste management identified in the scope of work, client procedures, and country/state-specific requirements.

Determine if the client has internal waste management procedures and obtain a copy. Relevant procedures should be incorporated into the project waste management plan. Potential client procedures include facility-specific waste identification labels, forms, accumulation area approvals, or more stringent accumulation time limits.

84.6 Training Requirements

Staff who anticipate working on projects where there could be waste generated, must complete the following training:

- Dangerous Goods Training
- Waste Management Training

- Project-specific waste management training, including waste handling procedures, emergency procedures, emergency equipment and systems

End of SOP-84

Group 100 SOPs
Standard Forms

Form 101 – Logbook Record

Logbook Location or Function_____

Logbook Number _____

Field Logbook Checked Out (Date and Time)	Field Logbook Checked In (Date and Time)	Signature of Responsible Sampling Team Leader

Form 102 – Field Personnel Sign-In Log

WEEK BEGINNING _____, 20__

NAME	INITIAL EACH DAY of the week prior to going into the field						
	Sat	Sun	Mon	Tues	Wed	Thur	Fri

OTHERS NAME	INITIAL EACH DAY of the week that you are actually onsite						
	Sat	Sun	Mon	Tues	Wed	Thur	Fri

Form 103 – Visitor Sign-In Log

VISITOR SIGN-IN LOG				
Date	Time	Name	Representing	Telephone

Form 104 – Photographic Documentation

Camera Type _____ Model Number _____

Photo No.	Date	Time	Photographer	Location	Description
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Form 105 – Soil Boring Log

(Insert Form 105 from PDF)

Form 106 – Well Completion Data Form

(Insert Form 106 from PDF)

Form 107 – Well Development Data Form

PROJECT NUMBER	WELL NUMBER SHEET 1 OF 2

WELL DEVELOPMENT LOG

PROJECT:	LOCATION:	
DEVELOPMENT CONTRACTOR:	LOGGER:	
DEVELOPMENT METHOD AND EQUIPMENT USED:		
DATE:	SWAB START TIME:	SWAB END TIME:
INITIAL STATIC WATER LEVEL (feet BTOC):	BAIL START TIME:	BAIL END TIME:
POST BAILING WATER LEVEL (feet BTOC):	VOLUME OF WATER BAILED (gallons):	
TAGGED DEPTH OF WELL (feet bgs):	CAPACITY OF BAILER (gpm):	
SCREENED INTERVAL (feet bgs):	TOTAL QUANTITY OF WATER DISCHARGED (gallons):	
MAXIMUM DRAWDOWN DURING PUMPING (feet):	DISPOSITION OF DISCHARGE WATER:	
RANGE AND AVERAGE DISCHARGE RATE (gpm):	REMARKS:	
TIME PUMP TURNED OFF:		

Time	Water Volume Discharged (gallons)	Water Level (ft BTOC)	pH (+/- 0.2)	Conductivity (mS/cm) (+/- 10%)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C) (+/- 1°C)	Redox (mV)	Remarks (color, odor, sheen, sediment, etc.)
									Parameters of FIRST bailed water
									Parameters of LAST bailed water

Notes:

1. Development will be considered complete when a minimum of 10 well volumes have been removed (by bailing and pumping combined) and when parameters have stabilized to within a pH of 0.2 unit, EC is within 10 percent, and temperature is within 1°C.
2. Note the volume of water discharged, water level, and field parameters throughout development. This includes swabbing and bailing stage. Remarks about the water being bailed should also be documented on the development log. Remarks about sand being bailed. Record times each activity started/stopped.

	PROJECT NUMBER	WELL NUMBER SHEET 2 OF 2

POST - DEVELOPMENT WELL RECOVERY LOG

PROJECT:	LOCATION:
DEVELOPMENT CONTRACTOR:	RECOVERY START TIME: RECOVERY END TIME:
DEVELOPMENT METHOD AND EQUIPMENT USED:	
DATE:	LOGGER:
AVERAGE DISCHARGE RATE (gpm):	SCREENED INTERVAL (feet bgs):
INITIAL STATIC WATER LEVEL (feet BTOC):	TAGGED DEPTH OF WELL (feet bgs):
POST BAILING WATER LEVEL (feet BTOC):	PARAMETER ESTIMATION
WATER LEVEL PRIOR TO TURNING OFF PUMP (feet BTOC):	MAXIMUM DRAWDOWN (feet):
TIME PUMP TURNED OFF:	SPECIFIC CAPACITY (gpm/feet):
	TRANSMISSIVITY (gpd/feet):
REMARKS:	HYDRAULIC CONDUCTIVITY (gpd/square feet):

Time since pump was stopped (seconds)	Time (HH:MIN)	Water level (feet BTOC)	% Recovery
30			
60			
90			
120			
150			
180			
240			
300			
360			
420			
480			
540			
600			
660			
720			
780			
840			
900			
1200			
1500			
1800			
2100			
2400			
2700			
3000			
3300			
3600			
3900			
4200			
4500			
4800			
5100			
5400			
5700			
6000			
6300			

Notes:

1. **Well Recovery (%)** = 1 – (Measured Water Level during Recovery – Initial Static Water Level) / (Measured Water Level Prior to turning off Pump – Initial Static Water Level)
2. **Maximum Drawdown (feet)** = Measured Water Level Prior to turning off Pump – Initial Static Water Level
3. **Specific Capacity (gpm/feet)** = Pump Rate / Maximum Drawdown
4. **Transmissivity (gpd/feet)** = 1500 * Specific Capacity
5. **Hydraulic Conductivity (gpd/square feet)** = Transmissivity / Aquifer thickness

Form 111 – Conventional Well Purge and Sampling Field Data Form

WELL PURGE AND SAMPLING FIELD SHEET

PROJECT#_____

WELL NUMBER: **SITE:**

FIELD CREW: (leave blank if on previous page)

		CASING DIAMETER		GAL/FT OF CASING	
DEPTH TO WATER (FT):	=				
WELL DEPTH (FT):	-	**2 IN.**		**0.1632**	
WATER COLUMN (FT):	=	**4 IN.**		**0.6528**	
GAL/FT OF CASING	x	**6 IN.**		**1.4688**	
CASING VOLUME (GAL)	=	**8 IN.**		**2.611**	
NO. OF VOLUMES min.(3)	x	**10 IN.**		**4.0797**	
PURGE VOLUME (GAL)	=	**12 IN.**		**5.8748**	

METHOD OF PURGING (circle one)

PUMP: SUB. CENT. PERIST.	**OTHER:**	**BAILER** : TEFLON, SS ,OTHER:
TIME ON:		BAILER VOL.. (gal) .25 / .33
FLOW RATE (gpm):		REQUIRED PULLS:
PUMP TIME (min):		VOL. PURGED (gals):
VOL. PURGED (gals):		OTHER:

FIELD PARAMETERS	**FIELD MEASUREMENTS**					WITHIN10% Y / N
	1st	2nd	3rd	4th	5th	6th
TIME						
VOL. (gal)						
pH (s.units)						
TEMP.(C)						
COND.(umhos/cm)						

SAMPLE PARAMETERS (**GRAB** OR **COMPOSITE**) :

FILTERED METALS COLLECTED: Y / N 1.0um,0.45um, OTHER:

OBSERVATIONS

COLOR: CLEAR , AMBER , TAN , BROWN , GREY , MILKY WHITE , OTHER:

ODOR: NONE , LOW , MEDIUM , HIGH , VERY STRONG , H2S , FUEL LIKE , CHEMICAL ?, UNKNOWN

TURBIDITY NONE , LOW , MEDIUM , HIGH , VERY TURBID. HEAVY SILTS

COMMENTS:

OTHER: PLEASE USE BACK OF SHT.FOR SKETCHING MAPS ,WELL LOCATION NOTES ECT. **SEE BACK OF SHT Y / N.**

Q.C. SAMPLE TYPE: DUPLICATE , EQUIPMENT BLANK , OTHER :

Q.C. PARAMETERS:

SAMPLE DATE/ TIME: / @

SIGNED/SAMPLER: _____

Form 112 – Low-Flow Well Purge Field Data Form

GROUNDWATER SAMPLING
LOW-FLOW WELL PURGE FIELD DATA FORM

SITE ID **LOCATION ID**
PROJECT **TASK MANAGER**
PROJECT NUMBER **DATE** _____

GENERAL INFORMATION

WEATHER (circle) SUN CLEAR OVERCAST RAIN
WIND DIRECTION _____ AMBIENT TEMPERATURE _____

FIELD CONDITIONS _____

AIR MONITORING	Time	VOCs (ppm)	LEL (%)	O_2 (%)	H_2S (ppm)	CO (ppm)	Notes
Breathing Zone							
Well Head							

PURGE INFORMATION

START TIME _____ END TIME _____

SCREEN INTERVAL (ft btoc) _____ TOTAL DEPTH (ft btoc) _____

INITIAL DEPTH TO WATER (ft btoc) _____ PUMP DEPTH (ft btoc) _____

PURGE RATE (mL/min) _____ TOTAL VOLUME PURGED (mL) _____

PURGE WATER DISPOSAL LOCATION _____

Stabalization Criteria		± 0.1	± 3% or ± 5 uS/cm	± 5	± 10% > 1 ± 0.1 < 1	± 0.2	± 10% or from -10 to 10 mV	< -0.5 ft or 10% of the water column
TIME	VOLUME PURGED (mL)	pH	COND (uS/cm mS/cm) *Circle or Note Units Used*	TURBIDITY (NTU)	DO (mg/L)	TEMP (°C)	ORP (mV)	WATER LEVEL (ft btoc)

FIELD TEAM (initials) _____ **FQM CHECK (initial/date)** _____

Form 115 – Water Level Measurement Data Form

Site	Location ID	Measured DTW	Sample Type	Date	Time	Reference DTW	VOCs	O_2	LEL	H_2S	Decon Y/N	Samplers	Well Conditions and Additional Comments

Form 116 – Calibration Log

CALIBRATION LOG

Project _____ **Date** _____

Project Number _____ **Calibrator Initials** _____

AIR MONITORING EQUIPMENT:

Multigas Lot # _____ Expiration _____
Manufacturer _____ Regulator # 715 (0.5 LPM)

Isobutylene Lot # _____ Expiration _____
Manufacturer _____ Regulator # 713 (0.5 LPM)

Monitor Make/Model/ID# _____

Fresh Air Pass? Y N

	O (%)	CO (ppm)	H S (ppm)	LEL (%)	VOCs (ppm)
Standard	18.0	50	10.0	50	100.0
Span Cal					

WATER QUALITY METERS:

HACH Make/Model/ID# _____

Standard	Reading

YSI Make/Model/ID# _____

Parameter	Standard	Lot #	Expiration	Pre-Cal	Post-Cal
pH	7.00				
pH	4.00				
pH	10.0				
Conductivity (mS/cm)	1.413				
Dissolved Oxygen (%)	100	N/A	N/A	N/A	
ORP (mV)					

TEMPERATURE READING _____ °C

Notes: Calibrate pH in the following order 7, 4, 10
ORP Standard = 263.5 - 1.3 * temperature (°C)

Comments:

Appendix C
Laboratory Standard Operating Procedures and DoD ELAP Accreditation

Accredited Laboratory

A2LA has accredited

EUROFINS TESTAMERICA DENVER

Arvada, CO

for technical competence in the field of

Environmental Testing

In recognition of the successful completion of the A2LA evaluation process that includes an assessment of the laboratory's compliance with ISO/IEC 17025:2017, the 2009 and 2016 TNI Environmental Testing Laboratory Standard, the requirements of the Department of Defense Environmental Laboratory Accreditation Program (DoD ELAP), and the requirements of the Department of Energy Consolidated Audit Program (DOECAP) as detailed in version 5.4 of the DoD/DOE Quality System Manual for Environmental Laboratories (QSM), accreditation is granted to this laboratory to perform recognized EPA methods as defined on the associated A2LA Environmental Scope of Accreditation. This accreditation demonstrates technical competence for this defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

Presented this 27th day of October 2023.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2907.01
Valid to October 31, 2025

For the tests to which this accreditation applies, please refer to the laboratory's Environmental Scope of Accreditation.

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EUROFINS DENVER
4955 Yarrow Street
Arvada, CO 80002
Anthony Grimaldi Phone: 303-328-7908
www.eurofinsus.com

ENVIRONMENTAL

Valid To: October 31, 2025 Certificate Number: 2907.01

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with the 2009 and 2016 TNI Environmental Testing Laboratory Standard, the requirements of the DoD Environmental Laboratory Accreditation Program (DoD ELAP), and the requirements of the Department of Energy Consolidated Audit Program (DOECAP) as detailed in version 5.4 of the DoD/DOE Quality Systems Manual for Environmental Laboratories), and for the test methods applicable to the Wyoming Storage Tank Remediation Laboratory Accreditation Program, accreditation is granted to this laboratory to perform recognized EPA methods using the following testing technologies and in the analyte categories identified below:

Testing Technologies

Atomic Absorption/ICP-AES Spectrometry, ICP/MS, Gas Chromatography, Gas Chromatography/Mass Spectrometry, Gravimetry, High Performance Liquid Chromatography, Ion Chromatography, Misc.- Electronic Probes (pH, O_2), Oxygen Demand, Hazardous Waste Characteristics Tests, Spectrophotometry (Visible), Spectrophotometry (Automated), Titrimetry, Total Organic Carbon, Total Organic Halide

Parameter/Analyte	**Non-Potable (Water)**	**Solid Hazardous Waste (Water)**	**Solid Hazardous Waste (Solid)**
Metals			
Aluminum	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Antimony	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Arsenic	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Barium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Beryllium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Boron	EPA 6010B/6010C/6010D EPA 200.7	EPA 6010B/6010C/6010D EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D

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Parameter/Analyte	**Non-Potable (Water)**	**Solid Hazardous Waste (Water)**	**Solid Hazardous Waste (Solid)**
Cadmium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Calcium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Chromium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Cobalt	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Copper	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Iron	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Lead	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Lithium	EPA 200.7 EPA 6010B/6010C/6010D	EPA 6010B/6010C/6010D EPA 200.7	EPA 6010B/6010C/6010D
Magnesium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Manganese	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Mercury	EPA 245.1 EPA 7470A	EPA 7470A EPA 245.1	EPA 7471A/7471B
Molybdenum	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Nickel	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Potassium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Selenium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Silica	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D
Silicon	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D

Parameter/Analyte	**Non-Potable (Water)**	**Solid Hazardous Waste (Water)**	**Solid Hazardous Waste (Solid)**
Silver	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Sodium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Strontium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Sulfur	EPA 6010B/6010C/6010D EPA 200.7	EPA 6010B/6010C/6010D EPA 200.7	EPA 6010B/6010C/6010D
Thallium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Tin	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Titanium	EPA 6010B/6010C/6010D EPA 200.7	EPA 6010B/6010C/6010D EPA 200.7	EPA 6010B/6010C/6010D
Uranium	EPA 200.8 EPA 6020/6020A/6020B	EPA 6020/6020A/6020B EPA 200.8	EPA 6020/6020A/6020B
Vanadium	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Zinc	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B EPA 200.7, EPA 200.8	EPA 6010B/6010C/6010D EPA 6020/6020A/6020B
Zirconium	EPA 6010B/6010C/6010D EPA 200.7	EPA 6010B/6010C/6010D EPA 200.7	----------
Nutrients			
Nitrate (as N)	EPA 300.0 EPA 9056/9056A By Calculation/Nitrate by Calc	EPA 300.0 EPA 9056/9056A By Calculation/Nitrate by Calc	EPA 9056/9056A By Calculation/Nitrate by Calc
Nitrate-Nitrite (as N)	EPA 300.0 EPA 353.2 EPA 9056/9056A	EPA 300.0 EPA 353.2 EPA 9056/9056A	EPA 9056/9056A
Nitrite (as N)	EPA 300.0 EPA 353.2 EPA 9056/9056A SM 4500-NO_2 B	EPA 300.0 EPA 353.2 EPA 9056/9056A SM 4500-NO_2 B	EPA 353.2 EPA 9056/9056A
Orthophosphate (as P)	EPA 300.0 EPA 365.1 EPA 9056/9056A	EPA 300.0 EPA 365.1 EPA 9056/9056A	EPA 9056/9056A
Total Phosphorus	EPA 365.1, 6010B/6010C/6010D	EPA 365.1 6010B/6010C/6010D	EPA 6010B/6010C/6010D
Demands			
Total Organic Carbon	EPA 9060/9060A	EPA 9060/9060A	EPA 9060/9060A
Total Organic Halides	EPA 9020B	EPA 9020B	----------

Parameter/Analyte	**Non-Potable (Water)**	**Solid Hazardous Waste (Water)**	**Solid Hazardous Waste (Solid)**
Wet Chemistry			
Alkalinity (Total Bicarbonate, Carbonate, and Hydroxide Alkalinity)	SM 2320B	SM 2320B	SM 2320B
Ammonia	EPA 350.1	EPA 350.1	----------
Biological Oxygen Demand	SM 5210B	SM 5210B	----------
Bromide	EPA 300.0 EPA 9056/9056A	EPA 300.0 EPA 9056/9056A	EPA 9056/9056A
Chloride	EPA 300.0 SM 4500-CL E EPA 9056/9056A	EPA 300.0 EPA 9056/9056A SM 4500-CL E	EPA 9056/9056A
Chemical Oxygen Demand	EPA 410.4	EPA 410.4	----------
Conductivity	EPA 9050/9050A	EPA 9050/9050A	EPA 9050/9050A
Cyanide	EPA 9012A/9012B	EPA 9012A/9012B	EPA 9012A/9012B
Ferrous Iron	SM 3500Fe B, D	SM 3500Fe B, D	----------
Fluoride	EPA 300.0 EPA 9056/9056A	EPA 300.0 EPA 9056/9056A	EPA 9056/9056A
Flashpoint	EPA 1010A	EPA 1010A	----------
Hexavalent Chromium	EPA 7196A	EPA 7196A	----------
Hardness, Total	SM 2340C, SM2340B	SM 2340C, SM2340B	----------
pH	SM 4500 H+B EPA 9040B/9040C	EPA 9040B/9040C SM 4500 H+B	EPA 9045C/9045D
Oil and Grease (HEM and SGT-HEM)	EPA 1664A/1664B	EPA 1664A/1664B	----------
Percent Moisture	----------	----------	ASTM D2216
Perchlorate	EPA 6850	EPA 6850	EPA 6850
Phenols	EPA 9066 EPA 420.4	EPA 9066 420.4	----------
Solids, Total	----------	----------	SM 2540B
Solids, Total Suspended	SM 2540D	SM 2540D	SM 2540D
Solids, Total Dissolved	SM 2540C	SM 2540C	SM 2540C
Sulfate	EPA 300.0 EPA 9056/9056A SM 4500-SO4 E	EPA 300.0 EPA 9056/9056A SM 4500-SO4 E	EPA 9056/9056A
Sulfide, Total	EPA 9034/9030, SM 4500S2 D	EPA 9034/9030, SM 4500S2 D	EPA 9034/9030B
Sulfide	EPA 9034/9030D, SM 4500S2 D	EPA 9034/9030D, SM 4500S2 D	EPA 9034/9030D
Sulfite	SM 4500-SO3 B	SM 4500-SO3 B	----------
Total Kjeldahl Nitrogen	EPA 351.2	EPA 351.2	EPA 351.2
Purgeable Organics (Volatiles)			
1,1,1,2-Tetrachloroethane	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,1,1-Trichloroethane	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,1,2,2-Tetrachloroethane	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,1,2-Trichloro-1,2,2-trifluoroethane	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,1,2-Trichloroethane	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,1-Dichloroethane	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D

Parameter/Analyte	Non-Potable (Water)	Solid Hazardous Waste (Water)	Solid Hazardous Waste (Solid)
1,1-Dichloroethene	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,1-Dichloropropene	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,2 Dibromoethane (EDB)	EPA 624/624.1	EPA 8260B/8260C/8260D EPA 8011	EPA 8260B/8260C/8260D EPA 8011
1,2,3-Trichlorobenzene	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,2,3-Trichloropropane	EPA 624/624.1	EPA 8260B/8260C/8260D EPA 8011	EPA 8260B/8260C/8260D EPA 8011
1,2,3-Trimethylbenzene	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,2,4-Trichlorobenzene	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,2,4-Trimethylbenzene	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,2-Dibromo-3-chloropropane (DBCP)	EPA 624/624.1	EPA 8260B/8260C/8260D EPA 8011	EPA 8260B/8260C/8260D EPA 8011
1,2-Dichlorobenzene	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,2-Dichloroethane	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,2-Dichloroethene	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,2-Dichloropropane	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,2-Xylene (o-Xylene)	EPA 624/624.1	EPA 8260B/8260C/8260D AK101	EPA 8260B/8260C/8260D AK101
1,3,5-Trichlorobenzene	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,3,5-Trimethylbenzene	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,3-Dichlorobenzene	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,3-Dichloropropane	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,3-Dichloropropene	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,4-Dichlorobenzene	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,4-Dioxane	EPA 624/624.1	EPA 8260B/8260C/8260D EPA 8260B/8260C/8260D SIM	EPA 8260B/8260C/8260D EPA 8260B/8260C/8260D SIM
1-Chlorohexane	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
2,2-Dichloropropane	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
2-Butanone [Methyl Ethyl Ketone (MEK)]	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
2-Chloro-1,3-butadiene (Chloroprene)	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
2-Chloroethyl Vinyl Ether	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
2-Chlorotoluene	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
2-Hexanone	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
2-Nitropropane	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
2-Pentanone	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
4-Chlorotoluene	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
4-Isopropyltoluene (p-Cymene)	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
4-Methyl-2-pentanone (MIBK)	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Acetone	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Acetonitrile	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Acetylene	----------	RSK-175	----------
Acrolein	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Acrylonitrile	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Allyl Chloride (3-Chloro-1-propene)	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Benzene	EPA 624/624.1	EPA 8260B/8260C/8260D AK101	EPA 8260B/8260C/8260D AK101

Parameter/Analyte	Non-Potable (Water)	Solid Hazardous Waste (Water)	Solid Hazardous Waste (Solid)
Bromobenzene	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Bromochloromethane	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Bromodichloromethane	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Bromoform	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Bromomethane	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Butadiene	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Carbon Disulfide	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Carbon Tetrachloride	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Chlorobenzene	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Chloroethane	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Chloroform	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Chloromethane	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
cis-1,2-Dichloroethene	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
cis-1,3-Dichloropropene	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
cis-1,4-Dichloro-2-butene	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Cyclohexane	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Cyclohexanone	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Dibromochloromethane	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Dibromomethane	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Dichlorodifluoromethane	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Dichlorofluoromethane	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Diethyl Ether (Ethyl Ether)	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Di-isopropylether (Isopropyl ether)	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Ethane	----------	RSK-175	----------
Ethanol	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Ethyl Acetate	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Ethyl Benzene	EPA 624/624.1	EPA 8260B/8260C/8260D AK101	EPA 8260B/8260C/8260D AK101
Ethyl Methacrylate	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Ethyl Tert-Butyl Ether	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Ethylene (Ethene)	----------	RSK-175	----------
Gas Range Organics (GRO)	----------	EPA 8015B/8015C/8015D AK101	EPA 8015B/8015C/8015D AK101
Hexachlorobutadiene	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Hexane	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Iodomethane	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Isobutyl alcohol (2-Methyl-1-propanol)	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Isopropyl Alcohol	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Isopropylbenzene	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
m+p-Xylene	EPA 624/624.1	EPA 8260B/8260C/8260D AK101	EPA 8260B/8260C/8260D AK101
Methacrylonitrile	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Methane	----------	RSK-175	----------
Methyl Acetate	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Methyl Cyclohexane	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Methyl Methacrylate	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Methyl Tert-Butyl Ether (MtBE)	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D

Parameter/Analyte	**Non-Potable (Water)**	**Solid Hazardous Waste (Water)**	**Solid Hazardous Waste (Solid)**
Methylene Chloride	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Naphthalene	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
n-Butyl Alcohol (n-Butanol)	----------	EPA 8260B/8260C/8260D EPA 8015B/8015C	EPA 8260B/8260C/8260D EPA 8015B/8015C
n-Butylbenzene	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
n-Propylbenzene	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Propionitrile	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
sec-Butylbenzene	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Styrene	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
tert-Amyl Methyl Ether	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
tert-Butyl Alcohol (2-Methyl-2-propanol)	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
tert-Butylbenzene	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Tetrachloroethene	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Tetrahydrofuran	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Toluene	EPA 624/624.1	EPA 8260B/8260C/8260D AK101	EPA 8260B/8260C/8260D AK101
Total Petroleum Hydrocarbons (TPH)	EPA 1664A/1664B	EPA 1664A/1664B	----------
trans-1,2-Dichloroethene	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
trans-1,3-Dichloropropene	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
trans-1,4-Dichloro-2-butene	----------	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Trichloroethene	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Trichlorofluoromethane	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Vinyl Acetate	EPA 624/624.1	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Vinyl Chloride	EPA 624/624.1	EPA 8260B/8260C/8260D EPA 8260B/8260C/8260D SIM	EPA 8260B/8260C/8260D EPA 8260B/8260C/8260D SIM
Xylenes, Total	EPA 624/624.1	EPA 8260B/8260C/8260D AK101	EPA 8260B/8260C/8260D AK101
Extractable Organics (Semivolatiles)			
1,1-Biphenyl	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
1,2,4,5-Tetrachlorobenzene	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
1,2,4-Trichlorobenzene	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
1,2-Dichlorobenzene	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
1,2-Diphenylhydrazine (Azobenzene)	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
1,3,5-Trinitrobenzene	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
1,3-Dichlorobenzene	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
1,3-Dinitrobenzene	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
1,4-Dichlorobenzene	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
1,4-Dinitrobenzene	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
1,4-Dioxane	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
1,4-Naphthoquinone	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
1-Chloronaphthalene	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
1-Methylnaphthalene	----------	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM
1-Naphthylamine	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E

Parameter/Analyte	Non-Potable (Water)	Solid Hazardous Waste (Water)	Solid Hazardous Waste (Solid)
2,2-oxybis(1-chloropropane) [bis (2-Chloroisopropyl) Ether]	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
2,3,4,6-Tetrachlorophenol	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
2,4,5-Trichlorophenol	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
2,4,6-Tribromophenol	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
2,4,6-Trichlorophenol	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
2,4-Dichlorophenol	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
2,4-Dimethylphenol	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
2,4-Dinitrophenol	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
2,4-Dinitrotoluene	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
2,6-Dichlorophenol	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
2,6-Dinitrotoluene	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
2-Acetylaminofluorene	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
2-Chloronaphthalene	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
2-Chlorophenol	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
2-methyl-4,6-Dinitrophenol (Dinoseb)	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
2-Methylnaphthalene	----------	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM
2-Methylphenol	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
2-Naphthylamine	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
2-Nitroaniline	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
2-Nitrophenol	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
2-Picoline	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
2-sec-butyl-4,6-Dinitrophenol	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
3,3'-Dichlorobenzidine	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
3,3-Dimethylbenzidine	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
3+4-Methylphenol	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
3-Methylcholanthrene	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
3-Nitroaniline	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
4,6-Dinitro-2-methylphenol	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
4-Aminobiphenyl	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
4-Bromophenyl phenyl ether	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
4-chloro-3-Methylphenol	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
4-Chloroanilene	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
4-Chlorophenyl phenyl ether	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
4-Nitroaniline	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
4-Nitrophenol	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
5-nitro-o-Toluidine	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
7,12-Dimethylbenz(a)anthracene	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Acenaphthene	EPA 625/625.1	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM
Acenaphthylene	EPA 625/625.1	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM
Acetophenone	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Alachlor	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
alpha-, alpha-Dimethylphenethylamine	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Aniline	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E

Parameter/Analyte	Non-Potable (Water)	Solid Hazardous Waste (Water)	Solid Hazardous Waste (Solid)
Anthracene	EPA 625/625.1	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM
Aramite	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Atrazine	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Azobenzene	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Benzaldehyde	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Benzidine	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Benzo(a)anthracene	EPA 625/625.1	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM
Benzo(a)pyrene	EPA 625/625.1	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM
Benzo(b)fluoranthene	EPA 625/625.1	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM
Benzo(ghi)perylene	EPA 625/625.1	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM
Benzo(k)fluoranthene	EPA 625/625.1	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM
Benzoic Acid	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Benzyl Alcohol	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
bis (2-Chloroethoxy) Methane	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
bis (2-Chloroethyl) Ether	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
bis (2-Ethylhexyl) Phthalate	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
butyl Benzyl Phthalate	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Caprolactam	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Carbazole	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Chlorobenzilate	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Chrysene	EPA 625/625.1	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM
Cresols	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Diallate	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Dibenzo (a,h) anthracene	EPA 625/625.1	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM
Dibenzofuran	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Diesel Range Organics (DRO)	----------	EPA 8015B/8015C/8015D AK102/8015D	EPA 8015B/8015C/8015D AK102/8015D
Diethyl Phthalate	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Dimethoate	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Dimethyl Phthalate	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
di-n-butyl Phthalate	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
di-n-octyl Phthalate	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Diphenylamine	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Disulfoton	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Ethyl Methanesulfonate	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Famphur	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Fluorene	EPA 625/625.1	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM
Fluoroanthene	EPA 625/625.1	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM
Hexachlorobenzene	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E

Parameter/Analyte	Non-Potable (Water)	Solid Hazardous Waste (Water)	Solid Hazardous Waste (Solid)
Hexachlorobutadiene	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Hexachlorocyclopentadiene	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Hexachloroethane	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Hexachlorophene	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Hexachloropropene	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Indeno (1,2,3-cd) pyrene	EPA 625/625.1	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM
Isodrin	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Isophorone	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Isosafrole	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Methapyrilene	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Methyl Methane Sulfonate	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Motor Oil (Residual Range Organics)	----------	EPA 8015B/8015C/8015D AK103	EPA 8015B/ 8015C/8015D AK103
Naphthalene	EPA 625/625.1	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM
Nitrobenzene	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Nitroquinoline-1-oxide (4-Nitroquinoline-1-oxide)	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
N-Nitrosodiethylamine	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
N-Nitrosodimethylamine	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
N-Nitrosodi-n-butylamine	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
N-Nitrosodi-n-propylamine	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
N-Nitrosodiphenylamine	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
N-Nitrosomethylethylamine	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
N-Nitrosomorpholine	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
N-Nitrosopiperidine	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
N-Nitrosopyrrolidine	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
o,o,o-triethyl Phosphorothioate	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
o-Toluidine	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Parathion, ethyl	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Parathion, methyl	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
p-Dimethylaminoazobenzene	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Pentachlorobenzene	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Pentachloroethane	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Pentachloronitobenzene	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Pentachlorophenol	EPA 625/625.1	EPA 8270C/8270D/8270E EPA 8321A/8321B	EPA 8270C/8270D/8270E EPA 8321A/8321B
Phenacetin	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Phenanthrene	EPA 625/625.1	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM
Phenol	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Phorate	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
p-Phenylene Diamine	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Pronamide	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Pyrene	EPA 625/625.1	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM	EPA 8270C/8270D/8270E EPA 8270C/8270D/8270E SIM
Pyridine	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Safrole	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E

Parameter/Analyte	**Non-Potable (Water)**	**Solid Hazardous Waste (Water)**	**Solid Hazardous Waste (Solid)**
Sulfotepp	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Thionazin	----------	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Tributyl phosphate	EPA 625/625.1	EPA 8270C/8270D/8270E	EPA 8270C/8270D/8270E
Pesticides/Herbicides/PCBs			
2,4,5-T	----------	EPA 8321A/8321B	EPA 8321A/8321B
2,4,5-TP	----------	EPA 8321A/8321B	EPA 8321A/8321B
2,4-D	----------	EPA 8321A/8321B	EPA 8321A/8321B
2,4-DB	----------	EPA 8321A/8321B	EPA 8321A/8321B
4,4'-DDD	EPA 608/608.3	EPA 8081A/8081B	EPA 8081A/8081B
4,4'-DDE	EPA 608/608.3	EPA 8081A/8081B	EPA 8081A/8081B
4,4'-DDT	EPA 608/608.3	EPA 8081A/8081B	EPA 8081A/8081B
Aldrin	EPA 608/608.3	EPA 8081A/8081B	EPA 8081A/8081B
alpha-BHC	EPA 608/608.3	EPA 8081A/8081B	EPA 8081A/8081B
alpha-Chlordane (cis-Chlordane)	EPA 608/608.3	EPA 8081A/8081B	EPA 8081A/8081B
Atrazine	----------	EPA 8141A/8141B	EPA 8141A/8141B
Azinophos ethyl	----------	EPA 8141A/8141B	EPA 8141A/8141B
Azinophos methyl	----------	EPA 8141A/8141B	EPA 8141A/8141B
beta-BHC	EPA 608/608.3	EPA 8081A/8081B	EPA 8081A/8081B
Bolstar	----------	EPA 8141A/8141B	EPA 8141A/8141B
Chlordane (technical)	EPA 608/608.3	EPA 8081A/8081B	EPA 8081A/8081B
Chloropyrifos	----------	EPA 8141A/8141B	EPA 8141A/8141B
Coumaphos	----------	EPA 8141A/8141B	EPA 8141A/8141B
Dalapon	----------	EPA 8321A/8321B	EPA 8321A/8321B
delta-BHC	EPA 608/608.3	EPA 8081A/8081B	EPA 8081A/8081B
Demeton, total	----------	EPA 8141A/8141B	EPA 8141A/8141B
Demeton-O	----------	EPA 8141A/8141B	EPA 8141A/8141B
Demeton-S	----------	EPA 8141A/8141B	EPA 8141A/8141B
Diazinon	----------	EPA 8141A/8141B	EPA 8141A/8141B
Dicamba	----------	EPA 8321A/8321B	EPA 8321A/8321B
Dichloroprop	----------	EPA 8321A/8321B	EPA 8321A/8321B
Dichlorovos	----------	EPA 8141A/8141B	EPA 8141A/8141B
Dieldrin	EPA 608/608.3	EPA 8081A/8081B	EPA 8081A/8081B
Dimethoate	----------	EPA 8141A/8141B	EPA 8141A/8141B
Dinoseb (2-methyl-4,6-Dinitrophenol)	----------	EPA 8321A/8321B	EPA 8321A/8321B
Disulfoton	----------	EPA 8141A/8141B	EPA 8141A/8141B
Endonsulfan sulfate	EPA 608/608.3	EPA 8081A/8081B	EPA 8081A/8081B
Endosulfan I	EPA 608/608.3	EPA 8081A/8081B	EPA 8081A/8081B
Endosulfan II	EPA 608/608.3	EPA 8081A /8081B	EPA 8081A/8081B
Endrin	EPA 608/608.3	EPA 8081A/8081B	EPA 8081A/8081B
Endrin aldehyde	EPA 608/608.3	EPA 8081A/8081B	EPA 8081A/8081B
Endrin ketone	EPA 608/608.3	EPA 8081A/8081B	EPA 8081A/8081B
EPN	----------	EPA 8141A/8141B	EPA 8141A/8141B
Ethoprop	----------	EPA 8141A/8141B	EPA 8141A/8141B
Ethyl Parathion	----------	EPA 8141A/8141B	EPA 8141A/8141B
Famphur	----------	EPA 8141A/8141B	EPA 8141A/8141B
Fensulfothion	----------	EPA 8141A/8141B	EPA 8141A/8141B
Fenthion	----------	EPA 8141A/8141B	EPA 8141A/8141B

Parameter/Analyte	**Non-Potable (Water)**	**Solid Hazardous Waste (Water)**	**Solid Hazardous Waste (Solid)**
gamma-BHC	EPA 608/608.3	EPA 8081A/8081B	EPA 8081A/8081B
gamma-Chlordane (trans-Chlordane)	EPA 608/608.3	EPA 8081A/8081B	EPA 8081A/8081B
Heptachlor	EPA 608/608.3	EPA 8081A/8081B	EPA 8081A/8081B
Heptachlor epoxide	EPA 608/608.3	EPA 8081A/8081B	EPA 8081A/8081B
Hexachlorobenzene	----------	EPA 8081A/8081B	EPA 8081A/8081B
Malathion	----------	EPA 8141A/8141B	EPA 8141A/8141B
MCPA	----------	EPA 8321A/8321B	EPA 8321A/8321B
MCPP	----------	EPA 8321A/8321B	EPA 8321A/8321B
Merphos	----------	EPA 8141A/8141B	EPA 8141A/8141B
Methoxychlor	EPA 608/608.3	EPA 8081A/8081B	EPA 8081A/8081B
Methyl parathion	----------	EPA 8141A/8141B	EPA 8141A/8141B
Mevinphos	----------	EPA 8141A/8141B	EPA 8141A/8141B
Naled	----------	EPA 8141A/8141B	EPA 8141A/8141B
o,o,o-Triethylphos Phorothioate	----------	EPA 8141A/8141B	EPA 8141A/8141B
PCB-1016 (Arochlor)	EPA 608/608.3	EPA 8082/8082A	EPA 8082/8082A
PCB-1221	EPA 608/608.3	EPA 8082/8082A	EPA 8082/8082A
PCB-1232	EPA 608/608.3	EPA 8082/8082A	EPA 8082/8082A
PCB-1242	EPA 608/608.3	EPA 8082/8082A	EPA 8082/8082A
PCB-1248	EPA 608/608.3	EPA 8082/8082A	EPA 8082/8082A
PCB-1254	EPA 608/608.3	EPA 8082/8082A	EPA 8082/8082A
PCB-1260	EPA 608/608.3	EPA 8082/8082A	EPA 8082/8082A
PCB-1262	EPA 608/608.3	EPA 8082/8082A	EPA 8082/8082A
PCB-1268	EPA 608/608.3	EPA 8082/8082A	EPA 8082/8082A
Phorate	----------	EPA 8141A/8141B	EPA 8141A/8141B
Phosmet	----------	EPA 8141A/8141B	EPA 8141A/8141B
Propazine	----------	EPA 8141A/8141B	EPA 8141A/8141B
Ronnel	----------	EPA 8141A/8141B	EPA 8141A/8141B
Simazine	----------	EPA 8141A/8141B	EPA 8141A/8141B
Stirophos	----------	EPA 8141A/8141B	EPA 8141A/8141B
Sulfotepp	----------	EPA 8141A/8141B	EPA 8141A/8141B
Thionazin	----------	EPA 8141A/8141B	EPA 8141A/8141B
Tokuthion	----------	EPA 8141A/8141B	EPA 8141A/8141B
Total PCBs	EPA 608/608.3	EPA 8082/8082A	EPA 8082/8082A
Toxaphene	EPA 608/608.3	EPA 8081A/8081B	EPA 8081A/8081B
Trichloronate	----------	EPA 8141A/8141B	EPA 8141A/8141B
Explosives			
1,3,5-Trinitrobenzene	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B
1,3-Dinitrobenzene	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B
2,4,6-Trinitrotoluene	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B
3,5-Dinitroaniline	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B
2,4-Dinitrotoluene	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B
2,4-Diamino-6-nitrotoluene	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B

Parameter/Analyte	**Non-Potable (Water)**	**Solid Hazardous Waste (Water)**	**Solid Hazardous Waste (Solid)**
2,6-Dinitroltoluene	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B
2,6-Diamino-4-nitrotoluene	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B
2-amino-4,6-Dinitrotoluene	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B
2-Nitrotoluene	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B
3-Nitrotoluene	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B
4-amino-2,6-Dinitrotoluene	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B
4-Nitrotoluene	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B
Nitrobenzene	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B
Nitroglycerin	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B
Nitroguanidine	EPA 8321A/8321B	EPA 8321A/8321B	EPA 8321A/8321B
HMX (octahydro-1,3,5,7-tetrabitro-1,3,5,7-Tetrazocine)	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B
Pentaerythritoltetranitrate (PETN)	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B
Picric acid	EPA 8330A/8330B	EPA 8330A/8330B	EPA 8330A/8330B
RDX (hexahydro-1,3,5-trinitro-1,3,5-Triazine)	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B
Tetryl (methyl 2,4,6-Trinitrophenylnitramine	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B
DNX (Hexahydro-1,3-dinitroso-5-nitro-1,3,5-triazine)	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B
MNX (Hexahydro-1-nitroso-3,5-dinitro-1,3,5-triazine)	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B
TNX (hexahydro-1,3,5-trinitroso-1,3,5-triazine)	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B
Triaminotrinitrobenzene (TATB)	EPA8330A/ 8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B	EPA 8330A/8330B EPA 8321A/8321B
Explosives LC/MS/MS			
Tris(o-cresyl)phosphate	EPA 8321A/8321B	EPA 8321A/8321B	EPA 8321A/8321B
Ethylene thiourea	EPA 8321A/8321B	EPA 8321A/8321B	EPA 8321A/8321B
Per- and Polyfluoroalkyl Substances (PFAS)			
Perfluorobutanoic acid (PFBA)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Perfluoropentanoic acid (PFPeA)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Perfluorohexanoic acid (PFHxA)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Perfluoroheptanoic acid (PFHpA)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3

Parameter/Analyte	**Non-Potable (Water)**	**Solid Hazardous Waste (Water)**	**Solid Hazardous Waste (Solid)**
Perfluorooctanoic acid (PFOA)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Perfluorononanoic acid (PFNA)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Perfluorodecanoic acid (PFDA)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Perfluoroundecanoic acid (PFUnA)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Perfluorododecanoic acid (PFDoA)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Perfluorotridecanoic acid (PFTrDA)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Perfluorotetradecanoic acid (PFTeDA)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Perfluorobutanesulfonic acid (PFBS)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Perfluoropentanesulfonic acid (PFPeS)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Perfluorohexanesulfonic acid (PFHxS)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Perfluoroheptanesulfonic acid (PFHpS)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Perfluorooctanesulfonic acid (PFOS)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Perfluorononanesulfonic acid (PFNS)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Perfluorodecanesulfonic acid (PFDS)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Perfluorododecansulfonic acid (PFDoS)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Perfluorooctanesulfonamide (PFOSA,FOSA)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
N-ethylperfluorooctane-sulfonamide (NEtFOSA, Et-FOSA)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
N-methylperfluorooctane-sulfonamide (NMeFOSA, Me-FOSA)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
2-(N-ethylperfluorooctane-sulfonamido) ethanol (NEtFOSE, Et-FOSE)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
2-(N-methylperfluorooctane-sulfonamido) ethanol (NMeFOSE, Me-FOSE)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
N-ethylperfluorooctane-sulfonamidoacetic acid (NEtFOSAA, EtFOSAA)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
N-methylperfluorooctane-sulfonamidoacetic acid (NMeFOSAA, MeFOSAA)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3

Parameter/Analyte	**Non-Potable (Water)**	**Solid Hazardous Waste (Water)**	**Solid Hazardous Waste (Solid)**
1H,1H,2H,2H-perfluorohexane sulfonic acid (*4:2*) (4:2 FTS)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
1H,1H,2H,2H-perfluorooctane sulfonic acid (*6:2*) (6:2 FTS)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
1H,1H,2H,2H-perfluorodecane sulfonic acid (*8:2*) (8:2 FTS)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
3-Perfluoropropylpropanoic acid (3:3 FTCA)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
3-Perfluoroheptyl propanoic acid (7:3 FTCA)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Perfluoro(2-propoxypropanoic) acid or Hexafluoropropylene oxide dimer acid (HFPO-DA, GenX)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
4,8-dioxa-3H-perfluorononanoic acid (DONA, ADONA)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Perfluoro-3-methoxypropanoic acid (PFMPA, PFECA F)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Perfluoro-4-methoxybutanoic acid (PFMBA, PFECA A)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Nonafluoro-3,6-dioxaheptanoic acid (NFHDA, PFECA B)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA, PESS)	Draft EPA method 1633 R3	Draft EPA method 1633 R3	Draft EPA method 1633 R3
Hazardous Waste Characteristics			
Conductivity	SM 2510B	EPA 9050A	EPA 9050A
Corrosivity	SM 4500 H+B	EPA 9040B/9040C	EPA 9045C/9045D
Paint filter liquids test	EPA 9095A	EPA 9095A	EPA 9095A
Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312	EPA 1312	EPA 1312
Toxicity Characteristic Leaching Procedure	EPA 1311	EPA 1311	EPA 1311
California Waste Extraction Test	CA WET	CA WET	CA WET
Turbidity	EPA 180.1	----------	----------
Organic Prep Methods			
Microwave extraction	----------	----------	EPA 3546
Separatory funnel liquid-liquid extraction	EPA 3510C	EPA 3510C	----------
Solid phase extraction	EPA 3535/3535A	EPA 3535/3535A	----------
Ultrasonic extraction	----------	----------	EPA 3550B/3550C
Volatiles purge and trap	EPA 5030B	EPA 5030B	EPA 5030A EPA 5035/5035A

Parameter/Analyte	**Non-Potable (Water)**	**Solid Hazardous Waste (Water)**	**Solid Hazardous Waste (Solid)**
Waste dilution	EPA 3580A	EPA 3580A	EPA 3580A
Organic Cleanup Procedures			
Florisil Cleanup	EPA 3620B/C	EPA 3620B/C	EPA 3620B/C
Silica Gel Cleanup	EPA 3630C	EPA 3630C	EPA 3630C
Sulfur Cleanup	EPA 3660A/EPA 3660B	EPA 3660A/EPA 3660B	EPA 3660A/EPA 3660B
Sulfuric Acid/Permanganate Cleanup	EPA 3665A	EPA 3665A	EPA 3665A
Metals Digestion			
Acid Digestion for Total Metals	EPA 3010A	EPA 3010A	----------
Acid Digestion for Total Metals	EPA 3020A	EPA 3020A	----------
Acid Digestion of Sediments, Sludges and Soils	----------	----------	EPA 3050B
Acid Digestion Total Recoverable or Dissolved Metals	EPA 3005A	EPA 3005A	----------
Incremental Sampling Methodology			
ISM Prep, with or without Grinding	----------	----------	EPA 8330B Appendix A /QSM

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with ISO IEC 17025:2005, and for the test methods applicable to the Wyoming Storage Tank Remediation Laboratory Accreditation Program), accreditation is granted to this laboratory to perform recognized EPA methods using the following testing technologies and in the analyte categories identified below:

WYOMING STORAGE TANK PROGRAM

Parameter/Analyte	**Solid Hazardous Waste (Water)**	**Solid Hazardous Waste (Solid)**
Metals		
Cadmium	EPA 6010C/6010D	EPA 6010C/6010D
Chromium	EPA 6010C/6010D	EPA 6010C/6010D
Lead	EPA 6010C/6010D	EPA 6010C/6010D
Wet Chemistry		
Hexavalent chromium	EPA 7196A	----------
Pureable Organics (Volatiles)		
tert-Amyl Methyl Ether	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Benzene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,2-Dichloroethane	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Di-isopropylether	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Ethyl benzene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Ethyl tert-butyl ether	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Gas Range Organics (GRO)	EPA 8015B/8015C/8015D	EPA 8015B/8015C/8015D
Methyl tert-butyl ether (MTBE)	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Naphthalene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Toluene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D

Parameter/Analyte	**Solid Hazardous Waste (Water)**	**Solid Hazardous Waste (Solid)**
Xylenes, total	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
1,2-Xylene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
m+p-Xylene	EPA 8260B/8260C/8260D	EPA 8260B/8260C/8260D
Extractable Organics (Semivolatiles)		
Diesel Range Organics (DRO)	EPA 8015B/8015C/8015D (WY: C10-C32)	EPA 8015B/8015C/8015D (WY: C10-C32)
Organic Prep Methods		
Volatiles Purge and Trap	EPA 5030B (water) /5030A (solids)	EPA 5030B (water) /5030A (solids)

CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Eurofins Sacramento
880 Riverside Parkway
West Sacramento, CA 95605

Fulfills the requirements of

ISO/IEC 17025:2017

and

U.S. Department of Defense (DoD) Quality Systems Manual for Environmental Laboratories (DoD QSM V5.4)

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

Jason Stine, Vice President

Expiry Date: 20 January 2027
Certificate Number: L2468

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

and

U.S. Department of Defense (DoD) Quality Systems Manual for Environmental Laboratories (DoD QSM V5.4)

Eurofins Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Robert Hrabak
916-374-4433

TESTING

Valid to: **January 20, 2027** Certificate Number: **L2468**

Environmental

Non-Potable Water		
Technology	**Method**	**Analyte**
Gravimetric	SM 2540B	Solids, Total (Residue, Total)
Gravimetric	SM 2540C	Solids, Total Dissolved (Residue, Filterable (TDS))
Gravimetric	SM 2540D	Solids, Total Suspended (Residue, Non-Filterable (TSS))
LC/MS/MS	EPA 6850	Perchlorate
GC/HRMS	EPA 8290/8290A/1613B	2,3,7,8-TeCDD
GC/HRMS	EPA 8290/8290A/1613B	1,2,3,7,8-PeCDD
GC/HRMS	EPA 8290/8290A/1613B	1,2,3,4,7,8-HxCDD
GC/HRMS	EPA 8290/8290A/1613B	1,2,3,6,7,8-HxCDD
GC/HRMS	EPA 8290/8290A/1613B	1,2,3,7,8,9-HxCDD
GC/HRMS	EPA 8290/8290A/1613B	1,2,3,4,6,7,8-HpCDD
GC/HRMS	EPA 8290/8290A/1613B	OCDD
GC/HRMS	EPA 8290/8290A/1613B	2,3,7,8-TeCDF
GC/HRMS	EPA 8290/8290A/1613B	1,2,3,7,8-PeCDF
GC/HRMS	EPA 8290/8290A/1613B	2,3,4,7,8-PeCDF
GC/HRMS	EPA 8290/8290A/1613B	1,2,3,4,7,8-HxCDF

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 8290/8290A/1613B	1,2,3,6,7,8-HxCDF
GC/HRMS	EPA 8290/8290A/1613B	1,2,3,7,8,9-HxCDF
GC/HRMS	EPA 8290/8290A/1613B	2,3,4,6,7,8-HxCDF
GC/HRMS	EPA 8290/8290A/1613B	1,2,3,4,6,7,8-HpCDF
GC/HRMS	EPA 8290/8290A/1613B	1,2,3,4,7,8,9-HpCDF
GC/HRMS	EPA 8290/8290A/1613B	OCDF
GC/HRMS	EPA 8290/8290A/1613B	Total TCDD
GC/HRMS	EPA 8290/8290A/1613B	Total PeCDD
GC/HRMS	EPA 8290/8290A/1613B	Total HxCDD
GC/HRMS	EPA 8290/8290A/1613B	Total HpCDD
GC/HRMS	EPA 8290/8290A/1613B	Total TCDF
GC/HRMS	EPA 8290/8290A/1613B	Total PeCDF
GC/HRMS	EPA 8290/8290A/1613B	Total HxCDF
GC/HRMS	EPA 8290/8290A/1613B	Total HpCDF
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	6:2 Fluorotelomer sulfonic acid (1H,1H,2H,2H-perfluorooctane sulfonic acid) (6:2 FTS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	8:2 Fluorotelomer sulfonic acid (1H,1H,2H,2H-perfluorodecane sulfonic acid) (8:2 FTS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	N-Ethyl perfluorooctanesulfon amidoacetic acid (NEtFOSAA, EtFOSAA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	N-Methyl perfluorooctanesulfon amidoacetic acid (NMeFOSAA, MeFOSAA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorooctanoic acid (PFOA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorooctanesulfonic acid (PFOS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorobutanoic acid (PFBA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoropentanoic acid (PFPA)

Non-Potable Water		
Technology	**Method**	**Analyte**
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorohexanoic acid (PFHxA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoroheptanoic acid (PFHpA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorononanoic acid (PFNA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorodecanoic acid (PFDA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoroundecanoic acid(PFUnA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorododecanoic acid (PFDoA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorotridecanoic acid(PFTrDA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorotetradecanoic acid (PFTeDA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorobutanesulfonic acid (PFBS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorohexanesulfonic acid (PFHxS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoroheptanesulfonic acid (PFHpS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorodecanesulfonic acid (PFDS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorooctanesulfonamide (PFOSA, FOSA)

Non-Potable Water		
Technology	**Method**	**Analyte**
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	4:2 Fluorotelomer sulfonic acid (1H, 1H,2H,2H-perfluorohexane sulfonic acid) (4:2 FTS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	10:2 Fluorotelomer sulfonic acid (1H, 1H,2H,2H-perfluorododecane sulfonic acid) (10:2 FTS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorohexadecanoic acid (PFHxDA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoropentanesulfonic acid (PFPeS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorononanesulfonic acid (PFNS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Hexafluoropropylene oxide dimer acid (HFPO-DA, GenX) (Perfluoro-2-propoxypropionic acid)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11C1-PF3OUdS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorododecanesulfonic acid (PFDoS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorooctadecanoic acid (PFODA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro-4-ethylcyclohexanesulfonic acid (PFecHS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro-1-propanesulfonic acid (PFPrS)

Non-Potable Water		
Technology	**Method**	**Analyte**
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	N-Ethylperfluorooctane sulfonamide (NEtFOSA, EtFOSA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	N-Methylperfluorooctane sulfonamide (NMeFOSA, MeFOSA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE, EtFOSE)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	N-Methylperfluorooctane sulfonamido ethanol (NMeFOSe, MeFOSE)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3-Perfluoropropyl propanoic acid) (3:3 FTCA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	2H,2H,3H,3H-Perfluorodecanoic acid (3-Perfluoroheptyl propanoic acid) (7:3 FTCA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	2-Perfluorohexylethanoic acid (6:2 FTCA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	2-Perfluorooctylethanoic acid (8:2 FTCA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	2-Perfluorodecylethanoic acid (10:2 FTCA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoropropionic acid (PPF Acid, PFPrA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro-3-methoxypropanoic acid (PFMPA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro-4-methoxybutanoic acid (PFMBA)

Non-Potable Water		
Technology	**Method**	**Analyte**
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Difluoro(perfluoromethoxy)acetic acid (PFMOAA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro-4-isopropoxybutanoic acid (PFECA G, PFPE-1)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro-3,5,7,9-butaoxadecanoic acid (PFO4DA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro-3,5,7-trioxaoctanoic acid (PFO3OA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro-3,5-dioxahexanoic acid (PFO2HXA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro-2-{[perfluoro-3-(perfluoroethoxy)-2-propanyl]oxy}ethanesulfonic acid (Hydro-PS Acid)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro-3,5,7,9,11-pentaoxadodecanoic acid (PFO5DoA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro-2-(perfluoromethoxy)propanoic acid (PMPA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	2,3,3,3-Tetrafluoro-2-(pentafluoroethoxy)propanoic acid (PEPA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	4-(2-carboxy-1,1,2,2-tetrafluoroethoxy)-2,2,3,3,4,5,5,5-octafluoro-pentanoic acid (R-EVE)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	1,1,2,2-Tetrafluoro-2-(1,2,2,2-tetrafluoroethoxy)ethane-1-sulfonic acid (NVHOS)

Non-Potable Water		
Technology	**Method**	**Analyte**
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	2,2,3,3-Tetrafluoro-3-{[1,1,1,2,3,3-hexafluoro-3-(1,2,2,2-tetrafluoroethoxy)propan-2-yl]oxy}propanoic acid (Hydro-EVE Acid)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	1,1,2,2-tetrafluoro-2-[1,2,2,3,3-pentafluoro-1-(trifluoromethyl)propoxy]ethanesulfonic acid (R-PSDCA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	1*H*,1*H*, 2*H*, 2*H*-Perfluorooctane sulfonic acid (6:2FTS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	1*H*,1*H*, 2*H*, 2*H*-Perfluorodecane sulfonic acid (8:2FTS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorooctanoic acid (PFOA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorooctanesulfonic acid (PFOS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorobutanoic acid (PFBA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoropentanoic acid (PFPeA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorohexanoic acid (PFHxA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoroheptanoic acid (PFHpA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorononanoic acid (PFNA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorodecanoic acid (PFDA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoroundecanoic acid (PFUnA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorododecanoic acid (PFDoA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorotridecanoic acid (PFTrDA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorotetradecanoic acid (PFTeDA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorobutanesulfonic acid (PFBS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorohexanesulfonic acid (PFHxS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoroheptanesulfonic acid (PFHpS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorodecanesulfonic acid (PFDS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorooctanesulfonamide (PFOSA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	1*H*,1*H*, 2*H*, 2*H*-Perfluorohexane sulfonic acid (4:2FTS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoropentanesulfonic acid (PFPeS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorononanesulfonic acid (PFNS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	4,8-Dioxa-3*H*-perfluorononanoic acid (ADONA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Hexafluoropropylene oxide dimer acid (HFPO-DA)

Non-Potable Water		
Technology	**Method**	**Analyte**
LC/MS/MS	Draft EPA Method 1633 Rev 4	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11C1-PF3OUdS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorododecanesulfonic acid (PFDoS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	N-ethyl perfluorooctanesulfonamide (NEtFOSA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	N-methyl perfluorooctanesulfonamide (NMeFOSA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)
LC/MS/MS	Draft EPA Method 1633 Rev 4	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)
LC/MS/MS	Draft EPA Method 1633 Rev 4	3-Perfluoropropyl propanoic acid (3:3FTCA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	2*H*,2*H*,3*H*,3*H*-Perfluorooctanoic acid (5:3FTCA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	3-Perfluoroheptyl propanoic acid (7:3FTCA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoro-3-methoxypropanoic acid (PFMPA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoro-4-methoxybutanoic acid (PFMBA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)
GC/HRMS	EPA 1668A/1668C	PCB 1
GC/HRMS	EPA 1668A/1668C	PCB 2
GC/HRMS	EPA 1668A/1668C	PCB 3
GC/HRMS	EPA 1668A/1668C	PCB 4
GC/HRMS	EPA 1668A/1668C	PCB 5
GC/HRMS	EPA 1668A/1668C	PCB 6
GC/HRMS	EPA 1668A/1668C	PCB 7
GC/HRMS	EPA 1668A/1668C	PCB 8
GC/HRMS	EPA 1668A/1668C	PCB 9
GC/HRMS	EPA 1668A/1668C	PCB 10
GC/HRMS	EPA 1668A/1668C	PCB 11
GC/HRMS	EPA 1668A/1668C	PCB 12
GC/HRMS	EPA 1668A/1668C	PCB 13
GC/HRMS	EPA 1668A/1668C	PCB 14
GC/HRMS	EPA 1668A/1668C	PCB 15
GC/HRMS	EPA 1668A/1668C	PCB 16
GC/HRMS	EPA 1668A/1668C	PCB 17

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 1668A/1668C	PCB 18
GC/HRMS	EPA 1668A/1668C	PCB 19
GC/HRMS	EPA 1668A/1668C	PCB 20
GC/HRMS	EPA 1668A/1668C	PCB 21
GC/HRMS	EPA 1668A/1668C	PCB 22
GC/HRMS	EPA 1668A/1668C	PCB 23
GC/HRMS	EPA 1668A/1668C	PCB 24
GC/HRMS	EPA 1668A/1668C	PCB 25
GC/HRMS	EPA 1668A/1668C	PCB 26
GC/HRMS	EPA 1668A/1668C	PCB 27
GC/HRMS	EPA 1668A/1668C	PCB 28
GC/HRMS	EPA 1668A/1668C	PCB 29
GC/HRMS	EPA 1668A/1668C	PCB 30
GC/HRMS	EPA 1668A/1668C	PCB 32
GC/HRMS	EPA 1668A/1668C	PCB 31
GC/HRMS	EPA 1668A/1668C	PCB 33
GC/HRMS	EPA 1668A/1668C	PCB 34
GC/HRMS	EPA 1668A/1668C	PCB 35
GC/HRMS	EPA 1668A/1668C	PCB 36
GC/HRMS	EPA 1668A/1668C	PCB 37
GC/HRMS	EPA 1668A/1668C	PCB 38
GC/HRMS	EPA 1668A/1668C	PCB 39
GC/HRMS	EPA 1668A/1668C	PCB 40
GC/HRMS	EPA 1668A/1668C	PCB 41
GC/HRMS	EPA 1668A/1668C	PCB 42
GC/HRMS	EPA 1668A/1668C	PCB 43
GC/HRMS	EPA 1668A/1668C	PCB 44
GC/HRMS	EPA 1668A/1668C	PCB 45
GC/HRMS	EPA 1668A/1668C	PCB 46
GC/HRMS	EPA 1668A/1668C	PCB 47
GC/HRMS	EPA 1668A/1668C	PCB 48
GC/HRMS	EPA 1668A/1668C	PCB 49
GC/HRMS	EPA 1668A/1668C	PCB 50
GC/HRMS	EPA 1668A/1668C	PCB 51
GC/HRMS	EPA 1668A/1668C	PCB 52

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 1668A/1668C	PCB 53
GC/HRMS	EPA 1668A/1668C	PCB 54
GC/HRMS	EPA 1668A/1668C	PCB 55
GC/HRMS	EPA 1668A/1668C	PCB 56
GC/HRMS	EPA 1668A/1668C	PCB 57
GC/HRMS	EPA 1668A/1668C	PCB 58
GC/HRMS	EPA 1668A/1668C	PCB 59
GC/HRMS	EPA 1668A/1668C	PCB 60
GC/HRMS	EPA 1668A/1668C	PCB 61
GC/HRMS	EPA 1668A/1668C	PCB 62
GC/HRMS	EPA 1668A/1668C	PCB 63
GC/HRMS	EPA 1668A/1668C	PCB 64
GC/HRMS	EPA 1668A/1668C	PCB 65
GC/HRMS	EPA 1668A/1668C	PCB 66
GC/HRMS	EPA 1668A/1668C	PCB 67
GC/HRMS	EPA 1668A/1668C	PCB 68
GC/HRMS	EPA 1668A/1668C	PCB 69
GC/HRMS	EPA 1668A/1668C	PCB 70
GC/HRMS	EPA 1668A/1668C	PCB 71
GC/HRMS	EPA 1668A/1668C	PCB 72
GC/HRMS	EPA 1668A/1668C	PCB 73
GC/HRMS	EPA 1668A/1668C	PCB 74
GC/HRMS	EPA 1668A/1668C	PCB 75
GC/HRMS	EPA 1668A/1668C	PCB 76
GC/HRMS	EPA 1668A/1668C	PCB 77
GC/HRMS	EPA 1668A/1668C	PCB 78
GC/HRMS	EPA 1668A/1668C	PCB 79
GC/HRMS	EPA 1668A/1668C	PCB 80
GC/HRMS	EPA 1668A/1668C	PCB 81
GC/HRMS	EPA 1668A/1668C	PCB 82
GC/HRMS	EPA 1668A/1668C	PCB 83
GC/HRMS	EPA 1668A/1668C	PCB 84
GC/HRMS	EPA 1668A/1668C	PCB 85
GC/HRMS	EPA 1668A/1668C	PCB 86
GC/HRMS	EPA 1668A/1668C	PCB 87

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 1668A/1668C	PCB 88
GC/HRMS	EPA 1668A/1668C	PCB 89
GC/HRMS	EPA 1668A/1668C	PCB 90
GC/HRMS	EPA 1668A/1668C	PCB 91
GC/HRMS	EPA 1668A/1668C	PCB 92
GC/HRMS	EPA 1668A/1668C	PCB 93
GC/HRMS	EPA 1668A/1668C	PCB 94
GC/HRMS	EPA 1668A/1668C	PCB 95
GC/HRMS	EPA 1668A/1668C	PCB 96
GC/HRMS	EPA 1668A/1668C	PCB 97
GC/HRMS	EPA 1668A/1668C	PCB 98
GC/HRMS	EPA 1668A/1668C	PCB 99
GC/HRMS	EPA 1668A/1668C	PCB 100
GC/HRMS	EPA 1668A/1668C	PCB 101
GC/HRMS	EPA 1668A/1668C	PCB 102
GC/HRMS	EPA 1668A/1668C	PCB 103
GC/HRMS	EPA 1668A/1668C	PCB 104
GC/HRMS	EPA 1668A/1668C	PCB 105
GC/HRMS	EPA 1668A/1668C	PCB 106
GC/HRMS	EPA 1668A/1668C	PCB 107
GC/HRMS	EPA 1668A/1668C	PCB 108
GC/HRMS	EPA 1668A/1668C	PCB 109
GC/HRMS	EPA 1668A/1668C	PCB 110
GC/HRMS	EPA 1668A/1668C	PCB 111
GC/HRMS	EPA 1668A/1668C	PCB 112
GC/HRMS	EPA 1668A/1668C	PCB 113
GC/HRMS	EPA 1668A/1668C	PCB 114
GC/HRMS	EPA 1668A/1668C	PCB 115
GC/HRMS	EPA 1668A/1668C	PCB 116
GC/HRMS	EPA 1668A/1668C	PCB 117
GC/HRMS	EPA 1668A/1668C	PCB 118
GC/HRMS	EPA 1668A/1668C	PCB 119
GC/HRMS	EPA 1668A/1668C	PCB 120
GC/HRMS	EPA 1668A/1668C	PCB 121
GC/HRMS	EPA 1668A/1668C	PCB 122

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 1668A/1668C	PCB 123
GC/HRMS	EPA 1668A/1668C	PCB 124
GC/HRMS	EPA 1668A/1668C	PCB 125
GC/HRMS	EPA 1668A/1668C	PCB 126
GC/HRMS	EPA 1668A/1668C	PCB 127
GC/HRMS	EPA 1668A/1668C	PCB 128
GC/HRMS	EPA 1668A/1668C	PCB 129
GC/HRMS	EPA 1668A/1668C	PCB 130
GC/HRMS	EPA 1668A/1668C	PCB 131
GC/HRMS	EPA 1668A/1668C	PCB 132
GC/HRMS	EPA 1668A/1668C	PCB 133
GC/HRMS	EPA 1668A/1668C	PCB 134
GC/HRMS	EPA 1668A/1668C	PCB 135
GC/HRMS	EPA 1668A/1668C	PCB 136
GC/HRMS	EPA 1668A/1668C	PCB 137
GC/HRMS	EPA 1668A/1668C	PCB 138
GC/HRMS	EPA 1668A/1668C	PCB 139
GC/HRMS	EPA 1668A/1668C	PCB 140
GC/HRMS	EPA 1668A/1668C	PCB 141
GC/HRMS	EPA 1668A/1668C	PCB 142
GC/HRMS	EPA 1668A/1668C	PCB 143
GC/HRMS	EPA 1668A/1668C	PCB 144
GC/HRMS	EPA 1668A/1668C	PCB 145
GC/HRMS	EPA 1668A/1668C	PCB 146
GC/HRMS	EPA 1668A/1668C	PCB 147
GC/HRMS	EPA 1668A/1668C	PCB 148
GC/HRMS	EPA 1668A/1668C	PCB 149
GC/HRMS	EPA 1668A/1668C	PCB 150
GC/HRMS	EPA 1668A/1668C	PCB 151
GC/HRMS	EPA 1668A/1668C	PCB 152
GC/HRMS	EPA 1668A/1668C	PCB 153
GC/HRMS	EPA 1668A/1668C	PCB 154
GC/HRMS	EPA 1668A/1668C	PCB 155
GC/HRMS	EPA 1668A/1668C	PCB 156
GC/HRMS	EPA 1668A/1668C	PCB 157

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 1668A/1668C	PCB 158
GC/HRMS	EPA 1668A/1668C	PCB 159
GC/HRMS	EPA 1668A/1668C	PCB 160
GC/HRMS	EPA 1668A/1668C	PCB 161
GC/HRMS	EPA 1668A/1668C	PCB 162
GC/HRMS	EPA 1668A/1668C	PCB 163
GC/HRMS	EPA 1668A/1668C	PCB 164
GC/HRMS	EPA 1668A/1668C	PCB 165
GC/HRMS	EPA 1668A/1668C	PCB 166
GC/HRMS	EPA 1668A/1668C	PCB 167
GC/HRMS	EPA 1668A/1668C	PCB 168
GC/HRMS	EPA 1668A/1668C	PCB 169
GC/HRMS	EPA 1668A/1668C	PCB 170
GC/HRMS	EPA 1668A/1668C	PCB 171
GC/HRMS	EPA 1668A/1668C	PCB 172
GC/HRMS	EPA 1668A/1668C	PCB 173
GC/HRMS	EPA 1668A/1668C	PCB 174
GC/HRMS	EPA 1668A/1668C	PCB 175
GC/HRMS	EPA 1668A/1668C	PCB 176
GC/HRMS	EPA 1668A/1668C	PCB 177
GC/HRMS	EPA 1668A/1668C	PCB 178
GC/HRMS	EPA 1668A/1668C	PCB 179
GC/HRMS	EPA 1668A/1668C	PCB 180
GC/HRMS	EPA 1668A/1668C	PCB 181
GC/HRMS	EPA 1668A/1668C	PCB 182
GC/HRMS	EPA 1668A/1668C	PCB 183
GC/HRMS	EPA 1668A/1668C	PCB 184
GC/HRMS	EPA 1668A/1668C	PCB 185
GC/HRMS	EPA 1668A/1668C	PCB 186
GC/HRMS	EPA 1668A/1668C	PCB 187
GC/HRMS	EPA 1668A/1668C	PCB 188
GC/HRMS	EPA 1668A/1668C	PCB 189
GC/HRMS	EPA 1668A/1668C	PCB 190
GC/HRMS	EPA 1668A/1668C	PCB 191

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 1668A/1668C	PCB 192
GC/HRMS	EPA 1668A/1668C	PCB 193
GC/HRMS	EPA 1668A/1668C	PCB 194
GC/HRMS	EPA 1668A/1668C	PCB 195
GC/HRMS	EPA 1668A/1668C	PCB 196
GC/HRMS	EPA 1668A/1668C	PCB 197
GC/HRMS	EPA 1668A/1668C	PCB 198
GC/HRMS	EPA 1668A/1668C	PCB 199
GC/HRMS	EPA 1668A/1668C	PCB 200
GC/HRMS	EPA 1668A/1668C	PCB 201
GC/HRMS	EPA 1668A/1668C	PCB 202
GC/HRMS	EPA 1668A/1668C	PCB 203
GC/HRMS	EPA 1668A/1668C	PCB 204
GC/HRMS	EPA 1668A/1668C	PCB 205
GC/HRMS	EPA 1668A/1668C	PCB 206
GC/HRMS	EPA 1668A/1668C	PCB 207
GC/HRMS	EPA 1668A/1668C	PCB 208
GC/HRMS	EPA 1668A/1668C	PCB 209
Preparation	**Method**	**Type**
Separatory Funnel Liquid-Liquid Extraction	EPA 3510C	Semivolatile and Non-Volatile Organics
Solid Phase Extraction	EPA 3535A	Semivolatile and Non-Volatile Organics

Drinking Water		
Technology	**Method**	**Analyte**
LC/MS/MS	EPA 537	Perfluorobutanesulfonic acid (PFBS)
LC/MS/MS	EPA 537	Perfluorohexanesulfonic acid (PFHxS)
LC/MS/MS	EPA 537	Perfluorohexane Sulfonic Acid (PFHxS)
LC/MS/MS	EPA 537	Perfluorononanoic acid (PFNA)
LC/MS/MS	EPA 537	Perfluorooctanoic acid (PFOA)
LC/MS/MS	EPA 537	Perfluorooctanesulfonic acid (PFOS)
LC/MS/MS	EPA 537	Perfluorodecanoic acid (PFDA)
LC/MS/MS	EPA 537	Perfluorododecanoic acid (PFDoA)

Drinking Water		
Technology	**Method**	**Analyte**
LC/MS/MS	EPA 537	Perfluorohexanoic acid (PFHxA)
LC/MS/MS	EPA 537	Perfluorotetradecanoic acid (PFTeDA)
LC/MS/MS	EPA 537	Perfluorotridecanoic acid (PFTrDA)
LC/MS/MS	EPA 537	Perfluoroundecanoic acid (PFUnA)
LC/MS/MS	EPA 537	N-Ethyl perfluorooctanesulfon amidoacetic acid (NEtFOSAA, EtFOSAA)
LC/MS/MS	EPA 537	N-Methyl perfluorooctanesulfon amidoacetic acid (NMeFOSAA, MeFOSAA)
LC/MS/MS	EPA 537.1	Perfluorodecanoic acid (PFDA)
LC/MS/MS	EPA 537.1	Perfluorododecanoic acid (PFDoA)
LC/MS/MS	EPA 537.1	Perfluorohexanoic acid (PFHxA)
LC/MS/MS	EPA 537.1	Perfluorotetradecanoic acid (PFTeDA)
LC/MS/MS	EPA 537.1	Perfluorotridecanoic acid (PFTrDA)
LC/MS/MS	EPA 537.1	Perfluoroundecanoic acid (PFUnA)
LC/MS/MS	EPA 537.1	N-Ethyl perfluorooctanesulfon amidoacetic acid (NEtFOSAA, EtFOSAA)
LC/MS/MS	EPA 537.1	N-Methyl perfluorooctanesulfon amidoacetic acid (NMeFOSAA, MeFOSAA)
LC/MS/MS	EPA 537.1	Perfluoroheptanoic acid (PFHpA)
LC/MS/MS	EPA 537.1	Perfluorooctanoic acid (PFOA)
LC/MS/MS	EPA 537.1	Perfluorononanoic acid (PFNA)
LC/MS/MS	EPA 537.1	Perfluorobutanesulfonic acid (PFBS)
LC/MS/MS	EPA 537.1	Perfluorohexanesulfonic acid (PFHxS)
LC/MS/MS	EPA 537.1	Perfluorooctanesulfonic acid (PFOS)
LC/MS/MS	EPA 537.1	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)
LC/MS/MS	EPA 537.1	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)
LC/MS/MS	EPA 537.1	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11C1-PF3OUdS)
LC/MS/MS	EPA 537.1	4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)
LC/MS/MS	EPA 533	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11C1-PF3OUdS)
LC/MS/MS	EPA 533	8:2 Fluorotelomer sulfonic acid (1H,1H,2H,2H-perfluorodecane sulfonic acid) (8:2 FTS)

Drinking Water		
Technology	**Method**	**Analyte**
LC/MS/MS	EPA 533	4:2 Fluorotelomer sulfonic acid (1H, 1H,2H,2H-perfluorohexane sulfonic acid) (4:2 FTS)
LC/MS/MS	EPA 533	6:2 Fluorotelomer sulfonic acid (1H,1H,2H,2H-perfluorooctane sulfonic acid) (6:2 FTS)
LC/MS/MS	EPA 533	4,8-Dioxa-3H-perfluorononanoic acid (DONA)
LC/MS/MS	EPA 533	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)
LC/MS/MS	EPA 533	Hexafluoropropylene oxide dimer acid (HFPO-DA, GenX) (Perfluoro-2-propoxypropionic acid)
LC/MS/MS	EPA 533	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC/MS/MS	EPA 533	Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)
LC/MS/MS	EPA 533	Perfluoro-3-methoxypropanoic acid (PFMPA)
LC/MS/MS	EPA 533	Perfluoro-4-methoxybutanoic acid (PFMBA)
LC/MS/MS	EPA 533	Perfluorobutanesulfonic acid (PFBS)
LC/MS/MS	EPA 533	Perfluorobutanoic acid (PFBA)
LC/MS/MS	EPA 533	Perfluorodecanoic acid (PFDA)
LC/MS/MS	EPA 533	Perfluorododecanoic acid (PFDoA)
LC/MS/MS	EPA 533	Perfluoroheptanesulfonic acid (PFHpS)
LC/MS/MS	EPA 533	Perfluoroheptanoic acid (PFHpA)
LC/MS/MS	EPA 533	Perfluorohexanesulfonic acid (PFHxS)
LC/MS/MS	EPA 533	Perfluorohexanoic acid (PFHxA)
LC/MS/MS	EPA 533	Perfluorononanoic acid (PFNA)
LC/MS/MS	EPA 533	Perfluorooctanesulfonic acid (PFOS)
LC/MS/MS	EPA 533	Perfluorooctanoic acid (PFOA)
LC/MS/MS	EPA 533	Perfluoropentanesulfonic acid (PFPeS)
LC/MS/MS	EPA 533	Perfluoropentanoic acid (PFPeA)
LC/MS/MS	EPA 533	Perfluoroundecanoic acid (PFUnA)
Preparation	**Method**	**Type**
Solid Phase Extraction	EPA 537/537.1/533	Perfluoro compounds in Drinking Water

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
LC/MS/MS	EPA 6850	Perchlorate
Gravimetric	ASTM D2216	%Moisture
GC/HRMS	EPA 8290/ 8290A/1613B	2,3,7,8-TeCDD
GC/HRMS	EPA 8290/ 8290A/1613B	1,2,3,7,8-PeCDD
GC/HRMS	EPA 8290/ 8290A/1613B	1,2,3,4,7,8-HxCDD
GC/HRMS	EPA 8290/ 8290A/1613B	1,2,3,6,7,8-HxCDD
GC/HRMS	EPA 8290/ 8290A/1613B	1,2,3,7,8,9-HxCDD
GC/HRMS	EPA 8290/ 8290A/1613B	1,2,3,4,6,7,8-HpCDD
GC/HRMS	EPA 8290/ 8290A/1613B	OCDD
GC/HRMS	EPA 8290/ 8290A/1613B	2,3,7,8-TeCDF
GC/HRMS	EPA 8290/ 8290A/1613B	1,2,3,7,8-PeCDF
GC/HRMS	EPA 8290/ 8290A/1613B	2,3,4,7,8-PeCDF
GC/HRMS	EPA 8290/ 8290A/1613B	1,2,3,4,7,8-HxCDF
GC/HRMS	EPA 8290/ 8290A/1613B	1,2,3,6,7,8-HxCDF
GC/HRMS	EPA 8290/ 8290A/1613B	1,2,3,7,8,9-HxCDF
GC/HRMS	EPA 8290/ 8290A/1613B	2,3,4,6,7,8-HxCDF
GC/HRMS	EPA 8290/ 8290A/1613B	1,2,3,4,6,7,8-HpCDF
GC/HRMS	EPA 8290/ 8290A/1613B	1,2,3,4,7,8,9-HpCDF
GC/HRMS	EPA 8290/ 8290A/1613B	OCDF
GC/HRMS	EPA 8290/ 8290A/1613B	Total TCDD
GC/HRMS	EPA 8290/ 8290A/1613B	Total PeCDD
GC/HRMS	EPA 8290/ 8290A/1613B	Total HxCDD
GC/HRMS	EPA 8290/ 8290A/1613B	Total HpCDD
GC/HRMS	EPA 8290/ 8290A/1613B	Total TCDF
GC/HRMS	EPA 8290/ 8290A/1613B	Total PeCDF
GC/HRMS	EPA 8290/ 8290A/1613B	Total HxCDF
GC/HRMS	EPA 8290/ 8290A/1613B	Total HpCDF
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	6:2 Fluorotelomer sulfonic acid (1H,1H,2H,2H-perfluorooctane sulfonic acid) (6:2 FTS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	8:2 Fluorotelomer sulfonic acid (1H,1H,2H,2H-perfluorodecane sulfonic acid) (8:2 FTS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	N-Ethyl perfluorooctanesulfon amidoacetic acid (NEtFOSAA, EtFOSAA)

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	N-Methyl perfluorooctanesulfon amidoacetic acid (NMeFOSAA, MeFOSAA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorooctanoic acid (PFOA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorooctanesulfonic acid (PFOS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorobutanoic acid (PFBA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoropentanoic acid (PFPA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorohexanoic acid (PFHxA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoroheptanoic acid (PFHpA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorononanoic acid (PFNA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorodecanoic acid (PFDA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoroundecanoic acid (PFUnA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorododecanoic acid (PFDoA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorotridecanoic acid (PFTrDA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorotetradecanoic acid (PFTeDA)

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorobutanesulfonic acid (PFBS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorohexanesulfonic acid (PFHxS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoroheptanesulfonic acid (PFHpS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorodecanesulfonic acid (PFDS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorooctanesulfonamide (PFOSA, FOSA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	4:2 Fluorotelomer sulfonic acid (1H, 1H,2H,2H-perfluorohexane sulfonic acid) (4:2 FTS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	10:2 Fluorotelomer sulfonic acid (1H, 1H,2H,2H-perfluorododecane sulfonic acid) (10:2 FTS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorohexadecanoic acid (PFHxDA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoropentanesulfonic acid (PFPeS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorononanesulfonic acid (PFNS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Hexafluoropropylene oxide dimer acid (HFPO-DA, GenX) (Perfluoro-2-propoxypropionic acid)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11C1-PF3OUdS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorododecanesulfonic acid (PFDoS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorooctadecanoic acid (PFODA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro-4-ethylcyclohexanesulfonic acid (PFecHS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro-1-propanesulfonic acid (PFPrS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	N-Ethylperfluorooctane sulfonamide (NEtFOSA ,EtFOSA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	N-Methylperfluorooctane sulfonamide (NMeFOSA, MeFOSA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE EtFOSE)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	N-Methylperfluorooctane sulfonamido ethanol (NMeFOSe, MeFOSE)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	4,4,5,5,6,6,6-Heptafluorohexanoic acid (3-Perfluoropropyl propanoic acid) (3:3 FTCA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	2H,2H,3H,3H-Perfluorodecanoic acid (3-Perfluoroheptyl propanoic acid) (7:3 FTCA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	2-Perfluorohexylethanoic acid (6:2 FTCA)

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	2-Perfluorooctylethanoic acid (8:2 FTCA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	2-Perfluorodecylethanoic acid (10:2 FTCA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoropropionic acid (PPF Acid, PFPrA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro-3-methoxypropanoic acid (PFMPA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro-4-methoxybutanoic acid (PFMBA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Difluoro(perfluoromethoxy)acetic acid (PFMOAA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro-4-isopropoxybutanoic acid (PFECA G, PFPE-1)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro-3,5,7,9-butaoxadecanoic acid (PFO4DA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro-3,5,7-trioxaoctanoic acid (PFO3OA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro-3,5-dioxahexanoic acid (PFO2HXA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro-2-{[perfluoro-3-(perfluoroethoxy)-2-propanyl]oxy}ethanesulfonic acid (Hydro-PS Acid)

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro-3,5,7,9,11-pentaoxadodecanoic acid (PFO5DoA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoro-2-(perfluoromethoxy)propanoic acid (PMPA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	2,3,3,3-Tetrafluoro-2-(pentafluoroethoxy)propanoic acid (PEPA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	4-(2-carboxy-1,1,2,2-tetrafluoroethoxy)-2,2,3,3,4,5,5,5-octafluoro-pentanoic acid (R-EVE)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	1,1,2,2-Tetrafluoro-2-(1,2,2,2-tetrafluoroethoxy)ethane-1-sulfonic acid (NVHOS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	2,2,3,3-Tetrafluoro-3-{[1,1,1,2,3,3-hexafluoro-3-(1,2,2,2-tetrafluoroethoxy)propan-2-yl]oxy}propanoic acid (Hydro-EVE Acid)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	1,1,2,2-tetrafluoro-2-[1,2,2,3,3-pentafluoro-1-(trifluoromethyl)propoxy]ethanesulfonic acid (R-PSDCA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	1*H*,1*H*, 2*H*, 2*H*-Perfluorooctane sulfonic acid (6:2FTS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	1*H*,1*H*, 2*H*, 2*H*-Perfluorodecane sulfonic acid (8:2FTS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorooctanoic acid (PFOA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorooctanesulfonic acid (PFOS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorobutanoic acid (PFBA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoropentanoic acid (PFPeA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorohexanoic acid (PFHxA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoroheptanoic acid (PFHpA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorononanoic acid (PFNA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorodecanoic acid (PFDA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoroundecanoic acid (PFUnA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorododecanoic acid (PFDoA)

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorotridecanoic acid (PFTrDA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorotetradecanoic acid (PFTeDA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorobutanesulfonic acid (PFBS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorohexanesulfonic acid (PFHxS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoroheptanesulfonic acid (PFHpS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorodecanesulfonic acid (PFDS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorooctanesulfonamide (PFOSA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	1*H*,1*H*, 2*H*, 2*H*-Perfluorohexane sulfonic acid (4:2FTS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoropentanesulfonic acid (PFPeS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorononanesulfonic acid (PFNS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	4,8-Dioxa-3*H*-perfluorononanoic acid (ADONA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Hexafluoropropylene oxide dimer acid (HFPO-DA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11C1-PF3OUdS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorododecanesulfonic acid (PFDoS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	N-ethyl perfluorooctanesulfonamide (NEtFOSA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	N-methyl perfluorooctanesulfonamide (NMeFOSA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)
LC/MS/MS	Draft EPA Method 1633 Rev 4	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)
LC/MS/MS	Draft EPA Method 1633 Rev 4	3-Perfluoropropyl propanoic acid (3:3FTCA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	2*H*,2*H*,3*H*,3*H*-Perfluorooctanoic acid (5:3FTCA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	3-Perfluoroheptyl propanoic acid (7:3FTCA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoro-3-methoxypropanoic acid (PFMPA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoro-4-methoxybutanoic acid (PFMBA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)
GC/HRMS	EPA 1668A/1668C	PCB 1
GC/HRMS	EPA 1668A/1668C	PCB 2
GC/HRMS	EPA 1668A/1668C	PCB 3

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 1668A/1668C	PCB 4
GC/HRMS	EPA 1668A/1668C	PCB 5
GC/HRMS	EPA 1668A/1668C	PCB 6
GC/HRMS	EPA 1668A/1668C	PCB 7
GC/HRMS	EPA 1668A/1668C	PCB 8
GC/HRMS	EPA 1668A/1668C	PCB 9
GC/HRMS	EPA 1668A/1668C	PCB 10
GC/HRMS	EPA 1668A/1668C	PCB 11
GC/HRMS	EPA 1668A/1668C	PCB 12
GC/HRMS	EPA 1668A/1668C	PCB 13
GC/HRMS	EPA 1668A/1668C	PCB 14
GC/HRMS	EPA 1668A/1668C	PCB 15
GC/HRMS	EPA 1668A/1668C	PCB 16
GC/HRMS	EPA 1668A/1668C	PCB 17
GC/HRMS	EPA 1668A/1668C	PCB 18
GC/HRMS	EPA 1668A/1668C	PCB 19
GC/HRMS	EPA 1668A/1668C	PCB 20
GC/HRMS	EPA 1668A/1668C	PCB 21
GC/HRMS	EPA 1668A/1668C	PCB 22
GC/HRMS	EPA 1668A/1668C	PCB 23
GC/HRMS	EPA 1668A/1668C	PCB 24
GC/HRMS	EPA 1668A/1668C	PCB 25
GC/HRMS	EPA 1668A/1668C	PCB 26
GC/HRMS	EPA 1668A/1668C	PCB 27
GC/HRMS	EPA 1668A/1668C	PCB 28
GC/HRMS	EPA 1668A/1668C	PCB 29
GC/HRMS	EPA 1668A/1668C	PCB 30
GC/HRMS	EPA 1668A/1668C	PCB 32
GC/HRMS	EPA 1668A/1668C	PCB 31
GC/HRMS	EPA 1668A/1668C	PCB 33
GC/HRMS	EPA 1668A/1668C	PCB 34
GC/HRMS	EPA 1668A/1668C	PCB 35
GC/HRMS	EPA 1668A/1668C	PCB 36
GC/HRMS	EPA 1668A/1668C	PCB 37
GC/HRMS	EPA 1668A/1668C	PCB 38

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 1668A/1668C	PCB 39
GC/HRMS	EPA 1668A/1668C	PCB 40
GC/HRMS	EPA 1668A/1668C	PCB 41
GC/HRMS	EPA 1668A/1668C	PCB 42
GC/HRMS	EPA 1668A/1668C	PCB 43
GC/HRMS	EPA 1668A/1668C	PCB 44
GC/HRMS	EPA 1668A/1668C	PCB 45
GC/HRMS	EPA 1668A/1668C	PCB 46
GC/HRMS	EPA 1668A/1668C	PCB 47
GC/HRMS	EPA 1668A/1668C	PCB 48
GC/HRMS	EPA 1668A/1668C	PCB 49
GC/HRMS	EPA 1668A/1668C	PCB 50
GC/HRMS	EPA 1668A/1668C	PCB 51
GC/HRMS	EPA 1668A/1668C	PCB 52
GC/HRMS	EPA 1668A/1668C	PCB 53
GC/HRMS	EPA 1668A/1668C	PCB 54
GC/HRMS	EPA 1668A/1668C	PCB 55
GC/HRMS	EPA 1668A/1668C	PCB 56
GC/HRMS	EPA 1668A/1668C	PCB 57
GC/HRMS	EPA 1668A/1668C	PCB 58
GC/HRMS	EPA 1668A/1668C	PCB 59
GC/HRMS	EPA 1668A/1668C	PCB 60
GC/HRMS	EPA 1668A/1668C	PCB 61
GC/HRMS	EPA 1668A/1668C	PCB 62
GC/HRMS	EPA 1668A/1668C	PCB 63
GC/HRMS	EPA 1668A/1668C	PCB 64
GC/HRMS	EPA 1668A/1668C	PCB 65
GC/HRMS	EPA 1668A/1668C	PCB 66
GC/HRMS	EPA 1668A/1668C	PCB 67
GC/HRMS	EPA 1668A/1668C	PCB 68
GC/HRMS	EPA 1668A/1668C	PCB 69
GC/HRMS	EPA 1668A/1668C	PCB 70
GC/HRMS	EPA 1668A/1668C	PCB 71
GC/HRMS	EPA 1668A/1668C	PCB 72
GC/HRMS	EPA 1668A/1668C	PCB 73

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 1668A/1668C	PCB 74
GC/HRMS	EPA 1668A/1668C	PCB 75
GC/HRMS	EPA 1668A/1668C	PCB 76
GC/HRMS	EPA 1668A/1668C	PCB 77
GC/HRMS	EPA 1668A/1668C	PCB 78
GC/HRMS	EPA 1668A/1668C	PCB 79
GC/HRMS	EPA 1668A/1668C	PCB 80
GC/HRMS	EPA 1668A/1668C	PCB 81
GC/HRMS	EPA 1668A/1668C	PCB 82
GC/HRMS	EPA 1668A/1668C	PCB 83
GC/HRMS	EPA 1668A/1668C	PCB 84
GC/HRMS	EPA 1668A/1668C	PCB 85
GC/HRMS	EPA 1668A/1668C	PCB 86
GC/HRMS	EPA 1668A/1668C	PCB 87
GC/HRMS	EPA 1668A/1668C	PCB 88
GC/HRMS	EPA 1668A/1668C	PCB 89
GC/HRMS	EPA 1668A/1668C	PCB 90
GC/HRMS	EPA 1668A/1668C	PCB 91
GC/HRMS	EPA 1668A/1668C	PCB 92
GC/HRMS	EPA 1668A/1668C	PCB 93
GC/HRMS	EPA 1668A/1668C	PCB 94
GC/HRMS	EPA 1668A/1668C	PCB 95
GC/HRMS	EPA 1668A/1668C	PCB 96
GC/HRMS	EPA 1668A/1668C	PCB 97
GC/HRMS	EPA 1668A/1668C	PCB 98
GC/HRMS	EPA 1668A/1668C	PCB 99
GC/HRMS	EPA 1668A/1668C	PCB 100
GC/HRMS	EPA 1668A/1668C	PCB 101
GC/HRMS	EPA 1668A/1668C	PCB 102
GC/HRMS	EPA 1668A/1668C	PCB 103
GC/HRMS	EPA 1668A/1668C	PCB 104
GC/HRMS	EPA 1668A/1668C	PCB 105
GC/HRMS	EPA 1668A/1668C	PCB 106
GC/HRMS	EPA 1668A/1668C	PCB 107
GC/HRMS	EPA 1668A/1668C	PCB 108

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 1668A/1668C	PCB 109
GC/HRMS	EPA 1668A/1668C	PCB 110
GC/HRMS	EPA 1668A/1668C	PCB 111
GC/HRMS	EPA 1668A/1668C	PCB 112
GC/HRMS	EPA 1668A/1668C	PCB 113
GC/HRMS	EPA 1668A/1668C	PCB 114
GC/HRMS	EPA 1668A/1668C	PCB 115
GC/HRMS	EPA 1668A/1668C	PCB 116
GC/HRMS	EPA 1668A/1668C	PCB 117
GC/HRMS	EPA 1668A/1668C	PCB 118
GC/HRMS	EPA 1668A/1668C	PCB 119
GC/HRMS	EPA 1668A/1668C	PCB 120
GC/HRMS	EPA 1668A/1668C	PCB 121
GC/HRMS	EPA 1668A/1668C	PCB 122
GC/HRMS	EPA 1668A/1668C	PCB 123
GC/HRMS	EPA 1668A/1668C	PCB 124
GC/HRMS	EPA 1668A/1668C	PCB 125
GC/HRMS	EPA 1668A/1668C	PCB 126
GC/HRMS	EPA 1668A/1668C	PCB 127
GC/HRMS	EPA 1668A/1668C	PCB 128
GC/HRMS	EPA 1668A/1668C	PCB 129
GC/HRMS	EPA 1668A/1668C	PCB 130
GC/HRMS	EPA 1668A/1668C	PCB 131
GC/HRMS	EPA 1668A/1668C	PCB 132
GC/HRMS	EPA 1668A/1668C	PCB 133
GC/HRMS	EPA 1668A/1668C	PCB 134
GC/HRMS	EPA 1668A/1668C	PCB 135
GC/HRMS	EPA 1668A/1668C	PCB 136
GC/HRMS	EPA 1668A/1668C	PCB 137
GC/HRMS	EPA 1668A/1668C	PCB 138
GC/HRMS	EPA 1668A/1668C	PCB 139
GC/HRMS	EPA 1668A/1668C	PCB 140
GC/HRMS	EPA 1668A/1668C	PCB 141
GC/HRMS	EPA 1668A/1668C	PCB 142
GC/HRMS	EPA 1668A/1668C	PCB 143

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 1668A/1668C	PCB 144
GC/HRMS	EPA 1668A/1668C	PCB 145
GC/HRMS	EPA 1668A/1668C	PCB 146
GC/HRMS	EPA 1668A/1668C	PCB 147
GC/HRMS	EPA 1668A/1668C	PCB 148
GC/HRMS	EPA 1668A/1668C	PCB 149
GC/HRMS	EPA 1668A/1668C	PCB 150
GC/HRMS	EPA 1668A/1668C	PCB 151
GC/HRMS	EPA 1668A/1668C	PCB 152
GC/HRMS	EPA 1668A/1668C	PCB 153
GC/HRMS	EPA 1668A/1668C	PCB 154
GC/HRMS	EPA 1668A/1668C	PCB 155
GC/HRMS	EPA 1668A/1668C	PCB 156
GC/HRMS	EPA 1668A/1668C	PCB 157
GC/HRMS	EPA 1668A/1668C	PCB 158
GC/HRMS	EPA 1668A/1668C	PCB 159
GC/HRMS	EPA 1668A/1668C	PCB 160
GC/HRMS	EPA 1668A/1668C	PCB 161
GC/HRMS	EPA 1668A/1668C	PCB 162
GC/HRMS	EPA 1668A/1668C	PCB 163
GC/HRMS	EPA 1668A/1668C	PCB 164
GC/HRMS	EPA 1668A/1668C	PCB 165
GC/HRMS	EPA 1668A/1668C	PCB 166
GC/HRMS	EPA 1668A/1668C	PCB 167
GC/HRMS	EPA 1668A/1668C	PCB 168
GC/HRMS	EPA 1668A/1668C	PCB 169
GC/HRMS	EPA 1668A/1668C	PCB 170
GC/HRMS	EPA 1668A/1668C	PCB 171
GC/HRMS	EPA 1668A/1668C	PCB 172
GC/HRMS	EPA 1668A/1668C	PCB 173
GC/HRMS	EPA 1668A/1668C	PCB 174
GC/HRMS	EPA 1668A/1668C	PCB 175
GC/HRMS	EPA 1668A/1668C	PCB 176
GC/HRMS	EPA 1668A/1668C	PCB 177
GC/HRMS	EPA 1668A/1668C	PCB 178

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/HRMS	EPA 1668A/1668C	PCB 179
GC/HRMS	EPA 1668A/1668C	PCB 180
GC/HRMS	EPA 1668A/1668C	PCB 181
GC/HRMS	EPA 1668A/1668C	PCB 182
GC/HRMS	EPA 1668A/1668C	PCB 183
GC/HRMS	EPA 1668A/1668C	PCB 184
GC/HRMS	EPA 1668A/1668C	PCB 185
GC/HRMS	EPA 1668A/1668C	PCB 186
GC/HRMS	EPA 1668A/1668C	PCB 187
GC/HRMS	EPA 1668A/1668C	PCB 188
GC/HRMS	EPA 1668A/1668C	PCB 189
GC/HRMS	EPA 1668A/1668C	PCB 190
GC/HRMS	EPA 1668A/1668C	PCB 191
GC/HRMS	EPA 1668A/1668C	PCB 192
GC/HRMS	EPA 1668A/1668C	PCB 193
GC/HRMS	EPA 1668A/1668C	PCB 194
GC/HRMS	EPA 1668A/1668C	PCB 195
GC/HRMS	EPA 1668A/1668C	PCB 196
GC/HRMS	EPA 1668A/1668C	PCB 197
GC/HRMS	EPA 1668A/1668C	PCB 198
GC/HRMS	EPA 1668A/1668C	PCB 199
GC/HRMS	EPA 1668A/1668C	PCB 200
GC/HRMS	EPA 1668A/1668C	PCB 201
GC/HRMS	EPA 1668A/1668C	PCB 202
GC/HRMS	EPA 1668A/1668C	PCB 203
GC/HRMS	EPA 1668A/1668C	PCB 204
GC/HRMS	EPA 1668A/1668C	PCB 205
GC/HRMS	EPA 1668A/1668C	PCB 206
GC/HRMS	EPA 1668A/1668C	PCB 207
GC/HRMS	EPA 1668A/1668C	PCB 208
GC/HRMS	EPA 1668A/1668C	PCB 209
Preparation	**Method**	**Type**
Separatory Funnel Liquid-Liquid Extraction	EPA 3510C	Semivolatile and Non-Volatile Organics

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
Solvent Dilution	EPA 3580A	Semivolatile and Non-Volatile Organics
TCLP Extraction	EPA 1311	Toxicity Characteristic Leaching Procedure
SPLP Extraction	EPA 1312	Synthetic Precipitation Leaching Procedure
STLC Extraction	CA-WET	California Waste Extraction Test

Biological Tissue		
Technology	**Method**	**Analyte**
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	6:2 Fluorotelomer sulfonic acid (1H,1H,2H,2H-perfluorooctane sulfonic acid) (6:2 FTS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	8:2 Fluorotelomer sulfonic acid (1H,1H,2H,2H-perfluorodecane sulfonic acid) (8:2 FTS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	N-Ethyl perfluorooctanesulfon amidoacetic acid (NEtFOSAA, EtFOSAA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	N-Methyl perfluorooctanesulfon amidoacetic acid (NMeFOSAA, MeFOSAA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorooctanoic acid (PFOA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorooctanesulfonic acid (PFOS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorobutanoic acid (PFBA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoropentanoic acid (PFPA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorohexanoic acid (PFHxA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoroheptanoic acid (PFHpA)

Biological Tissue		
Technology	**Method**	**Analyte**
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorononanoic acid (PFNA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorodecanoic acid (PFDA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoroundecanoic acid (PFUnA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorododecanoic acid (PFDoA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorotridecanoic acid (PFTrDA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorotetradecanoic acid (PFTeDA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.34 Table B-15 WS-LC-0025	Perfluorobutanesulfonic acid (PFBS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.34 Table B-15 WS-LC-0025	Perfluorohexanesulfonic acid (PFHxS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorooctanesulfonamide (PFOSA, FOSA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	4:2 Fluorotelomer sulfonic acid (1H, 1H,2H,2H-perfluorohexane sulfonic acid) (4:2 FTS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	10:2 Fluorotelomer sulfonic acid (1H, 1H,2H,2H-perfluorododecane sulfonic acid) (10:2 FTS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorohexadecanoic acid (PFHxDA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoropentanesulfonic acid (PFPeS)

Biological Tissue		
Technology	**Method**	**Analyte**
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorononanesulfonic acid (PFNS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Hexafluoropropylene oxide dimer acid (HFPO-DA, GenX) (Perfluoro-2-propoxypropionic acid)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11C1-PF3OUdS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorododecanesulfonic acid (PFDoS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorooctadecanoic acid (PFODA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	N-Ethylperfluorooctane sulfonamide (NEtFOSA, EtFOSA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	N-Methylperfluorooctane sulfonamide (NMeFOSA, MeFOSA)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE, EtFOSE)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	N-Methylperfluorooctane sulfonamido ethanol (NMeFOSe, MeFOSE)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluoroheptanesulfonic acid (PFHpS)
LC/MS/MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Perfluorodecanesulfonic acid (PFDS)

Biological Tissue		
Technology	**Method**	**Analyte**
LC/MS/MS	Draft EPA Method 1633 Rev 4	1*H*,1*H*, 2*H*, 2*H*-Perfluorooctane sulfonic acid (6:2FTS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	1*H*,1*H*, 2*H*, 2*H*-Perfluorodecane sulfonic acid (8:2FTS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorooctanoic acid (PFOA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorooctanesulfonic acid (PFOS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorobutanoic acid (PFBA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoropentanoic acid (PFPeA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorohexanoic acid (PFHxA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoroheptanoic acid (PFHpA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorononanoic acid (PFNA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorodecanoic acid (PFDA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoroundecanoic acid (PFUnA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorododecanoic acid (PFDoA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorotridecanoic acid (PFTrDA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorotetradecanoic acid (PFTeDA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorobutanesulfonic acid (PFBS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorohexanesulfonic acid (PFHxS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoroheptanesulfonic acid (PFHpS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorodecanesulfonic acid (PFDS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorooctanesulfonamide (PFOSA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	1*H*,1*H*, 2*H*, 2*H*-Perfluorohexane sulfonic acid (4:2FTS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoropentanesulfonic acid (PFPeS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorononanesulfonic acid (PFNS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	4,8-Dioxa-3*H*-perfluorononanoic acid (ADONA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Hexafluoropropylene oxide dimer acid (HFPO-DA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11C1-PF3OUdS)

Biological Tissue		
Technology	**Method**	**Analyte**
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluorododecanesulfonic acid (PFDoS)
LC/MS/MS	Draft EPA Method 1633 Rev 4	N-ethyl perfluorooctanesulfonamide (NEtFOSA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	N-methyl perfluorooctanesulfonamide (NMeFOSA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)
LC/MS/MS	Draft EPA Method 1633 Rev 4	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)
LC/MS/MS	Draft EPA Method 1633 Rev 4	3-Perfluoropropyl propanoic acid (3:3FTCA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	2*H*,2*H*,3*H*,3*H*-Perfluorooctanoic acid (5:3FTCA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	3-Perfluoroheptyl propanoic acid (7:3FTCA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoro-3-methoxypropanoic acid (PFMPA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoro-4-methoxybutanoic acid (PFMBA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
LC/MS/MS	Draft EPA Method 1633 Rev 4	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)
Preparation	**Method**	**Type**
Tissue Extraction for PFAS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 WS-LC-0025	Sonication/Solvent Shake with SPE cleanup

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. L2468.
2. Eurofins Sacramento is a laboratory within Eurofins Environment Testing Northern California, LLC, a company within the Eurofins Environment Testing Group of Companies.

Jason Stine, Vice President

Electronic Copy Only

Title: Chlorinated Pesticides [EPA 8081A & 8081B]

Approvals (Signature/Date):

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1.0 Scope and Application

1.1 This standard operating procedure (SOP) describes the determination of chlorinated pesticides using the methodology described in EPA SW-846 Method 8081A and 8081B with 8000B, 8000C or 8000D as specified by project requirements.

1.2 This SOP is applicable to the gas chromatographic (GC) analysis of extracts of soil and water samples. Table 1 lists the compounds that can be determined by this method and their associated routine reporting limits (RLs).

1.3 This SOP does not include the procedures for extracting soil and water samples. Refer to the following SOPs for sample extraction procedures:

DV-OP-0006	Extraction of Aqueous Samples by Separatory Funnel, SW-846 3510C and EPA 600 Series
DV-OP-0007	Concentration and Clean-up of Organic Extracts, SW-846 3510C, 3520C, 3540C, 3546, and 3550B
DV-OP-0016	Ultrasonic Extraction of Solid Samples by SW-846 3550B & 3550C
DV-OP-0015	Microwave Extraction of Solid Samples by SW-846 3546

1.4 Analytes, Matrix(s), and Reporting Limits

See Table 1 for analytes and reporting limits by matrix.

1.5 This SOP contains a Large Volume Injection (LVI) procedure. This procedure has not been approved by the State of South Carolina and therefore no samples from South Carolina may be analyzed using LVI.

2.0 Summary of Method

2.1 Sample Preparation

2.1.1 Chlorinated pesticides are extracted from a one-liter water sample with methylene chloride using a separatory funnel (Method 3510C). Detailed instructions are given in SOP DV-OP-0006 *Extraction of Aqueous Samples by Separatory Funnel*. The methylene chloride extract is exchanged to hexane as described in SOP DV-OP-0007 *Concentration and Clean-up of Organic Extracts*. An alternate procedure has been developed using a lower volume of sample (250 mL to a final volume of 5 mL) and a larger injection volume in order to minimize shipping requirements and conserve the reagents needed for extraction.

2.1.2 Chlorinated pesticides are extracted from a 30-gram soil subsample into a 50:50 acetone-methylene chloride solution by sonication (Method 3550C) or by microwave extraction (Method 3546). The extract is dried and exchanged to hexane. Detailed instructions are given in SOPs DV-OP-0016 *Ultrasonic Extraction of Solid Samples* and DV-OP-0015 *Microwave*

Extraction of Solid Samples.

2.1.3 SOP DV-OP-0007 *Concentration and Clean-up of Organic Extracts* provides instructions for the concentration and cleanup of sample extracts. Florisil is used to clean extracts that show color or when requested in order to minimize interferences when they are observed in the analysis. Sulfur is removed if observed. All extracts are in hexane and the final extract volume is 10 mL. For the LVI method the final extract volume is 5 mL.

2.2 Analysis

2.2.1 Samples are analyzed using a gas chromatograph equipped with dual columns and dual electron capture detectors (ECDs).

2.2.2 The instrument is calibrated using internal standards. Compounds are identified by their retention time on the columns.

2.2.3 Positive results from the primary column are confirmed with a second, dissimilar column. The laboratory maintains a total of four dissimilar columns for additional confirmation capability.

3.0 Definitions

3.1 Single-Component Pesticides: A pesticide formulation that consists of a single chemical compound. Most of the analytes determined by this procedure are single-compound pesticides.

3.2 Multi-Component Pesticides: A pesticide formulation that consists of more than one chemical compound. Toxaphene and Technical Chlordane are production mixtures of multiple compounds. Toxaphene is manufactured by the chlorination of camphenes, which produces a variety of compounds, not all of which are chromatographically resolved. Technical Chlordane is produced by the chlorination of a mixture of camphenes and pinenes.

3.3 Chlordane: As just described, Technical Chlordane (CAS# 12789-03-6) is a mixture of compounds. Method 8081A, Section 7.6.2 and Method 8081B, Section 11.6.2 note that Technical Chlordane includes at least 11 major components and 30 minor components, and adds “the exact percentage of each [*cis*-chlordane and *trans*-chlordane] in the technical material is not completely defined, and is not consistent from batch to batch.” The laboratory has found that manufacturing lots of Technical Chlordane produced at different times or at different production facilities have different ratios of the key components. For this reason, it is more common to analyze for the major components of technical Chlordane (α-Chlordane, γ-Chlordane, and heptachlor) instead of analyzing for the total mixture. For the purpose of reporting results under this SOP, the following compounds are reported. Alpha-chlordane (*cis*-chlordane) CAS # 5103-71-9 and gamma-chlordane (*trans*-chlordane) CAS # 5103-74-2. trans-Chlordane has also been identified as beta-chlordane. The laboratory may also report chlordane (not otherwise specified) or, n.o.s under CAS# 57-74-9.

3.4 The quality control terms used in this procedure are consistent with SW-846 terminology. Definitions are provided in the glossary of the Eurofins Denver Quality Assurance Manual (QAM) and SOP DV-QA-003P *Quality Control Program*.

3.5 Lower Limit of Quantitation (LLOQ)**:** The lowest concentration at which the laboratory has demonstrated target analytes can be reliably measured and reported with a certain degree of confidence, which must be > the lowest point in the calibration curve. The LLOQ is equivalent to the standard reporting limit. The required LLOQ verification is performed at a concentration of 1-2 times the LLOQ (or RL).

4.0 Interferences

4.1 Contamination by carryover can occur when a low concentration sample is analyzed immediately following a high concentration sample. It is the laboratory's policy to reanalyze any samples that follow an unusually concentrated sample (well above the high level calibration standard) and that show detectable levels of the same compounds that appeared in the preceding concentrated sample.

4.2 Interferences in the GC analysis arise from many compounds amenable to gas chromatography that give a measurable response on the electron capture detector. Phthalate esters, which are common plasticizers, can pose a major problem in the determinations. Interferences from phthalates are minimized by avoiding contact with any plastic materials.

4.3 Sulfur will interfere, and, when observed, is removed using cleanup procedures described in SOP DV-OP-0007 *Concentration and Clean-up of Organic Extracts*. An NCM which indicates the lot number of the materials used for cleanup is provided whenever a cleanup procedure is used.

4.4 Soil and water sample extracts are subject to Florisil cleanup when the extracts have noticeable color or whenever there is clear evidence of interferences in the initial sample chromatograms. Florisil removes low- to medium-molecular weight polar organic interferences from sample extracts. One limitation for this cleanup method is that recoveries for the most polar compounds, endosulfan sulfate and endrin aldehyde in particular, will be lower. Florisil has been observed to remove the compound kepone and is not used where the determination of kepone is required. Instructions for performing Florisil cleanups can be found in SOP DV-OP-0007 *Concentration and Clean-up of Organic Extracts*. An NCM which indicates the lot number of the materials used for cleanup is provided whenever a cleanup procedure is used.

5.0 Safety

Employees must abide by the policies and procedures in the Environmental Health and Safety Manual, Radiation Safety Manual and this document.

This procedure may involve hazardous material, operations and equipment. This SOP does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of the method to follow appropriate safety, waste disposal and health practices under the assumption that all samples and reagents are potentially

hazardous. Safety glasses, gloves, lab coats and closed-toe, nonabsorbent shoes are a minimum.

5.1 Specific Safety Concerns or Requirements

5.1.1 Eye protection that satisfies ANSI Z87.1, laboratory coat, and nitrile gloves must be worn while handling samples, standards, solvents, and reagents. Disposable gloves that have been contaminated must be removed and discarded; non-disposable gloves must be cleaned immediately.

5.1.2 The gas chromatograph contains zones that have elevated temperatures. The analyst needs to be aware of the locations of those zones, and must cool them to room temperature prior to working on them.

5.1.3 There are areas of high voltage in the gas chromatograph. Depending on the type of work involved, either turn the power to the instrument off, or disconnect it from its source of power.

5.1.4 The ECD contains a ^{63}Ni radioactive source. All ^{63}Ni sources shall be leak tested every six months, or in accordance with the facility's radioactive material license. All ^{63}Ni sources shall be inventoried every six months. If a detector is missing, the Radiation Safety Officer shall be immediately notified and a letter sent to the Colorado Department of Public Health and Environment. Follow the proper procedures and precautions for the safe handling of radioactive materials when handling the ECDs in the event that leakage may have occurred.

5.1.5 As a safety precaution, all standards, samples, and extracts are handled in an approved fume hood.

5.2 Primary Materials Used

The following is a list of the materials used in this method, which have a serious or significant hazard rating. Note: This list does not include all materials used in the method. The table contains a summary of the primary hazards listed in the SDS for each of the materials listed in the table. A complete list of materials used in the method can be found in the reagents and materials section. Employees must review the information in the SDS for each material before using it for the first time or when there are major changes to the SDS.

Material	Hazards	Exposure Limit (1)	Signs and Symptoms of Exposure
Acetone	Flammable	1000 ppm (TWA)	Inhalation of vapors irritates the respiratory tract. May cause coughing, dizziness, dullness, and headache.
Hexane	Flammable Irritant	500 ppm (TWA)	Inhalation of vapors irritates the respiratory tract. Overexposure may cause lightheadedness, nausea, headache, and blurred vision. Vapors may cause irritation to the skin and eyes.
Methanol	Flammable Poison Irritant	200 ppm (TWA)	A slight irritant to the mucous membranes. Toxic effects are exerted upon nervous system, particularly the optic nerve. Symptoms of overexposure may include headache, drowsiness, and dizziness. Methyl alcohol is a defatting agent and may cause skin to become dry and cracked. Skin absorption can occur; symptoms may parallel inhalation exposure. Irritant to the eyes.
(1) Exposure limit refers to the OSHA regulatory exposure limit.			

6.0 Equipment and Supplies

6.1 An analytical system complete with a gas chromatograph and dual ECD (Ni-63) detectors is required. A data system capable of measuring peak area and/or height is required. The instruments typically used for this method are HP 6890 instrument C and HP 6890N for instruments P1 and P2.

6.2 An analytical balance capable of weighing to 0.01 g.

6.3 Computer Software and Hardware

Please refer to the master list of documents and software located on R:\QA\Read\Master List of Documents\Master List of Documents, Software and Hardware.xls or current revision for the current software and hardware to be used for data processing.

6.4 Columns

6.4.1 Primary Column: CLPI, 30 m X 0.32 mm id (used in instruments P1 and P2).

6.4.2 Secondary Column: CLPII, 30 m X 0.32 mm id (used in instruments P1 and P2).

6.4.3 Additional columns that can be used for confirmation include 30 m X 0.32 mm id RxiSil 35-MS or Rxi-XLB (used in instrument C).

6.5 Autosampler vials, crimp-top cap with PTFE-faced septa

6.6 Siltek Y-splitter or Siltek MXT connector, thermogreen septa, Siltek guard columns, ferrules, deactivated injection port liners (Agilent Ultra Inert, Siltek, or Sky liners all work well), Siltek glass wool, gold plated seals.

6.7 Microsyringes, various sizes, for standards preparation, sample injection, and

extract dilution.

6.8 Class A volumetric flasks various sizes.

7.0 Reagents and Standards

Reagent grade chemicals shall be used in all tests. Unless otherwise indicated, it is intended that all reagents shall conform to the specifications of the Committee on Analytical Reagents of the American Chemical Society, where such specifications are available. Other grades may be used, provided it is first ascertained that the reagent is of sufficiently high purity to permit its use without lessening the accuracy of the determination.

7.1 Reagents

7.1.1 Hexane, pesticide grade; each lot tested for purity prior to use per SOP CA-Q-S-001 *Acid and Solvent Lot Testing and Approval Program*.

7.1.2 Carrier gas, ≥ 99.99999% pure hydrogen or helium

7.1.3 Make-up gas, ≥ 99.99980% pure nitrogen

7.2 Standards Verification

All standards are subject to verification using a second-source standard before they are used for sample analysis. This process is described in SOP DV-QA-0015 *Verification and Storage of Chemical Standards and Reagents*.

7.3 Storage of Stock Standards

7.3.1 Standards are purchased from commercial vendors and are received as certified solutions in flame sealed ampoules. Neat stocks with applicable certification may also be used. Stock standards are stored refrigerated at ≤ 6 ºC. All stock standards must be protected from light. Stock standard solutions should be brought to room temperature before using.

7.3.2 Dilutions from stock standards cannot have a later expiration date than the date assigned to the parent stock solutions. Stock standards are monitored for signs of degradation or evaporation. The standards must be replaced at least every six months or sooner if comparison with check standards indicates a problem. Kepone in particular may demonstrate signs of degradation faster than the other compounds, and/or the expiration date. Endosulfan I and II appear to degrade in the presence of methanol. gamma-BHC appears to degrade in the presence of acetone.

7.4 Calibration Stock Standards

NOTE: The availability of the specific commercial standard solutions upon which the following sections are based may change at any time. As a result, it may be necessary to alter the dilution scheme presented herein to accommodate changes in stock standard concentrations. All such

changes are documented in the standards preparation records.

7.4.1 Routine Pesticide AB Mix Stock Standard, 2,000 µg/mL

The routine pesticide AB mix stock standard (**8081ABResPS**), Restek 32415, contains all of the "routine" single-component pesticides, as identified in Table 1 with the addition of Hexachlorobenzene at 100 µg/mL (**8081HCBStkPS**) (Accustandard APP-9-112), Mirex at 100 µg/mL (**8081MirxStkPS**)(Accustandard P-066S) and Isodrin at 1000 µg/mL (**8081IsodrinPS**) (Accustandard P471S-10x).

7.4.2 Surrogate B Mix Stock Standard, 200 µg/mL

The surrogate B mix stock standard (**AR_SURR_RES**) (Restek 32000) contains decachlorobiphenyl (DCB) and tetrachloro-*m*-xylene (TCMX).

7.4.3 Toxaphene Stock, 5000 µg/mL

The Toxaphene stock standard (**8081ToxPS**) (Restek 32071) contains a specific production mixture of Toxaphene. This mixture does not necessarily match all possible production mixtures that could be found in the environment. This can present problems for Toxaphene quantitation (see Section 12).

7.4.4 Chlordane Stock, 5000 µg/mL

The Chlordane stock (**8081ChlrStkPS**) (Restek 32072) contains Technical Chlordane (CAS# 12789-03-6).

7.4.5 Appendix IX Calibration Stock

The Appendix IX stock calibration mixture (**8081AP9StkPS**) (Accustandard S-6880 custom) contains the compounds at the concentrations listed in the following table. Propachlor at 1000 ug/mL is also added to the mixture (Accustandard P-215S-10x).

Appendix IX Calibration Stock Standard

Compound	Concentration (µg/mL)
2,4'-DDD	100
2,4'-DDE	100
2,4'-DDT	100
Chlorobenzilate	1,000
Chlorpyrifos	500
Diallate	10,000
Dicofol	1,000
Propachlor	1,000
Kepone	1,000
DBPP	5,000

7.4.6 Internal Standard stock

A commercially prepared stock standard solution is obtained that contains the internal standard 1-bromo-2-nitrobenzene in acetone, at a concentration of 1000 µg/mL. The current vendor is RESTEK catalog #32279, other vendors may be used.

7.4.7 Non-Routine Compounds

Other, non-routine compounds not listed in this section may be requested by a client and may be added to this procedure.

7.4.7.1 In these cases, all stock solutions will be obtained from commercial sources and will be verified with a second-source standard as described in Section 7.2 above.

7.4.7.2 Non-routine standards will be stored and treated as described in Section 7.3 above or as specified by the manufacturer.

7.4.7.3 Subsequent dilutions of specially requested compounds will be determined in a manner consistent with the client's recommendations for number of calibration points, inclusion of reporting limit, and concentration range adequate to represent the linearity of the instrument.

7.4.7.4 These specially requested, non-routine compounds either may be added to the dilution scheme used for routine compounds or may be prepared as a separate calibration.

7.4.7.5 All standards preparation for non-routine compounds shall be documented using the same method that is used for routine compounds.

7.5 Intermediate Level Calibration Standards

7.5.1 Routine Pesticide Mix C Intermediate Calibration Standard, 1.0 µg/mL (**8081ABCalStk**). The intermediate level calibration standard for routine pesticide compounds including Hexachlorobenzene and Mirex is prepared by diluting the AB (Section 7.4.1) and B (Section 7.4.2) mix stock standards in hexane to 100 mL final volume as follows (all compounds are the same final concentration):

Mix C Intermediate Calibration Standard

Stock AB mix (mL)	Stock B (mL)	Mirex & HCB (mL)	Isodrin (mL)	Final Concentration of Each Pesticide (µg/mL)
0.05	0.5	1.0	0.1	1.0

7.5.2 Appendix IX Intermediate Calibration Standard

The Appendix IX intermediate level calibration standard (**8081AP9CalStk**) is prepared by diluting 0.5 mL of the Appendix IX stock standard (Section 7.4.5) and 0.5 mL of propachlor stock with hexane to a final volume of 50 mL, which results in the following concentrations:

Appendix IX Intermediate Calibration Standard

Compound	Concentration (µg/mL)
2,4'-DDD	1.0
2,4'-DDE	1.0
2,4'-DDT	1.0
Chlorobenzilate	10.
Chlorpyrifos	5.0
DBPP	50.
Diallate	100.
Propachlor	10.
Dicofol	10.
Kepone	10.

7.6 Working Level Calibration Standards

7.6.1 Routine Pesticide AB Mix Working Level Calibration Standards

The following volumes of the 1.0 µg/mL Mix C intermediate standard (Section 7.5.1) are diluted to 100 mL with hexane to produce calibration standards at 6 concentration levels, as summarized in the following table:

AB Mix Working Level Calibration Standards

Level	Volume of Mix C Intermediate Std (mL)	Final Concentration (µg/mL)
1 (**8081IcalL1**)	0.4	0.0040
2 (**8081IcalL2**)	1.0	0.010
3 (**8081IcalL3**)	2.5	0.025
4* (**8081IcalL4**)	5.0	0.050
5 (**8081IcalL5**)	7.5	0.075
6 (**8081IcalL6**)	10	0.10

* *This level is used as the Continuing Calibration Verification (CCV) standard. As a result, it may be convenient to make a larger volume of this calibration level, by diluting 12.5 mL of the intermediate standard with hexane to a final volume of 250 mL.*

7.6.2 Toxaphene Working Level Calibration Standards

The following volumes of the 5000 µg/mL Toxaphene stock standard (Section 7.4.3) are diluted with hexane to the final volumes indicated in the following table:

Toxaphene Working Level Calibration Standards

Level	Volume of Stock Std (mL)	Final Volume (mL)	Final Concentration (µg/mL)
1 (**8081ToxL1**)	0.004	100	0.20
2 (**8081ToxL2**)	0.01	100	0.50
3 (**8081ToxL3**)	0.02	100	1.0
4 (**8081ToxCCVL4**)	0.1	250	2.0
5 (**8081ToxL5**)	0.1	100	5.0
6 (**8081ToxL6**)	0.2	100	10.0
Level 4 is used as the CCV standard when running a 5 pt curve.			

7.6.3 Chlordane Working Level Calibration Standards

A chlordane substock (**8081ChlrWSPS**) is prepared by diluting 0.200 mL of the stock described in section 7.4.4 to a final volume of 10 mL with hexane. The following volumes of the resulting 100 µg/mL Chlordane working stock standard are diluted with hexane to the final volume indicated in the following table:

Chlordane Working Level Calibration Standards

Level	Volume of Stock Std (mL)	Final Volume (mL)	Final Concentration (µg/mL)
1 (**8081ChlorL1**)	0.05	100.0	0.05
2 (**8081ChlorL2**)	0.2	100.0	0.20
3 (**8081ChlorL3**)	0.5	100.0	0.50
4* (**8081ChlorL4**)	1.0	100.0	1.0
5 (**8081ChlorL5**)	2.0	100.0	2.0
* *This level is used as the CCV standard.*			

7.6.4 Appendix IX Working Level Calibration Standards

The following volumes of the Appendix IX intermediate calibration standard (Section 0) are diluted with hexane to a final volume of 1.0 mL. The following table summarizes the final compound concentration ranges for each calibration level. The concentration for each compound at each level is given in Table 3.

Appendix IX Working Level Calibration Standards

Level	Volume of Intermediate Std (mL)	Final Compound Concentration Range (µg/mL)
1	Dilute 1ml Level 2 to 5 ml	0.001 - 0.10
2	0.005	0.005 – 0.50
3	0.010	0.01 - 1.0
4	0.025	0.025 - 2.5
5*	0.035	0.035 - 3.5
6	0.050	0.05 - 5.0
7	0.100	0.1 - 10
* *This level is used as the CCV. Because some compounds in this standard are not stable, it is not recommended to make extra volume of the level 5 standard.*		

7.7 Working Level Calibration Standards for the large volume injection (LVI) procedure

The standards for the LVI method can be prepared using the associated full volume standards described in the previous section 7.6 by mixing equal parts of standard and reagent grade hexane (a 2x dilution) or by simply substituting the appropriate standard from section 7.6 for the corresponding LVI standard that is at the same concentration. Likewise, the LVI standards can be prepared from stock materials. In any case the method of preparation will be completely documented in the standards preparation records. The tables below indicate a typical preparation protocol.

7.7.1 Routine Pesticide AB Mix Working Level LVI Calibration Standards

Calibration standards are prepared by diluting equal volumes of the corresponding calibration standard level from section 7.6.1 with hexane. Calibration standard Level 1 from section 7.6.1 is used to prepare calibration standard Level 1 for the LVI, etc.

AB Mix Working Level LVI Calibration Standards

Level	Volume of Corresponding Std Level (mL) from section 7.6.1 to 2mL final vol.	Final Concentration (µg/mL)
1	1.0	0.002
2	1.0	0.005
3	1.0	0.0125
4*	Use level 3 section 7.6.1	0.025
Level	**Volume of Corresponding Std Level (mL) from section 7.6.1 to 2mL final vol.**	**Final Concentration (µg/mL)**
5	1.0	0.0375
6	Use level 4 section 7.6.1	0.05
* *This level is used as the Continuing Calibration Verification (CCV) standard.*		

7.7.2 Toxaphene Working Level Calibration Standards

Calibration standards for LVI are prepared by diluting equal volumes of the corresponding standard level from section 7.6.2 with reagent hexane.

Toxaphene Working Level Calibration Standards

Level	Volume of Corresponding Std Level (mL) from section 7.6.2	Final Volume (mL)	Final Concentration (µg/mL)
1	1.0	2.0	0.1
2	1.0	2.0	0.25
3	Use Level 2	-	0.5
4	Use Level 3	-	1.0
5	1.0	2.0	2.5
6	Use Level 5	-	5.0
• *Level 4 is used as the CCV standard when running a 5 pt curve.*			

7.7.3 Chlordane Working Level LVI Calibration Standards

Calibration standards for LVI are prepared by diluting equal volumes of the corresponding standard level from section 7.6.3 with reagent hexane.

Chlordane Working Level LVI Calibration Standards

Level	Volume of Corresponding Std Level (mL) from section 7.6.3	Final Volume (mL)	Final Concentration (µg/mL)
1	1.0	2.0	0.025
2	1.0	2.0	0.1
3	1.0	2.0	0.250
4*	Use Level 3	-	0.5
5	Use Level 4	-	1.0
6	Use Level 5	-	2.0
* *This level is used as the CCV standard.*			

7.7.4 Appendix IX Working Level LVI Calibration Standards

Calibration standards for LVI are prepared in the same manner as for the dilution scheme presented in section 7.6.4 by using a 2x dilution of the Appendix IX intermediate calibration standard from section 7.5.2.

Appendix IX Working Level LVI Calibration Standards

Level	Volume of 2x dilution of Intermediate Std (mL)	Final Compound Concentration Range (µg/mL)
1	Dilute 1 ml of level 2 to 5 ml	0.0005 - 0.05
2	0.005	0.0025 – 0.25
3	0.010	0.005 – 0.5
4*	0.025	0.0125 – 1.25
5	0.035	0.0175 – 0.1.75
6	0.050	0.025- 2.5
7	0.100	0.05 - 5
* *This level is used as the CCV. Because some compounds in this standard are not stable, it is not recommended to make extra volume of the level 4 standard.*		

7.8 Second-Source Standards for Initial Calibration Verification (ICV)

The second-source stock standards are purchased from a vendor as different from the one that supplied the stock calibration standards.

7.8.1 Routine Pesticide AB Mix ICV Stock Standard, 2,000 µg/mL, (with Mirex at 100 µg/mL, Isodrin at 5000 ug/mL, HCB at 1000 ug/mL)

Commercial standards containing all single-component pesticide compounds are obtained from a vendor different from the one that supplied the calibration stock standard. The AB mix is prepared from a standard supplied from Restek (**8081ABResSS**) as a separate second source preparation cat # 32415.sec. Typically, the standards are obtained from Ultra Scientific standard EPA-1125 for Hexachlorobenzene (**8081HCBStkSS**), standard PST-720S for Mirex (**8081MirxStkSS**), and standard EPA-1131 for Isodrin (**8081IsodrinSS**).

The current toxaphene second source (**8081ToxSS**) is AccuStandard P-093S-H-10X and it is prepared by diluting 5 µL of the stock standard to 5 mL with hexane.

The current chlordane second source (**8081ChlrStkSS**) is prepared by Restek as a separate second source preparation cat# 32072.sec at a concentration of 5,000 µg/mL. A working substock (**8081ChlSSL3**) is prepared by diluting 0.2 mL of the stock to a final volume of 10 mL with hexane and the working standard is prepared by diluting 5 µL of the working substock standard to 10 mL with hexane.

7.8.2 Appendix IX ICV Stock Standard (8081AP9StkSS)

Commercial standards are obtained at the same concentrations as shown for the calibration stock standards in Section 7.4.5, but from a different vendor (typically Ultra Scientific standard CUS-14331). A second source for propachlor from Ultra PST-865M100A01 at 100 µg/mL is also added to this stock (**8081PropachSS**).

Compound	Concentration (µg/mL)
2,4'-DDD	10
2,4'-DDE	10
2,4'-DDT	10
Chlorobenzilate	100
Chlorpyrifos	50
DBPP	5,000
Diallate	1,000
Propachlor	100
Dicofol	100
Kepone	100

7.8.3 Surrogate ICV Stock Standards, 200 µg/mL

Commercial standards (typically Ultra Scientific standard ISM-320) are obtained containing decachlorobiphenyl (DCBP) and tetrachloro-*m*-xylene (TCMX).

7.8.4 ICV Intermediate Level Standards, 1.0 µg/mL

The ICV intermediate level calibration standard for routine pesticide compounds (**8081ABICVStk**) is prepared by diluting the AB, Hexachlorobenzene, and Mirex, and surrogate stock standards (Sections 7.8.1) with hexane to a final volume of 25 mL as summarized in the table below. All compounds in the intermediate standard are at the same final concentration, i.e., 1.0 µg/mL.

Second-Source ICV Intermediate Standard

Vol of AB (mL)	Vol of Mirex Stock (mL)	Vol of Isodrin (mL)	Vol of Surrogate Stock (mL)	Vol of HCB (mL)	Final Conc (µg/mL)
0.0125	0.25	0.005	0.125	0.025	1.0

7.8.5 Routine Pesticide ICV Working Level Standard, 0.025 µg/mL (8081ICVL3)

The working level ICV standard for the routine pesticide compounds is prepared by diluting the ICV intermediate standard (Section 7.8.4) in hexane follows:

Routine Pesticide Second-Source ICV Working Level Standard

Volume of Intermediate Standard (mL)	Final Volume (mL)	Final Concentration (µg/mL)
2.5	100	0.025

7.8.6 Appendix IX ICV Working Level Standard

The working level ICV standard for the Appendix IX compounds is prepared by diluting 0.0025 mL of the second-source Appendix IX stock standard (Section 7.8.2) and 0.0025 mL of the propachlor stock with hexane to a final volume of 1 mL. The following table lists the final concentration of each pesticide:

Appendix IX ICV Working Level Standard

Pesticide	Final Concentration (µg/mL)
2,4'-DDD	0.025
2,4'-DDE	0.025
2,4'-DDT	0.025
Chlorobenzilate	0.25
Chlorpyrifos	0.125
Diallate	2.5
Propachlor	0.25
Dicofol	0.25
Kepone	0.25

Note: The LVI method ICV can be prepared from the corresponding ICV from above by mixing equal parts of the ICV above with reagent hexane (a 2x dilution).

7.9 Continuing Calibration Verification (CCV) Standards

The level 4 AB mix working calibration standard (Section 7.6.1) and the level 4 Appendix IX working calibration standard (Section 7.6.4) are used as the CCV standards.

7.10 RL Standard

The lowest concentration calibration standard (i.e., Level 1) is used as the RL standard.

7.11 Laboratory Control Standard (LCS) Spike Solution, 0.5 µg/mL

The LCS working spike stock solution is prepared by diluting 0.25 mL of the AB mix stock standard Restek 32415 (2000 ug/mL) in acetone (see Section 7.4.1) to a final volume of 10 mL in a volumetric flask. The LCS spike solution is prepared fresh each week by diluting 0.5 mL of the LCS working spike stock to a final volume of 50 mL as summarized in the table below.

The LCS for batches of aqueous samples is prepared by adding 1.0 mL of the LCS spike solution to one liter of reagent water. The LCS for batches of soil samples is prepared by adding 1.0 mL of the LCS spiking solution to 30 g of Ottawa sand.

LCS Spiking Solution

Volume of AB Mix Stock (mL)	Conc of AB Mix Stock (µg/mL)	Final Volume (mL)	Final Concentration (µg/mL)
0.5	50	50	0.5

7.12 Matrix Spike (MS) Spike Solution, 0.5 µg/mL

The working matrix spike solution is the same as the LCS spike solution (Section 7.11). Matrix spikes (MS and MSD) are prepared by adding 1.0 mL of the working spike solution to one liter of an aqueous sample or to a 30-gram soil subsample.

7.13 Toxaphene Spike Solution, 2.0 µg/mL

7.13.1 A Toxaphene stock standard solution at a concentration of 1,000 µg/mL is purchased from commercial sources. This must be from a different source than is used for the initial calibration.

7.13.2 The working Toxaphene spike solution is prepared in a 500 mL volumetric flask by adding 1.0 mL of the stock solution (Section 7.13.1) and diluting to volume with acetone.

7.13.3 Aqueous LCSs are prepared by adding 1.0 mL of the Toxaphene spike solution (Section 7.13.2) to 1.0 liter of reagent water. Soil LCSs are prepared by adding 1.0 mL of the Toxaphene spike solution (Section 7.13.2) to 30 grams of Ottawa sand.

7.13.4 Aqueous MS/MSDs are prepared by adding 1.0 mL of the Toxaphene spike solution (Section 7.13.2) to 1.0 liter of the selected aqueous sample. Soil sample MS/MSDs are prepared by adding 1.0 mL of the Toxaphene spike solution (Section 7.13.2) to 30 grams of the selected soil subsample.

7.14 Surrogate Spike Solution, 0.2 µg/mL

7.14.1 The surrogate stock solution, containing 200 µg/mL each of decachlorobiphenyl and tetrachloro-*m*-xylene (TCMX), is purchased from commercial sources.

7.14.2 The working surrogate spike solution is prepared in a 500 mL volumetric flask by adding 0.5 mL of the stock solution (Section 7.14.1) and diluting to volume with acetone.

7.14.3 For aqueous sample batches, 1.0 mL of the surrogate spike solution (Section 7.14.2) is added to each one-liter sample and QC sample. For soil sample batches, 1.0 mL of the surrogate spike solution (Section 7.14.2) is added to each 30-gram soil subsample and QC sample matrix.

7.15 Column Degradation Mix (EVAL B) (8081EvalBStk2)

7.15.1 The DDT/Endrin breakdown stock standard solution is obtained from commercial sources, with endrin at a concentration of 200 µg/mL, and 4,4'-DDT at 200 µg/mL (Accustandard M-8081-DS).

7.15.2 The working EVAL B solution is prepared in a 100 mL volumetric flask, by diluting 0.2 mL of the stock solution (Section 7.15.1) in hexane, as summarized in the following table:

Column Degradation Mix (Eval B Std) Spike Solution

Compound	Volume of Stock (mL)	Final Volume (mL)	Final Concentration (µg/mL)
Endrin	0.2	100	0.04
4,4'-DDT			0.04

7.16 Internal Standard Spiking Solution (8081_IS)

The spiking stock (BNB stock) at 2 µg/mL is prepared by diluting 0.2 mL of the commercial Internal Standard Stock from section 7.4.6 to a final volume of 100 mL in hexane. Every standard, QC sample, and client sample is spiked with 15 µL of the internal standard spiking solution into 0.20 mL. This produces a concentration of 0.150 ng/mL of internal standard in each sample. For the LVI method use half of the volume of internal standard spike (7.5 µL).

7.17 Primer Mix

The concentration of the column primer mix is not critical. It generally consists of a mixture of CCV, old ICAL standards, and/or old soil LCS extracts. The primer mix is used to initialize the column and does not affect calibration or quantitation.

8.0 Sample Collection, Preservation, Shipment and Storage

8.1 Water samples are collected in pre-cleaned, amber glass bottles fitted with a Teflon-lined cap. To achieve routine reporting limits, a full one liter of sample is required. Additional one-liter portions are needed to satisfy the requirements for matrix spikes and duplicate matrix spikes. For the LVI option 250 mL of sample is needed.

8.2 Soil samples are collected in 8-ounce, pre-cleaned, wide-mouth jars with a Teflon-lined lid.

8.3 Samples are stored at ≤ 6 °C and not frozen.

8.4 Extracts are refrigerated at ≤ 6 °C.

Matrix	Sample Container	Min. Sample Size	Preservation	Extraction Holding Time	Analysis Holding Time	Reference
Waters	Amber glass	1 Liter 250 mL (for LVI)	Cool, <6°C, not frozen	7 Days	40 Days from extraction	SW-846
Soils	Glass	30 grams	Cool, <6°C, not frozen	14 Days	40 Days from extraction	SW-846

9.0 Quality Control

9.1 The minimum quality controls (QC), acceptance criteria, and corrective actions are described in this section. When processing samples in the laboratory, use the LIMS Method Comments to determine specific QC requirements that apply.

9.1.1 The laboratory's standard QC requirements, the process of establishing control limits, and the use of control charts are described more completely in Eurofins Denver policy DV-QA-003P *Quality Assurance Program*.

9.1.2 Specific QC requirements for Federal programs, e.g., Department of Defense (DoD), Department of Energy (DOE), etc., are described in Eurofins Denver policy DV-QA-024P *QA/QC Requirements for Federal Programs*. This procedure meets all criteria for DoD QSM unless otherwise stated. Any deviation or exceptions from QSM requirements must have prior approval in the project requirements.

9.1.3 Project-specific requirements can override the requirements presented in this section when there is a written agreement between the laboratory and the client, and the source of those requirements should be described in the project documents. Project-specific requirements are communicated to the analyst via Method Comments in the LIMS and the Quality Assurance Summaries (QAS) in the public folders.

9.1.4 Any QC result that fails to meet control criteria must be documented in a Nonconformance Memo (NCM). The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. This is in addition to the corrective actions described in the following sections.

9.2 Initial Performance Studies

Before analyzing samples, the laboratory must establish a method detection limit (MDL). In addition, an initial demonstration of capability (IDOC) must be performed by each analyst on an instrument he/she will be using. On-going proficiency must be demonstrated by each analyst on an annual basis. See Section 13.0 for more details on detection limit studies, initial demonstrations of capability, and analyst training and qualification.

9.3 Batch Definition

Batches are defined at the sample preparation stage. The batch is a set of up to 20 samples of the same matrix, plus required QC samples, processed using the same procedures and reagents within the same time period. Batches should be kept together through the whole analytical process as far as possible, but it is not mandatory to analyze prepared extracts on the same instrument or in the same sequence. The method blank must be run on each instrument that is used to analyze samples from the same preparation batch. See QC Policy DV-QA-003P *Quality Control Program* for further details.

9.4 Method Blank (MB)

At least one method blank must be processed with each preparation batch. The method blank for batches of aqueous samples consists of 1.0 liter of reagent water (the LVI method will require a 250 mL volume of reagent water), and for batches of soil samples, consists of 30 grams of Ottawa sand, both of which are free of any of the analyte(s) of interest. The method blank is processed and analyzed just as if it were a field sample.

Acceptance Criteria: The result for the method blank must be less than ½ of the reporting limit or less than 10% of the analyte concentration found in the associated samples, whichever is higher. When a compound is above ½ the reporting limit an NCM needs to be completed.

NOTE: All programs require that the maximum blank concentration must be less than one-half of the reporting limit or less than 10% of the lowest sample concentration.

Corrective Action: If target analytes in the blank exceed the acceptance limits, the source of the contamination must be investigated. All samples associated with an unacceptable method blank must be re-prepared and reanalyzed. If the analyte was <u>not</u> detected in the samples, then the data may be reported with qualifiers (check project requirements to be sure this is allowed) and it must be addressed in the project narrative.

See Policy DV-QA-003P *Quality Control Program* and Policy DV-QA-024P QA/QC *Requirements for Federal Programs* for further details.

9.5 Laboratory Control Sample (LCS)

At least one LCS must be processed with each preparation batch. For aqueous sample batches, the LCS consists of reagent water to which the analyte(s) of interest are added at a known concentration. For soil sample batches, the LCS consists of reagent sand to which the analyte(s) of interest are added at a known concentration. See Section 7.11 for the preparation of LCSs. The LCS is carried through the entire analytical procedure just as if it were a sample.

Acceptance Criteria: The recovery results for the LCS must fall within the established control limits. Control limits are set at ± 3 standard deviations around the historical mean. Where required, project-specific limits may be used in place of historical limits. Current control limits are maintained in the LIMS.

Note: For SC DHEC compliance samples, LCS recoveries must fall within 70-130%

When there are more than 11 analytes in the LCS, then NELAC allows a specified number of results to fall beyond the LCS control limit (3 standard deviations), but within the marginal exceedance (ME) limits, which are set at ± 4 standard deviations around the mean of historical data. The number of marginal exceedances is based on the number of analytes in the LCS, as shown in the following table:

# of Analytes in LCS	# of Allowed MEs
> 90	5
71 – 90	4
51 – 70	3
31 – 50	2
11 – 30	1
< 11	0

If more analytes exceed the LCS control limits than is allowed, or if any analyte exceeds the ME limits, the LCS fails and corrective action is necessary. Marginal exceedances must be random. If the same analyte repeatedly fails the LCS control limits, it is an indication of a systematic problem. The source of the error must be identified and corrective action taken.

Note: Some programs (e.g., South Carolina) do not allow marginal exceedances. Please see the QAS's in the public folders for the current requirements.

Corrective Action: If LCS recoveries are outside of the established control limits, and the MS/MSD recoveries are also out of control limits then the system is out of control and corrective action must occur. If recoveries are above the upper control limit and the analyte(s) of interest is not detected in samples, the data may be reported with qualifiers (check project requirements to be sure this is allowed) and it must be addressed in the project narrative. In other circumstances, the entire batch must be re-prepared and reanalyzed. If instrument maintenance and recalibration is performed and the LCS is reanalyzed as a corrective action for out of control LCS then all of the associated samples in the batch must also be reanalyzed.

9.6 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

One MS/MSD pair should be processed with each preparation batch. If sufficient sample is not available for an MS/MSD then a duplicate LCS should be prepared to establish precision. For DoD QSM, the MS/MSD must be from the project site and if insufficient sample is available to analyze the MS/MSD pair, this is documented in an NCM but no LCSD is performed. A matrix spike (MS) is a field sample to which known concentrations of target analytes have been added. It is prepared in a manner similar to the LCS, but uses a real sample matrix in place of the blank matrix. A matrix spike duplicate (MSD) is a second aliquot of the same sample (spiked exactly as the MS) that is prepared and analyzed along with the sample and matrix spike. Refer to Section 7.12 for preparation of matrix spikes. Some programs allow spikes to be reported for project-related samples only. Samples identified as field blanks cannot be used for the MS/MSD analysis.

Acceptance Criteria: The MS and MSD recoveries and the relative percent difference (RPD) between the MS and MSD results must be within the established control limits. Percent recovery control limits are set at ± 3 standard deviations around the historical mean of the LCS recovery data, unless otherwise dictated by the client or project. The RPD control limit is set at 3 standard deviations above the mean of the historical data.

NOTE: DOD QSM limits apply to projects performed under this program.

Corrective Actions: The information obtained from MS data are sample/matrix specific and are not normally used to determine the validity of the entire batch. If the MS and/or MSD recovery falls outside of the established control limits, the bracketing and batch LCS recoveries must be within control limits in order to accept results for the associated samples. The

following corrective actions are required for MS/MSD recovery failures to rule out lab error:

- Check calculation and instrument performance;
- Verify, if possible, that the MS and MSD were spiked correctly (e.g., very low or very high recoveries);
- Consider objective evidence of matrix interference (e.g., heterogeneous sample, interfering peaks seen on chromatograms, or interference demonstrated by prior analyses);
- Flag the data for any results outside of acceptance limits.
- For any single RPD failure, check calculations; verify, if possible, that the MS and MSD were spiked correctly; check instrument performance; consider objective evidence of matrix interference or sample inhomogeneity; and flag the data.
- If both the parent sample and associated matrix spike results are over range the parent and the spikes shall be diluted by the same amount and the results from the reanalysis reported for both. If the analyte concentration in the parent sample is greater than four times the concentration of spike added, then spike recovery results are not compared to control limits, and the recovery is either reported as “NC” (not calculated) or with a qualifier flag to indicate that the spike was less than four times the analyte concentration in the sample. If the dilution will cause the spike to be less than two times the reporting limit, the MS/MSD do not need to be diluted and the recovery reported as “NC” (not calculated).
- For MS/MSD that serve as batch QC, if the parent sample result is within the calibration range and the MS/MSD results are above the calibration range, the results are reported with the MS/MSD result being flagged as an over-range measurement (e.g., the E-flag qualifier).
- If the MS/MSD are client requested, the parent sample result is within calibration range and the MS/MSD results are above the calibration range, the sample and spike should be diluted, keeping in mind that we need to assess whether or not the dilution will best serve the client’s needs. Consult with the PM as needed. Both the parent sample and MS/MSD samples must have the same dilution

factor. Some EDDs do not accept data that are at different dilution factors.

- If the native analyte concentration in the MS/MSD sample exceeds 4 times the spike level for that analyte, the recovery data are reported as NC (i.e., not calculated) and the appropriate qualifier flags are added.

NOTE: See Denver Policy Memorandum P16-001 and Corporate Policy Memorandum CA-Q-QM-013 for more detail.

NOTE: Some client programs require reanalysis to confirm matrix interferences. Check special project requirements for this corrective action.

9.7 Surrogate Spikes

Every calibration standard, field sample, and QC sample (i.e., method blank, LCS, LCSD, MS, and MSD) is spiked with DCB and TCMX surrogate compounds. Refer to Section 7.14 for preparation of the surrogate spike solution.

Acceptance Criteria: The recovery of each surrogate must fall within established statistical limits, which are set at ± 3 standard deviations around the historical mean.

Corrective Action: If surrogate recoveries in the method blank are outside the established limits, verify calculations, standard solutions, and acceptable instrument performance. High surrogate recoveries in the blank might be acceptable if the surrogate recoveries for the field samples and other QC samples in the batch are acceptable. Low surrogate recoveries in the blank require re-preparation and reanalysis of the associated samples, unless sample surrogate recoveries are acceptable and targeted compounds are not detected.

For field samples, surrogate recoveries are usually calculated and reported for DCB only. TCMX may also be added. If two surrogate compounds are analyzed and recoveries calculated, and either surrogate fails to meet acceptance criteria, corrective actions are required. (This also applies to programs that require the use of only one surrogate.) At least one surrogate must pass on any column from which target analytes are identified and reported or corrective action must be identified.

If surrogate recoveries fail, verify calculations, standard solutions, and acceptable instrument performance. High recoveries may be due to a co-eluting matrix interference,

which can be confirmed by examining the sample chromatogram, or due to the sample concentrating due to evaporation or improper adjustment of the final extract volume. Low recoveries may be due to adsorption by the sample matrix (i.e., clay particles, peat or organic material in the sample). Recalculate the data and/or reanalyze the extract if the checks reveal a problem.

If matrix interference is not obvious from the initial analysis, it is necessary to re-prepare / reanalyze a sample only once to demonstrate that poor surrogate recovery is due to a matrix effect, as long as it can be shown that the analytical system was in control. All out of control surrogates and associated corrective actions must be documented in an NCM.

9.8 Internal Standard

Acceptance Criteria: The internal standard recoveries for the opening CCVs for each 12 hour sequence must be within -50% to +100% of the response established by the midpoint of the ICAL. The internal standard response for the samples is compared to the most recent (preceding) calibration standard and must be within -50% and +100% of the response measured for that standard.

The internal standard in the must elute within 30 sec of the retention time window measured in the midlevel initial calibration point in the CCV and within 30 sec of the retention time of the initial CCV in the sequence in samples.

Corrective Action: If the internal standard response is outside of this range then the samples must be diluted until the recoveries are in control. Failure to meet this criteria in a CCV requires reanalysis of the standard and all affected samples analyzed in the bracket previous to the standard and after the standard. Recalibration is necessary if control cannot be established.

10.0 Calibration and Standardization

10.1 Eurofins Denver gas chromatograph instrument systems are computer controlled to automatically inject samples and process the resulting data.

10.1.1 Detailed information regarding calibration models and calculations can be found in Corporate SOP CA-Q-P-003 *Calibration Curves and the Selection of Calibration Points* and under the public folder, *Arizona Calibration Training.*

10.1.2 Use the ChemStation chromatography data system to set up GC conditions for calibration. See Table 2 for typical operating conditions.

10.1.3 Transfer calibration standard solutions into autosampler vials and load into the GC autosampler. Use the ChemStation software to set up the analytical sequence.

10.1.4 Unprocessed calibration data are transferred to the Chrom database for processing. After processing the calibration data, print the calibration report and review it using the calibration review checklist, GC and HPLC ICAL TALS Review Checklist. (See SOP DV-QA-0020 *Data Review*.) Submit the calibration report to a qualified peer or the group leader for final review. The completed calibration review checklist is stored in the documents section of each analytical batch in TALS.

10.2 Column Degradation Evaluation

10.2.1 Each day of operation before any calibration or calibration verification standards are analyzed and at the beginning of each 12-hour shift, the column degradation evaluation mix (EVAL B) must be analyzed. The degradation check must be performed whether or not DDT, endrin, or degradation compounds are designated as target analytes. The purpose of the evaluation is to determine whether instrument/column maintenance is needed. The preparation of this standard is described in Section 7.15.

10.2.2 The results of the analysis of the EVAL B standard solution are used to calculate column degradation in terms of DDT percent breakdown (%B) and Endrin %B as follows:

$$\text{DDT } \%B = \frac{A_{DDD} + A_{DDE}}{A_{DDD} + A_{DDE} + A_{DDT}} \times 100\% \qquad \textit{Equation 1}$$

Where A_{DDD}, A_{DDE}, and A_{DDT} are the peak responses for 4,4'-DDD, 4,4'-DDE, and 4,4'-DDT, respectively, in the EVAL B chromatogram.

$$\text{Endrin } \%B = \frac{A_{EK} + A_{EA}}{A_{EK} + A_{EA} + A_{E}} \times 100\% \qquad \textit{Equation 2}$$

Where A_{EK}, A_{EA}, and A_{E} are the peak responses for endrin ketone, endrin aldehyde, and endrin, respectively, in the EVAL B chromatogram.

10.2.3 Acceptance Criteria

The %B for each of these two compounds, DDT and endrin, must not be greater than 15%.

10.2.4 Corrective Action

If the breakdown of DDT and/or endrin exceeds the 15% limit, corrective action must be taken. This action may include any or all of the following:

- Replacing the injection port liner or the glass wool.
- Cutting off a portion of the injection end of the column or guard column.
- Replacing the GC column or guard column
- Replacing the y-splitter.

After taking the appropriate corrective action, the degradation evaluation standard must be reanalyzed and must pass acceptance criteria before conducting any calibration events.

10.3 The laboratory uses six calibration levels (as shown in Table 3) for the single-component pesticides. The lowest point on the calibration curve is at or below the reporting limit (RL). The highest standard defines the highest sample extract concentration that may be reported without dilution. The preparation of the calibration standards is described in Section 7.6.

10.4 All initial calibration points must be analyzed without any changes to instrument conditions, and all points must be analyzed within 24 hours.

10.5 Calibration for the multi-peak component analytes, Toxaphene and Technical Chlordane, begins with a single-point calibration at or near the RL. If any multi-peak components are found to be present in the samples, a calibration for the multi-component analyte(s) is conducted with a minimum of five calibration levels. The samples are then reanalyzed using the full calibration curve that brackets the quantitation range.

10.6 Generally, it is NOT acceptable to remove points from a calibration. If calibration acceptance criteria are not met, the normal corrective action is to examine conditions such as instrument maintenance and accuracy of calibration standards. Any problems found must be fixed and documented in the run log or maintenance log. Then the calibration standard(s) must be reanalyzed.

10.7 If no problems are found or there is documented evidence of a problem with a calibration point (e.g., obvious mis-injection explained in the run log), then one point might be rejected, but only if all of the following conditions are met:

10.7.1 The rejected point is the highest or lowest on the curve, i.e., the remaining points used for calibration must be contiguous; and

10.7.2 The lowest remaining calibration point is still at or below the project reporting limit; and

10.7.3 The highest remaining calibration point defines the upper concentration of the working range, and all samples producing results above this concentration are diluted and reanalyzed; and

10.7.4 The calibration must still have the minimum number of calibration levels required by the method, i.e., five levels for calibrations modeled with average response factors or linear regressions, or six levels for second-order curve fits.

10.8 If a data point is rejected, it must be documented in the sequence log and on an NCM which is filed with the project.

NOTE: Second order curves are not allowed for South Carolina work.

10.9 Internal Standard Calibration

Internal standard calibration involves the comparison of an instrument response (e.g., peak area or peak height) from the target compound in the sample to the response of the internal standard compound, which is added to the sample or sample extract prior to injection. See section 7.4 for the internal standards used. The same concentration of internal standard is added to each initial calibration standard. For each calibration level, the response factor, RF, is calculated as follows:

$$RF = \frac{A_s \times C_{is}}{A_{is} \times C_s}$$ *Equation 1*

Where:

A_s = Peak area (or height) of the analyte or surrogate.
A_{is} = Peak area (or height) of the internal standard.
C_s = Concentration of the analyte or surrogate, in µg/L.
C_{is} = Concentration of the internal standard, in µg/L.

10.10 Establishing the Calibration Function

Calibrations are modeled either as average response factors or as linear regression curves, using a systematic approach to select the optimum calibration function. Start with the simplest model, i.e., a straight line through the origin and progress through the other options until calibration acceptance criteria are met.

10.10.1 Linear Calibration Using Average Response Factor

The response factor is a measure of the slope of the calibration line, assuming that the line passes through the origin. Under ideal conditions, the factors calculated for each calibration level will not vary with the concentration of the standard. In practice, some variation can be expected. When the variation, measured as the relative standard deviation, is relatively small (e.g., ≤ 20%), the use of the straight line through the origin model is generally appropriate.

10.10.1.1 The average response factor is calculated as follows:

$$\overline{RF} = \frac{\sum_{i=1}^{n} RF_i}{n}$$

Equation 2

Where:

RF_i = The response factor for the ith calibration level.

n = The number of calibration levels.

10.10.1.2 The relative standard deviation (RSD) is calculated as follows:

$$RSD = \frac{SD}{\overline{RF}} \times 100\%$$

Equation 3

Where SD is the standard deviation of the average RF, which is calculated as follows:

$$SD = \sqrt{\frac{\sum_{i=1}^{n}\left(RF_i - \overline{RF}\right)^2}{n-1}}$$

Equation 4

10.10.2 Evaluation of the Average Response Factor

Plot the calibration curve using the average RF as the slope of a line that passes through the origin. Examine the residuals, i.e., the difference between the actual calibration points and the plotted line. Particular attention should be paid to the residuals for the highest points, and if the residual values are relatively large, a linear regression should be considered.

Acceptance Criteria: The RSD must be ≤ 20%. SW-846 Method 8000B allows evaluation of the grand average across all compounds, but some programs (e.g., DoD, Arizona and South Carolina require evaluation of each compound individually). Check project requirements.

Corrective Action: If the RSD exceeds the limit, linearity through the origin cannot be assumed, and a least-squares linear regression should be attempted.

10.10.3 Linear Calibration Using Least-Squares Regression

Calibration using least-squares linear regression produces a straight line that does not pass through the origin. The calibration relationship is constructed by performing a linear regression of the instrument response

(peak area or peak height) versus the concentration of the standards. The instrument response is treated as the dependent variable (y) and the concentration as the independent variable (x). The regression produces the slope and intercept terms for a linear equation in the following form:

$$y = ax + b \qquad \text{Equation 5}$$

Where:

y = Instrument response (peak area or height).
x = Concentration of the target analyte in the calibration standard.
a = Slope of the line.
b = The y-intercept of the line.

For an internal standard calibration, the above equation takes the following form:

$$\frac{A_s C_{is}}{A_{is}} = aC_s + b \qquad \textit{Equation 6}$$

To calculate the concentration in an unknown sample extract, the regression equations 5 and 6 are solved for concentration, resulting in the following equations, where x and C_s are now the concentration of the target analyte in the unknown sample extract:

$$x = \frac{y - b}{a} \qquad \textit{Equation 7}$$

$$C_s = \frac{\left[\frac{A_s C_{is}}{A_{is}} - b\right]}{a} \qquad \textit{Equation 8}$$

10.10.4 Evaluation of the Linear Least-Squares Regression Calibration Function

With an unweighted linear regression, points at the lower end of the calibration curve have less weight in determining the curve than points at the high concentration end of the curve. For this reason, inverse weighting of the linear function is recommended to optimize the accuracy at low concentrations. Note that the August 7, 1998 EPA memorandum “Clarification Regarding Use of SW-846 Methods”, Attachment 2, Page 9, includes the statement “The Agency further recommends the use of this for weighted regression over the use of an unweighted regression.”

Acceptance Criteria: To avoid bias in low level results, the absolute value of the y-intercept must be significantly less than the reporting limit (RL), and preferably less than the MDL.

Also examine the residuals, but with particular attention to the residuals at the bottom of the curve. If the intercept or the residuals are large, the calibration should be repeated since a higher order regression is not allowed for this method.

The linear regression must have a correlation coefficient (r) ≥ 0.99. DoD QSM requires r^2 >0.99.

Corrective Action: If the correlation coefficient falls below the acceptance limit, the linear regression is unacceptable and the calibration should be repeated since a higher order regression is not allowed for this method.

10.10.5 Non-Linear Calibration

When the instrument response does not follow a linear model over a sufficiently wide working range, or when the previously described calibration approaches fail acceptance criteria, a non-linear, second-order calibration model may be employed. The second-order calibration uses the following equation:

$$y = ax^2 + bx + c \qquad \textit{Equation 9}$$

Where a, b, and c are coefficients determined using a statistical regression technique; y is the instrument response; and x is the concentration of the target analyte in the calibration standard.

Non-Linear calibrations are NOT allowed for South Carolina compliance work

10.10.6 Evaluation of Second-Order Regression Calibration

A minimum of six points must be used for a second-order regression fit.

Acceptance Criteria: The coefficient of determination (COD) must be (r^2) ≥ 0.990.

Second-order regressions should be the last option, and note that some programs (e.g., South Carolina) do not allow the use of second-order regressions. A second order model must not be used to avoid maintenance. Before selecting a second-order regression calibration model, it is important to ensure the following:

- The absolute value of the intercept is approximately < one-half of the lowest concentration standard reported.

- The response increases significantly with increasing standard concentration (i.e., the instrument response does not plateau at high concentrations).
- The distribution of concentrations is adequate to characterize the curvature.

Corrective Action: If the coefficient of determination falls below the acceptance limit and the other calibration models are unacceptable, the source of the problem should be investigated and the instrument recalibrated.

10.10.7 Polynomial regression fits of third order or higher are not allowed for this method.

10.10.8 Acceptance criteria independent of calibration model

10.10.8.1 Either of the procedures Percent Error or Relative Standard Error (RSE) may be used to determine calibration function acceptability for linear and non-linear curves. Both evaluate the difference between the measured and the true amounts or concentrations used to create the model.

$$\% \, Error = \frac{xi - x'i}{xi} x \, 100$$

Where: $x'i$ = measured amount of the analyte at calibration level *i* in mass or concentration units and xi = the true amount of the analyte at calibration level *i* in mass or concentration units.
% Error should be ≤ 30%. For some data uses ≤ 50% may be acceptable for the lowest calibration point.

Calculation of Relative Standard Error:

$$RSE = 100 \, x \sqrt{\sum_{i=1}^{n} \left[\frac{x_i' - x_i}{x_i} \right]^2 \Big/ (n-p)}$$

Where: *Xi* = True amount of the calibration level I, in mass or concentration units
X'i = measured amount of analyte in calibration level I, in mass or concentration units
p = number of terms in the fitting equation (average = 1), linear – 2, quaratic – 3)
n = number of calibration points
RSE acceptance criteria for the calibration model is the same as the RSD limit for CF or RF in the determinative method. IF not defined in the method, use ± 20%.

10.11 Initial Calibration Verification (ICV), 0.025 µg/mL for most compounds

A mid-level standard that is obtained from a source different from that of the calibration standards (second-source standard) is used to verify the initial calibration (see Section 7.8). The ICV standard is analyzed immediately following the initial calibration (ICAL).

Acceptance Criteria: The result for the target analyte(s) in the ICV standard must be within ± 15% for Method 8081A and ± 20% of the expected value(s) for Method 8081B.

Corrective Action: If the applicable criteria is not achieved, the ICV standard, calibration standards, and instrument operating conditions should be checked. Correct any problems and rerun the ICV standard. If the ICV still fails to meet acceptance criteria, then repeat the ICAL.

10.12 Calibration Verification

10.12.1 12-Hour Calibration Verification

NOTE: It is not necessary to run a CCV standard at the beginning of the sequence if samples are analyzed immediately after the completion of the initial calibration.

10.12.1.1 Continuing Calibration Verification (CCV), 0.05 µg/mL for most compounds.

NOTE: Arizona and Wisconsin require that the CCV concentration be varied throughout the sequence when calibration fits other than average response are used.

It may be appropriate to analyze a mid-level standard more frequently than every 12 hours. The mid-level calibration standard is analyzed as the continuing calibration verification (CCV) standard (see Section 7.9).

At a minimum, this is analyzed after every 12 hours. Some programs (e.g., DOD) require analysis of a bracketing CCV which must be analyzed within 12 hours of the DDT/Endrin breakdown standard.

If 12 hours elapse, analyze the 12-hour standard sequence instead (including the Column Degradation Evaluation). Depending upon the program a closing CCV is not required when using an internal standard. DoD and Arizona require a bracketing CCVs.

Note: For Dod projects, the 12hr set of samples must also include a closing CCV within± 20%

10.12.2 RL Standard

It may also be appropriate to analyze a standard prepared at or very near the reporting limit (RL) for the method at the end of the analytical sequence, as a minimum (see Section 7.10). This standard can be used to rule out false negatives in client samples in cases where the %D for one or more of the analytes in a bracketing CCV falls below the lower acceptance limit. The results for the RL standard are not evaluated unless the previous CCV fails acceptance criteria.

10.12.3 Acceptance Criteria for Continuing Calibration Verification (CCV)

10.12.3.1 Detected Analytes (≥ RL)

For any analyte detected at or above the reporting limit (RL) in client samples, the percent difference (%D) for that analyte in the preceding and following CCVs (i.e., bracketing/closing CCVs for DoD or Arizona samples) or 12-hour calibration must be within ± 15% for Method 8081A and ± 20% for Method 8081B and DoD using method 8000C criteria as a reference.

DoD QSM requires recalibration and reanalysis of all affected samples since the last acceptable CCV. As an alternative, the laboratory may analyze two additional consecutive CCVs within one hour of the failed CCV. If both pass, the samples may be reported without reanalysis. If either fails, take corrective action(s) and recalibrate: then reanalyze all affected samples since the last acceptable CCV.

If a DoD client accepts Eurofins Denver's Technical Specifications for DoD QSM work, samples that have no detections when a CCV has recoveries above the project acceptance limits would be reported with a case narrative comment, in addition to applying any data qualifier flags required by the project.

In some cases, the nature of the samples being analyzed may be the cause of the failing %D. When the %D for an analyte falls outside of the CCV criteria stated above, and that analyte is detected in any or all of the associated samples, then those samples must be reanalyzed (at a dilution if column damage is imminent) to prove a matrix effect. If the drift is repeated in the reanalysis, the analyst must generate an NCM for this occurrence to explain that the drift was most likely attributable to the sample matrix and that the samples may be diluted and reanalyzed to minimize the effect if so desired by the client.

Refer to Section 12 for which result to report.

In cases where additional compounds are to be analyzed in conjunction with compounds defined by this method and that are not defined in the scope and application of method 8081A/B different CCV acceptance criteria may apply.

NOTE: Per the source method, Kepone is not recommended by method 8081A/B. Kepone will be identified as a poor performing analyte when analyzed by this method. The analyst will generate an NCM whenever the CCV is outside of +/- 20% for method 8081B and +/- 15% for method 8081A. No further corrective action will be taken. A RL standard prepared at or near the reporting limit will be used in the instance of a failing initial calibration. The analyst will generate an NCM. No further corrective actions will be taken.

The %D is calculated as follows:

$$\%D = \frac{\text{Measured Conc} - \text{Theoretical Conc}}{\text{Theoretical Conc}} \times 100 \qquad \textit{Equation 11}$$

10.12.3.2 Analytes Not Detected (< RL)

For any analyte not detected in client samples, the %D for that analyte in the opening and bracketing (for Dod and Arizona) CCVs should also be within ± 20% for Method 8081B or within 15% for Method 8081A. For method 8081B Test America Denver references method 8000C and 8000D for compounds with curve fits other than an average curve fit. See also DV-QA-027P Standardized CCV Criteria for GC and HPLC for further evaluation criteria. Any deviation for the calibration criteria outlined in this procedure must be documented in an NCM.

NOTE: The grand mean must not be applied when Method 8000C or 8000D is applicable (e.g., Arizona)

10.13 Retention Time Windows

10.13.1 Initial determination of Retention time windows.

10.13.1.1 The center of the retention time (RT) window shall be updated based on the middle level standard in the initial calibration or the first CCV in the daily analytical sequence, whichever is more recent.

10.13.1.2 Evaluate the deviation from expected retention time for each analyte in at least three CCV and/or LCS samples spread over at least 72 hours.

10.13.1.2.1 If three days of analytical data are not available, use a default RT window of 0.01 minute. At the end of the batch evaluate all CCVs and LCS in the batch. If necessary, widen the window such that all analytes fall within the RT window. Reprocess the batch using the new RT windows.

10.13.1.3 Multiply the maximum deviation by 1.5. This is the retention time window, unless the result is less than 0.01 min, in which case the window is set at 0.01 min. For example, if the maximum RT deviation for a specific analyte is 0.008 min, then the RT window is set at ± 0.012 min.

NOTE: For the multi-component analytes, for example Aroclors, Toxaphene and Technical Chlordane, the maximum deviation must be evaluated for each of the 3 to 6 major peaks used for sample calculations.

10.13.1.4 Retention time windows for analytes of interest must not overlap.

10.13.2 Ongoing evaluation of retention time windows

10.13.2.1 Evaluate the retention time windows on an ongoing basis. The center of the RT window is updated on the first CCV of the analytical sequence. All analytes for all subsequent CCVs, LCS and matrix spikes must fall within the retention time window (except as discussed below).

10.13.2.2 Matrix spike analytes may fall outside the retention time window if there is a large non-target peak coeluting with the analyte in the matrix spike.

10.13.2.3 If any analytes fall outside the retention time window in CCVs, LCS or matrix spikes (except as discussed above for matrix spikes) then the RT windows for those analytes shall be widened to the minimum degree required for the analyte to fall within the RT window. All samples in the batch shall be reprocessed with the new RT window, and the wider RT window shall remain in place for subsequent batches.

10.13.2.4 Retention time windows should be reliably narrower than ± 0.03 min. If RT windows wider than this are necessary, the instrument should be evaluated and maintenance performed as needed. Subsequent to maintenance, RT windows shall be narrowed to the extent that is consistent with the data obtained.

10.13.3 Determine new RT windows each time a new column is installed, after a major analysis revision or maintenance event, or annually, whichever is most frequent.

11.0 Procedure

11.1 One-time procedural variations are allowed only if deemed necessary in the professional judgment of supervision to accommodate variation in sample matrix, radioactivity, chemistry, sample size, or other parameters. Any variation in procedure shall be completely documented using an NCM. The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP # DV-QA-0031 *Non-Conformance and Corrective Action System*. The NCM shall be filed in the project file and addressed in the case narrative.

11.2 Any deviations from this procedure identified after the work has been completed must be documented in an NCM, with a cause and corrective action described.

11.3 Sample Preparation

11.3.1 Sample preparation for aqueous samples is described in SOP DV-OP-0006 *Extraction of Aqueous Samples by Separatory Funnel*.

11.3.2 Sample preparation for solid samples is described in SOPs DV-OP-0016 *Ultrasonic Extraction of Solid Samples* and DV-OP-0015 *Microwave Extraction of Solid Samples.*

11.3.3 Cleanup and concentration of sample extracts are described in SOP DV-OP-0007 *Concentration and Clean-up of Organic Extracts*. Note that it is highly recommended that all samples be check for sulfur and cleaned up if necessary before the samples are analyzed on the instrument. Sulfur can contaminate the column and hinder the quantification of certain compounds.

11.3.4 The final extract volume in hexane is 10 mL. The LVI method final volume is 5 mL.

11.3.5 Use hexane to dilute sample extracts, if necessary.

11.4 Instrument Maintenance and Troubleshooting

Before the start of any daily sequence the instrument system should be evaluated for possible maintenance. Typically for the 8081 analysis the injection port liner must be changed daily in order to facilitate a passing DDT/Endrin breakdown standard. If the previous run ended with a failing continuing calibration then the system should be maintained to bring it back into control. The injector septum should be changed after about 200 injections have been completed. If the last CCV that was analyzed indicated a high response then a simple liner change is typically sufficient to bring the system back into control. Analysis of a few solvent blanks or a system bake out may be necessary to drive out any residual contamination on the column. A reduced response may indicate that the system needs to be evaluated for leaks. Poor peak shape may necessitate clipping a loop out of the analytical column. If this fails to solve the peak shape problem then replacement of the columns may be indicated. The goal is to maintain the system as close to top condition as possible as was

observed when new columns and injector parts were installed. Re-calibration should not be used to correct for maintenance related issues. Always document any maintenance procedure in the maintenance logbook.

11.5 Gas Chromatography and Resolution

11.5.1 Chromatographic conditions for this method are presented in Table 2. Use the ChemStation interface to establish instrument operating conditions for the GC. Raw data obtained by the ChemStation software is transferred to the Chrom database for further processing. The data analysis method, including peak processing and integration parameters, calibration, RT windows, and compound identification parameters, is set up in the Chrom software.

11.5.2 The Pesticides Minimum Requirements states that there should be at least 80% resolution for a given analyte on at least one column. The chromatographic conditions must be set in a way to maintain this requirement.

11.6 Sample Introduction

All extracts and standards are allowed to warm to room temperature before injection. An autosampler is used to introduce samples into the chromatographic system by direct injection of 1 or 2 µL of the sample extract. Samples, standards, and QC samples must be introduced using the same procedure. Use the ChemStation interface to set up and run the analytical sequence. Sample injection and analysis are automated and may proceed unattended.

11.7 Analytical Sequence

An analytical sequence starts with a minimum five-level initial calibration (ICAL) or a daily calibration verification. Refer to Table 3 for the calibration levels used.

11.7.1 Prior to analyzing any calibration or calibration verification standards, the column degradation evaluation standard is injected and the results are evaluated as described in Section 10.2.

11.7.2 The daily calibration verification includes analysis of the 12-hour calibration sequence (Section 10.12.1) and updating the retention time windows (see Section 10.13).

11.7.3 If there is a break in the analytical sequence of greater than 12 hours, a new analytical sequence must be started with a daily calibration verification.

11.7.4 The following is a typical analytical sequence:

- Primer
- Hexane blank
- Eval B Std (column degradation evaluation)
- Daily initial CCVs

- LCS
- Method Blank
- Samples for up to 12 hours after the Eval B (or 20 injections of samples and QC samples, whichever is more frequent)
- CCVs (within 12 hours of Eval B Std for closing requirement*)
- Eval B Std (column degradation evaluation)
- Followed by 12 hour cycles of samples and CCVs as needed
- Closing CCV (if required by program).

*DoD requires that CCVs are analyzed every 10 field samples.

11.8 Daily Retention Time Windows

The centers of the retention time (RT) windows determined in Section 10.13 are adjusted to the RT of each analyte as determined in the 12-hour calibration verification. The centers of the RT windows must be updated at the beginning of each analytical sequence.

11.9 Manual Integration and Data Review

Upon completion of the analytical sequence, transfer the raw chromatography data to the CHROM database for further processing.

11.9.1 Review chromatograms online and determine whether manual data manipulations are necessary.

11.9.2 All manual integrations must be justified and documented. See DV-QA-011P *Acceptable Manual Integration Practices* requirements for manual integration.

11.9.3 Manual integrations may be processed using an automated macro, which prints the before and after chromatograms and the reason for the change, and attaches the analyst's electronic signature.

11.9.4 Alternatively, the manual integration may be processed manually. In the latter case, print both the before and after chromatograms and record the reason for the change and initial and date the after chromatogram. Before and after chromatograms must be of sufficient scale to allow an independent reviewer to evaluate the manual integration. The manually processed chromatograms must be scanned and attached to the project in TALS.

11.10 Compile the raw data for all the samples and QC samples in a batch. The analytical batch is defined as containing no more than 20 samples, which include field samples and the MS and MSD.

11.10.1 The data package should consist of the checklist, sequence(s), ICAL cover, ICAL summary and history used for data quantitation and the prep batch paperwork.

11.10.2 Perform a level 1 data review and document the review on the data review checklist, GC Data Review Checklist/Batch Summary (See SOP DV-QA-0020 *Data Review*.)

11.10.3 Submit the data package and review checklist to the Data Review Group for the level 2 review. All manual integrations must be evaluated by the peer reviewer and this review must be documented by date and initial on the level 2 review checklist. The level 2 review is documented on the review checklist initiated at the level 1 review. The data review process is explained in SOP DV-QA-0020 *Data Review*.

12.0 Calculations / Data Reduction

12.1 Qualitative Identification

12.1.1 Tentative identification of an analyte occurs when a peak is found on the primary column within the RT window for that analyte, at a concentration above the reporting limit, or above the MDL if qualified data (J flags) are to be reported. Identification is confirmed if a peak is also present in the RT window for that analyte on the second (confirmatory) column and if the analyte concentration is greater than the MDL. When confirmation is made using a second column, the analysis on the second column must meet all of the QC criteria for continuing calibration verification and RTs.

12.1.2 The experience of the analyst should weigh heavily in the interpretation of the chromatogram. For example, sample matrix or laboratory temperature fluctuation may result in variation of retention times. If a RT shift greater than the RT window occurs for a reported compound the situation must be explained in an NCM.

12.2 Dual-Column Quantitation and Reporting

12.2.1 A primary column is designated. The result from the primary column is normally reported. If the continuing calibration verification fails on one of the columns, the appropriate corrective action must be taken. The result from the secondary (confirmation) column may be reported if either of the following possibilities are true:

12.2.1.1 There is obvious chromatographic interference on the primary column.

12.2.1.2 The result on the primary column is > 40% greater than the result on the secondary column.

12.2.2 For DoD QSM work, calibration and QC criteria for the second column are the same as for the initial or primary column analysis.

12.2.3 Dual Column Results With >40% RPD

12.2.3.1 If the relative percent difference (RPD) between the responses on the two columns is greater than 40%, the higher

of the two results is reported unless there is obvious interference documented on the chromatogram.

12.2.3.2 If there is visible positive interference, e.g., co-eluting peaks, elevated baseline, etc., for one column and not the other, then report the results from the column without the interference with the appropriate data qualifier flag, footnote, and/or narrative comment in the final report.

12.2.3.3 If there is visible positive interference for both columns, then report the lower of the two results with the appropriate flag, footnote, and/or narrative comment in the final report.

12.2.3.4 The RPD between two results is calculated using the following equation:

$$RPD = \frac{|R_1 - R_2|}{\frac{1}{2}(R_1 + R_2)} \times 100\% \qquad \textit{Equation 14}$$

Where R_1 is the result for the primary column and R_2 is the result for the confirmation column.

12.3 Multi-Component Analytes (Toxaphene and Technical Chlordane)

12.3.1 Qualitative Identification

Retention time windows are also used for identification of multi-component analytes, but the “fingerprint” produced by major peaks of those compounds in the standard is used in tandem with the retention times to identify the compounds. The ratios of the areas of the major peaks are also taken into consideration. Identification of these compounds may be made even if the retention times of the peaks in the sample fall outside of the retention time windows of the standard, if in the analyst’s judgment the fingerprint (retention time and peak ratios) resembles the standard chromatogram.

12.3.2 Quantitation of Toxaphene

12.3.2.1 While Toxaphene contains a large number of compounds that produce well resolved peaks in a GC/ECD chromatogram, it also contains many other components that are not chromatographically resolved. The unresolved complex mixture results in a "hump" in the chromatogram that is characteristic of the Toxaphene mixture of compounds. The resolved peaks are important for the identification of the mixture, and the area of the unresolved complex mixture contributes a significant portion of the area of the total response.

12.3.2.2 To measure total area, construct the baseline of Toxaphene in the sample chromatogram between the RTs of the first and last eluting Toxaphene components in the standard. In order to use the total area approach, the pattern in the sample chromatogram must be compared to that of the standard to ensure that all of the major components in the standard are present in the sample. Otherwise, the sample concentration may be significantly underestimated.

12.3.2.3 Toxaphene may also be quantitated on the basis of 4 to 6 major peaks. Using a subset of 4 to 6 peaks for quantitation provides results that agree well with the total peak approach and may avoid difficulties when interferences with Toxaphene peaks are present in the early portion of the chromatogram from compounds such as DDT. Construct the baseline as outlined in 12.3.2.2.

12.3.2.4 When Toxaphene is determined using the 4 to 6 peaks approach, care must be taken to evaluate the relative areas of the peaks chosen in the sample and standard chromatograms. The laboratory typically uses 5 peaks.

12.3.2.5 The chosen peaks must be within the established retention time. If there is an interference that affects the accuracy of results, the analyst may use as few as 4 major peaks. The same peaks that are used for sample quantitation must be used for calibration.

12.3.2.6 The heights or areas of the chosen peaks should be summed together and averaged to determine the Toxaphene concentration. Since toxaphene is a production mixture and does not necessarily match all possible mixtures, each of the individual peaks used to quantitate toxaphene are not controlled up. The average of the chosen peaks is what is controlled upon

12.3.2.7 Second column confirmation of multi-component analytes will be performed.

12.3.3 Quantitation of Technical Chlordane

12.3.3.1 Technical Chlordane is a mixture of at least 11 major components and 30 or more minor components that is used to prepare specific pesticide formulations. *cis*-Chlordane (or α-Chlordane) and *trans*-Chlordane (or γ-Chlordane) are the two most prevalent major components of Technical Chlordane. However, the exact percentage of each in the technical material is not completely defined, and is not consistent from batch to batch.

12.3.3.2 When the GC pattern of the sample resembles that of Technical Chlordane, Chlordane may be quantitated by comparing the total area of the Chlordane chromatogram or by using 3 to 5 major peaks. Typically the laboratory uses 5 peaks. Since technical chlordane is a production mixture and does not necessarily match all possible mixtures, each of the individual peaks used to quantitate technical chlordane are not controlled up. The average of the chosen peaks is what is controlled upon.

12.3.3.3 If the Heptachlor epoxide peak is relatively small, include it as part of the total Chlordane area for calculation. If Heptachlor and/or Heptachlor epoxide are much out of proportion, calculate these separately and subtract their areas from the total area to give a corrected Chlordane area.

12.3.3.4 To measure the total area of the Chlordane chromatogram, construct the baseline of Technical Chlordane in each calibration chromatogram between the RTs of the first and last eluting Technical Chlordane components. Use this area and the mass or concentration of Technical Chlordane in each calibration standard to establish the calibration function (Section 10.0). Construct a similar baseline in the sample chromatogram, measure the area, and use the calibration function to calculate the concentration in the sample extract.

12.3.3.5 When the GC pattern of Chlordane in a sample differs considerably from that of the Technical Chlordane standard, it may be practical to report "Chlordane (not otherwise specified, CAS number 57-74-9)." Using the same process and calibration as for reporting Technical Chlordane.

12.3.3.6 A third option for quantitating Technical Chlordane is to quantitate the peaks for α-Chlordane, γ-Chlordane, and Heptachlor separately against the appropriate reference materials, and report these individual components under their respective CAS numbers.

12.3.3.7 Second column confirmation of multi-component analytes will be performed.

12.4 Surrogate recovery results are calculated and reported for DCB. TCMX may also be added, however if the two surrogate compounds are analyzed, and recoveries are calculated, and either surrogate fails to meet control limits, corrective actions are required (this also applies to programs that require the use of only one surrogate). See section 9.7 for further details.

12.5 Calibration Range and Sample Dilutions

12.5.1 If the concentration of any analyte exceeds the working range as defined by the calibration standards, then the sample must be diluted with

hexane (record the hexane lot number in the run sequence) and reanalyzed. Dilutions should target the most concentrated analyte in the upper half (over 50% of the high level standard) of the calibration range. Samples that were analyzed immediately following the high sample must be evaluated for carryover. If the samples have results at or above the RL for the analyte(s) that were found to be over the calibration range in the high sample, they must be reanalyzed to rule out carryover, unless other objective evidence indicates that the detection is not the result of carryover. Such evidence may include an observation where carryover was not observed when samples or blanks were analyzed after another sample with similar high compound recovery or when the detection in the sample with suspected carryover is much higher than the expected amount of carryover (i.e. the sample's concentration may be similar to or higher than the concentration found in the previous sample). It may also be necessary to dilute samples because of matrix interferences.

12.5.2 If the initial diluted run has no hits or hits below 20% of the calibration range, and the matrix allows for analysis at a lesser dilution, then the sample must be reanalyzed at a dilution targeted to bring the largest hit above 50% of the calibration range.

12.5.3 Guidance for Dilutions Due to Matrix Interference

If the sample is initially run at a dilution and only minor matrix peaks are present, then the sample should be reanalyzed at a more concentrated dilution. Analyst judgment is required to determine the most concentrated dilution that will not result in instrument contamination. Ideally, the dilution chosen will make the response of the matrix interferences equal to approximately half the response of the mid-level calibration standard.

12.5.4 Reporting Dilutions

Some programs (e.g., South Carolina) and some projects require reporting of multiple dilutions (check special requirements in LIMS). In other cases, the most concentrated dilution with no target compounds above the calibration range will be reported. When reporting multiple dilutions, unless otherwise requested, the analyst typically reports the lowest dilution practical (one that is not obscured by the matrix) and then one or two higher dilutions so that the bulk of the detections are quantifiable and all of the compounds are within the calibration range.

12.6 Interferences Observed in Samples

12.6.1 Dual column analysis does not entirely eliminate interfering compounds. Complex samples with high background levels of interfering organic compounds can produce false positive and/or false negative results. The analyst must use appropriate judgment to take action as the situation warrants.

12.6.2 Suspected Negative Interferences

12.6.2.1 If peak detection is prevented by interferences, further cleanup should be attempted (see SOP DV-OP-0007 *Concentration and Clean-up of Organic Extracts*). Elevation of reporting levels and/or lack of positive identification must be addressed in the case narrative.

12.6.2.2 If the individual isomers of chlordane are identified, but there is no pattern for the confirmation of "Technical Chlordane", and the project has ONLY technical chlordane requested, the results for technical chlordane should be qualified to indicate the presence of the chlordane isomers. Document in a NCM.

12.6.3 Suspected Positive Interferences

12.6.3.1 If the technical chlordane pattern is present, but only the individual isomers are requested to be reported, document in a NCM.

12.6.3.2 If no further cleanup is reasonable and interferences are evident that are suspected of causing false positive results, consult with the laboratory Project Manager to determine if analysis using additional confirmation techniques is appropriate for the project. Use of additional confirmation columns is another possible option, however caution is warranted in order to rule out false negatives. At a minimum, an NCM should be prepared by the analyst and should include the following comment for inclusion in the case narrative:

"*Based on review of the chromatograms for samples __, it is my opinion that the evident interferences may be causing false results.*

Date _____ Analyst _____"

Sample dilution may be the only acceptable recourse to resolve detections when large amounts of non-target matrix are observed.

12.7 Calculations

12.7.1 LCS and Surrogate Spike Recovery Calculation

LCS and surrogate spike recoveries are calculated using the following equation:

$$\%\text{Recovery} = \frac{\text{Concentration (or amount) found}}{\text{Concentration (or amount) spiked}} \times 100\% \qquad \textit{Equation 15}$$

12.7.2 MS and MSD Recovery Calculation

Matrix spike recoveries are calculated as follows:

$$\text{MS or MSD \%Recovery} = \left(\frac{SSR - SR}{SA}\right) \times 100\% \qquad \textit{Equation 16}$$

Where:

SSR = Measured concentration in spiked sample.
SR = Measured concentration in unspiked sample.
SA = Concentration of spike added to sample.

12.7.3 MS/MSD RPD Calculation

The relative percent difference between the MS and MSD is calculated as follows:

$$\%RPD = \frac{|R_1 - R_2|}{\frac{1}{2}(R_1 + R_2)} \times 100\% \qquad \textit{Equation 17}$$

Where R_1 is the result for the MS and R_2 is the result for the MSD.

12.7.4 Concentration of Analyte in the Sample Extract

Depending on the calibration function used, the concentration of the analyte in the sample extract is calculated as follows (see Section 10.0 for details on establishing the calibration function):

Average Response Factor: $C_e = \frac{A_s}{\overline{RF}}$ *Equation 18*

Linear Regression: $C_e = \frac{[A_s - b]}{a}$ *Equation 19*

Non-Linear Regression: $C_e = f(A_s)$ *Equation 20*

Where:

C_e = Concentration of the analyte in the sample extract (ng/mL).
A_s = Peak area for the analyte in the sample extract injection.
b = y-intercept of the calibration fit.
a = Slope of the calibration fit.
$f(A_s)$ = Mathematical function established by the non-linear regression.

12.7.5 Concentration of Analyte in Original Sample (for 1 uL injection)

$$C_{sample} = \frac{C_e}{1000\frac{ng}{\mu g}} \times \frac{V_e}{V_s} \times DF$$ *Equation 21*

Where:

C_{sample}	=	Concentration of analyte in original sample (µg/L or µg/kg).
C_e	=	Concentration of analyte in sample extract injected in GC (ng/mL).
$1000\frac{ng}{\mu g}$	=	Factor to convert ng/mL to µg/mL.
V_e	=	Volume of sample extract (mL).
V_s	=	Volume (or weight) of original sample (L or kg).
DF	=	Dilution Factor (post extraction dilutions)

12.8 All data are subject to two levels of review, which is documented on a checklist, as described in SOP DV-QA-0020 *Data Review*.

13.0 Method Performance

13.1 Method Detection Limit (MDL)

The method detection limit (MDL) is the lowest concentration that can be detected for a given analytical method and sample matrix with 99% confidence that the analyte is present. The MDL is determined according to the laboratory's MDL policy in CA-Q-S-006 Detection and Quantitation Limits. MDLs reflect a calculated (statistical) value determined under ideal laboratory conditions in a clean matrix, and may not be achievable in all environmental matrices. The laboratory maintains MDL studies for analyses performed; these are verified at least annually unless method or program requirements require a greater frequency.

13.2 MDLV and LOQV

13.2.1 MDLVs and LOQVs must be performed on blank matrix as defined for the method blank (Section 9.3), spiked with the appropriate analytes the programmatically required spike amounts.

13.2.2 MDLVs are analyzed for compounds on the DOD certificate and those required for Texas TRPP on each instrument each quarter. For DOD the spike requirement is 2-4X the MDL and for Texas it is 1-4X the MDL. There are no recovery requirements for MDLV. The MDLs for all other compounds are verified at least annually

13.2.3 LOQVs (aka LLOQV) are analyzed for compounds on the DOD certificate on each instrument each quarter. The spiking requirement is 1-2X the RL and must pass percent recovery limits. For all compounds analyzed by Method 8260, LOQVs must be performed annually for compliance with Method 8000D, SW-846 Update V.

13.3 Demonstration of Capabilities

IDOCs must be performed initially, before samples are analyzed, and must be repeated on an annual basis. Each analyst performing this procedure must successfully analyze four LCS QC samples using current laboratory LCS control limits before they are allowed to analyze samples without direct oversight. Prior to the successful completion and approval (by the QA department) of the IDOC, the supervising analyst must document this oversight by including a comment in the "notes" section of the worksheet in TALS.

13.3.1 Four aliquots of the QC check sample are analyzed using the same procedures used to analyze samples, including sample preparation. The concentration of the QC check sample should be equivalent to a mid- level calibration.

13.3.2 Calculate the average recovery and standard deviation of the recovery for each analyte of interest.

13.3.3 If any analyte does not meet the acceptance criteria, the test must be repeated. Only those analytes that did not meet criteria in the first test need to be evaluated. TNI 2009 requires consecutive passing results. Repeated failure for any analyte indicates the need for the laboratory to evaluate the analytical procedure and take corrective action.

13.3.4 Until the IDOC is approved by the QA Manager (or designee); the trainer and trainee must be identified in the batch record.

13.3.5 Further details concerning demonstrations of proficiency are described in SOP DV-QA-0024 *Training*.

13.4 Training Requirements

The Group Leader is responsible for ensuring that this procedure is performed by an associate who has been properly trained in its use and has the required experience. A new analyst must be working under documented supervision prior to approval of the IDOC. Documentation that a new analyst is performing under supervision must be entered into the batch record (View Batch Information) until that analyst's IDOC has been approved by the QA Manager (or designee). See requirements for demonstration of analyst proficiency in SOP DV-QA-0024 *Training*.

14.0 Pollution Control

Standards and reagents are prepared in volumes consistent with laboratory use to minimize the volume of expired standards and reagents requiring disposal.

15.0 Waste Management

15.1 All waste will be disposed of in accordance with Federal, State, and local regulations. Where reasonably feasible, technological changes have been implemented to minimize the potential for pollution of the environment. Employees

will abide by this procedure, the policies in section 13, "Waste Management and Pollution Prevention", of the Environmental Health and Safety Manual, and DV-HS-001P Waste Management Plan

15.2 The following waste streams are produced when this method is carried out:

15.2.1 Expired Chemicals/Reagents/Standards – Contact Waste Coordinator

15.2.2 Expired extract vial waste - Waste Stream A

NOTE: Radioactive and potentially radioactive waste must be segregated from non-radioactive waste as appropriate. Contact the Radioactive Waste Coordinator for proper management of radioactive or potentially radioactive waste generated by this procedure.

16.0 References

16.1 SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, Third Edition and all promulgated updates, EPA Office of Solid Waste, January 2005.

16.2 Method 3510C, Separatory Funnel Liquid-Liquid Extraction, Revision 3, December 1996.

16.3 Method 3550B, Ultrasonic Extraction, Revision 2, December 1996.

16.4 Method 3550C, Ultrasonic Extraction, Revision 3, February 2007.

16.5 Method 3546, Microwave Extraction, Revision 0, February 2006.

16.6 Method 3620C, Florisil Cleanup, Revision 3, February 2007.

16.7 Method 3660B, Sulfur Cleanup, Revision 2, December 1996.

16.8 Method 3665A, Sulfuric Acid/Permanganate Cleanup, Revision 1, December 1996.

16.9 Method 8081A, Organochlorine Pesticides by Gas Chromatography, Revision 1, December 1996

16.10 Method 8081B, Organochlorine Pesticides by Gas Chromatography, Revision 2, February, 2007.

16.11 Method 8000B, Determinative Chromatographic Separations, Revision 2, December, 1996.

16.12 Method 8000C, Determinative Chromatographic Separations, Revision 3, March 2003.

16.13 Method 8000D, Determinative Chromatographic Separations, Revision 5, March 2018

17.0 Method Modifications:

Item	Method	Modification
1	8081A 8081B	Section 10.5 allows the use of a single-point calibration for the multi-component pesticides. In this SOP an initial single-point calibration is used, but a five-point calibration followed by reanalysis of associated samples is required when one of the multi-component pesticides is detected.
2	8081A 8081B	Method 8081 references 8000, which allows the use of third-order calibration curves. Eurofins Denver does not allow third-order curves.
3	8081A 8081B 8000B	Section 10.7.2 excludes the use of the grand average of % RSD and requires each compound meet % RSD criteria for the initial calibration while Method 8000B allows acceptance using the mean of % RSD for all compounds in the calibration.
4	8081A 8081B 8000B 8000C 8000D	Minimum retention time window (± 0.01 minute) is more stringent than the Method 8000B or 8000D window of ± 0.03 minute. The established window may be adjusted based on RT drift observed in the ICAL.
5	8081B	Section 11.7.2 – Use 8000D criteria for calibration verification when a non-average curve fit is used.

18.0 Tables and Attachments

Table 1: Analyte List and Standard Reporting Limits
Table 2: Typical Instrument Conditions
Table 3: Calibration Levels (µg/mL)
Table 4: LVI Method Calibration Levels (µg/mL)
Table 5: Column Degradation Evaluation Mix
Table 6: LCS/Matrix Spike and Surrogate Spike Levels
Table 7: Evaluation Criteria and Corrective Actions for Continuing Calibration Verification
Table 8: Chrom Peak Number Assignment for Analytes – Columns CLPI & CLPII
Table 9: Chrom Peak Number Assignment for Analytes – Columns RxiSil 35-MS & Rxi-XLB
Attachment 1: Example Chromatogram – Columns CLPI & CLPII – AB Standard
Attachment 2: Example Chromatogram – Columns CLPI & CLPII – AP9 Standard
Attachment 3: Example Chromatogram – Columns CLPI & CLPII – Chlordane (Technical)
Attachment 4: Example Chromatogram – Columns CLPI & CLPII – Toxaphene
Attachment 5: Example Chromatogram – Columns RxiSil 35-MS & Rxi-XLB – AB Standard
Attachment 6: Example Chromatogram – Columns RxiSil 35-MS & Rxi-XLB – AP9 Standard
Attachment 7: Example Chromatogram – Columns RxiSil 35-MS & Rxi-XLB – Chlordane (Technical)
Attachment 8: Example Chromatogram – Columns RxiSil 35-MS & Rxi-XLB – Toxaphene

19.0 Revision History

This section has been added beginning with Revision 0. Only details of the last two revisions are incorporated into this SOP. Prior revisions are documented in the QA files and available upon request.

- Revision 19, dated 20 July 2023
  - Change Kepone CCV criteria section 10.12.3.1
- Revision 18, dated 03 March 2023
  - Annual Review
  - Updated copyright information
  - Changed Eurofins TestAmerica to Eurofins Denver throughout.
  - Updated note in Section 10.12.1.1.
  - Updated text in Sections 10.12.3.1 and 10.12.3.2.

Table 1. Analyte List and Standard Reporting Limits

Compound	Water Reporting Limit (µg/L) [1 L sample]	Water Reporting Limit (µg/L) [LVI]	Soil Reporting Limit (µg/kg)
Aldrin	0.05	0.05	1.7
α-BHC	0.05	0.05	1.7
β-BHC	0.05	0.05	1.7
δ-BHC	0.05	0.05	1.7
γ-BHC (Lindane)	0.05	0.05	1.7
α-Chlordane	0.05	0.05	1.7
γ-Chlordane	0.05	0.05	1.7
Chlordane (technical)	0.5	0.5	25
Chlorobenzilate*	0.10	0.10	30
Chlorpyrifos*	0.05	0.1	–
DBPP***	2.50	2.50	140
2,4'-DDD*	0.05	0.05	0.33
4,4'-DDD	0.05	0.05	1.7
2,4'-DDE*	0.05	0.05	0.33
4,4'-DDE	0.05	0.05	1.7
2,4'-DDT*	0.05	0.05	0.33
4,4'-DDT	0.05	0.05	1.7
Diallate*	1.0	5.0	33
Dicofol*	1.0	10.0	–
Dieldrin	0.05	0.05	1.7
Endosulfan I	0.05	0.05	1.7
Endosulfan II	0.05	0.05	1.7
Endosulfan Sulfate	0.05	0.05	1.7
Endrin	0.05	0.05	1.7
Endrin Aldehyde	0.05	0.05	1.7
Endrin Ketone	0.05	0.05	1.7
Heptachlor	0.05	0.05	1.7
Heptachlor Epoxide	0.05	0.05	6.7
Hexachlorobenzene	0.05	0.05	1.7
Isodrin	0.10	0.10	1.7
Kepone**	1.0	1.0	75
Methoxychlor	0.10	0.10	3.3
Mirex	0.05	0.05	1.7
Propachlor	0.5	0.5	-
Toxaphene	2.0	2.0	67

* These are non-routine compounds that require a separate calibration, and are analyzed only upon request.

** The laboratory has some clients with permits requiring kepone by method 8081A and 8081B. However, the method warns that kepone may change form during extraction and shift out of the expected retention time window. Kepone is <u>not</u> recommended by 8081A and 8081B.

*** Available for analysis by method 8081A only.

Table 2. Typical Instrument Conditions

Parameter	Recommended Conditions*
Injection port temperature	200 ºC
Detector temperature	325 ºC
Column 1 (HP6890 GC)	Rtx® CLPI: 30 m X 0.32 mm id, 0.5 µm
Column 2 (HP6890 GC)	Rtx®CLPII: 30 m X 0.32 mm id, 0.25 µm
HP6890 GC Temperature program and inlet pressure Columns 1 and 2	110 ºC for 1 minute 35 ºC/min to 180 ºC 20 ºC/min to 200 ºC 35 ºC/min to 235 ºC and hold for 1 minute 25 ºC/min to 300 ºC and hold for 4 minutes 40 ºC/min to 310 ºC Pressure 20 psi, pulse to 40 psi for 1 minute
Column 3 (HP6890 GC)	DB-35MS: 30 m X 0.32 mm id, 0.5 µm
Column 4 (HP6890 GC)	DB-XLB: 30 m X 0.32 mm id, 0.5 µm
HP6890 GC Temperature program Columns 3 and 4	110 ºC for 1 minute 35 ºC/min to 245 ºC and hold for 1.5 minutes 25 ºC/min to 300 ºC and hold for 4 minutes 40 ºC/min to 310 ºC
Injection	1 or 2 µL (for LVI)
Carrier gas	Hydrogen
Make up gas	Nitrogen, 60 mL/min
Y splitter	Restek or J&W or Supelco glass tee (Siltek)

* Variations in instrument conditions may exist in order to facilitate compound separation or to accommodate matrix effects from sample analysis.

NOTE: 4,4'-DDE and dieldrin are closely eluting pairs on the HP-5 column . Endosulfan II and 4,4'-DDD are closely eluting pairs on the 1701 column. For these reasons, these columns are no longer in use in the laboratory.

Table 3. Calibration Levels (µg/mL)

	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Individual Mix AB						
Aldrin	0.004	0.01	0.025	0.05	0.075	0.10
α-BHC	0.004	0.01	0.025	0.05	0.075	0.10
β-BHC	0.004	0.01	0.025	0.05	0.075	0.10
δ-BHC	0.004	0.01	0.025	0.05	0.075	0.10
γ-BHC (Lindane)	0.004	0.01	0.025	0.05	0.075	0.10
α-Chlordane	0.004	0.01	0.025	0.05	0.075	0.10
γ-Chlordane	0.004	0.01	0.025	0.05	0.075	0.10
4,4'-DDD	0.004	0.01	0.025	0.05	0.075	0.10
4,4'-DDE	0.004	0.01	0.025	0.05	0.075	0.10
4,4'-DDT	0.004	0.01	0.025	0.05	0.075	0.10
Dieldrin	0.004	0.01	0.025	0.05	0.075	0.10
Endosulfan I	0.004	0.01	0.025	0.05	0.075	0.10
Endosulfan II	0.004	0.01	0.025	0.05	0.075	0.10
Isodrin	0.004	0.01	0.025	0.05	0.075	0.10
Endrin	0.004	0.01	0.025	0.05	0.075	0.10
Endrin Aldehyde	0.004	0.01	0.025	0.05	0.075	0.10
Endrin Ketone	0.004	0.01	0.025	0.05	0.075	0.10
Heptachlor	0.004	0.01	0.025	0.05	0.075	0.10
Heptachlor Epoxide	0.004	0.01	0.025	0.05	0.075	0.10
Hexachlorobenzene	0.004	0.01	0.025	0.05	0.075	0.10
Methoxychlor	0.004	0.01	0.025	0.05	0.075	0.10
Endosulfan Sulfate	0.004	0.01	0.025	0.05	0.075	0.10
Mirex	0.004	0.01	0.025	0.05	0.075	0.10
Multicomponent Standards						
Chlordane (Technical)	0.10	0.20	0.50	1.0	2.0	N/A
Toxaphene	0.20	0.50	1.0	2.0	5.0	10.0
Surrogates are included the AB Mix calibration mix at the following levels:						
Tetrachloro-*m*-xylene	0.005	0.10	0.025	0.05	0.075	0.10
Decachlorobiphenyl	0.005	0.10	0.025	0.05	0.075	0.10

Appendix IX Standards:							
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7
2,4'-DDD	0.001	0.005	0.010	0.025	0.035	0.05	0.10
2,4'-DDE	0.001	0.005	0.010	0.025	0.035	0.05	0.10
2,4'-DDT	0.001	0.005	0.010	0.025	0.035	0.05	0.10
Chlorobenzilate	0.01	0.050	0.10	0.25	0.35	0.5	1.0
Chlorpyrifos	0.005	0.025	0.050	0.125	0.175	0.25	0.5
DBPP	0.50	0.250	0.5	1.25	1.75	2.5	5.0
Diallate	0.250	0.50	1.0	2.5	3.5	5	10.
Dicofol	0.01	0.050	0.10	0.25	0.35	0.5	1.0
Propachlor	0.01	0.050	0.10	0.25	0.35	0.5	1.0
Kepone	0.01	0.050	0.10	0.25	0.35	0.5	1.0

Table 4. LVI method. Calibration Levels (µg/mL)

	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Individual Mix AB						
Aldrin	0.002	0.005	0.0125	0.025	0.0375	0.05
α-BHC	0.002	0.005	0.0125	0.025	0.0375	0.05
β-BHC	0.002	0.005	0.0125	0.025	0.0375	0.05
δ-BHC	0.002	0.005	0.0125	0.025	0.0375	0.05
γ-BHC (Lindane)	0.002	0.005	0.0125	0.025	0.0375	0.05
α-Chlordane	0.002	0.005	0.0125	0.025	0.0375	0.05
γ-Chlordane	0.002	0.005	0.0125	0.025	0.0375	0.05
4,4'-DDD	0.002	0.005	0.0125	0.025	0.0375	0.05
4,4'-DDE	0.002	0.005	0.0125	0.025	0.0375	0.05
4,4'-DDT	0.002	0.005	0.0125	0.025	0.0375	0.05
Dieldrin	0.002	0.005	0.0125	0.025	0.0375	0.05
Endosulfan I	0.002	0.005	0.0125	0.025	0.0375	0.05
Endosulfan II	0.002	0.005	0.0125	0.025	0.0375	0.05
Isodrin	0.002	0.005	0.0125	0.025	0.0375	0.05
Endrin	0.002	0.005	0.0125	0.025	0.0375	0.05
Endrin Aldehyde	0.002	0.005	0.0125	0.025	0.0375	0.05
Endrin Ketone	0.002	0.005	0.0125	0.025	0.0375	0.05
Heptachlor	0.002	0.005	0.0125	0.025	0.0375	0.05
Heptachlor Epoxide	0.002	0.005	0.0125	0.025	0.0375	0.05
Hexachlorobenzene	0.002	0.005	0.0125	0.025	0.0375	0.05
Methoxychlor	0.002	0.005	0.0125	0.025	0.0375	0.05
Endosulfan Sulfate	0.002	0.005	0.0125	0.025	0.0375	0.05
Mirex	0.002	0.005	0.0125	0.025	0.0375	0.05
Multicomponent Standards						
Chlordane (Technical)	0.025	0.1	0.25	0.50	1.0	2.0
Toxaphene	0.1	0.25	0.5	1.0	2.5	5.0
Appendix IX Standards:						
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7
2,4'-DDD	0.0005	0.0025	0.005	0.0125	0.0175	0.025	0.05
2,4'-DDE	0.0005	0.0025	0.005	0.0125	0.0175	0.025	0.05
2,4'-DDT	0.0005	0.0025	0.005	0.0125	0.0175	0.025	0.05
Chlorobenzilate	0.005	0.025	0.05	0.125	0.175	0.25	0.5
Chlorpyrifos	0.0025	0.0125	0.025	0.0625	0.0875	0.125	0.25
DBPP	0.25	0.125	0.25	0.625	0.875	1.25	2.5
Diallate	0.125	0.25	0.5	1.25	1.75	2.5	5.0
Dicofol	0.005	0.025	0.05	0.125	0.175	0.25	0.5
Propachlor	0.005	0.025	0.05	0.125	0.175	0.25	0.5
Kepone	0.005	0.025	0.05	0.125	0.175	0.25	0.5
Surrogates are included the AB Mix calibration mix at the following levels:						
Tetrachloro-*m*-xylene	0.002	0.005	0.0125	0.025	0.0375	0.05
Decachlorobiphenyl	0.002	0.005	0.0125	0.025	0.0375	0.05

Table 5. Column Degradation Evaluation Mix

Component	Concentration (µg/mL)
4,4'-DDT	0.040
Endrin	0.040

Table 6. LCS/Matrix Spike and Surrogate Spike Levels

Compound	(µg/L)	(µg/kg)
Aldrin	0.5	16.67
α-BHC	0.5	16.67
β-BHC	0.5	16.67
δ-BHC	0.5	16.67
γ-BHC (Lindane)	0.5	16.67
α-Chlordane	0.5	16.67
γ-Chlordane	0.5	16.67
4,4'-DDD	0.5	16.67
4,4'-DDE	0.5	16.67
4,4'-DDT	0.5	16.67
Dieldrin	0.5	16.67
Endosulfan I	0.5	16.67
Endosulfan II	0.5	16.67
Endosulfan Sulfate	0.5	16.67
Endrin	0.5	16.67
Endrin Aldehyde	0.5	16.67
Endrin Ketone	0.5	16.67
Heptachlor	0.5	16.67
Heptachlor Epoxide	0.5	16.67
Methoxychlor	0.5	16.67
Toxaphene (when required)	2.0	66.68
Surrogates		
Decachlorobiphenyl	0.2	6.67
Tetrachloro-*m*-xylene (TCMX)	0.2	6.67

Table 7. Evaluation Criteria and Corrective Actions for Continuing Calibration Verification

Evaluation Criteria for a Specific Analyte				Evaluation / Corrective Actions
Average %D	**Individual %D**	**RL Standard**	**Client Samples**	
N/A	± 15%	N/A	≥ RL	Calibration is verified for the analyte(s) detected in the sample; no action required.
N/A	Outside of ± 15%	N/A	≥ RL	Calibration is not verified for the analyte(s) detected in the sample. The sample must be re-analyzed using a verified calibration.
± 15%	± 30%	N/A	ND	Calibration is acceptable because analytes were not detected in the sample. An NCM is required.
Outside of ± 15%	N/A	N/A	N/A	Calibration is not verified and corrective action must be taken. NOTE: The exception to this may be those cases where the client has requested a small subset of the analytes typically measured by the method and the %D for each of those analytes is within ± 15%. Corrective action may include clipping the column, changing the liner, or other minor instrument adjustments, followed by reanalyzing the standard twice. If both results pass acceptance criteria, the calibration may be used to process samples. If the overall average %D still varies by more than ±15%, a new calibration curve must be prepared. Reanalyze any samples that were either preceded by or followed by the failed CCV using a verified calibration.
± 15%	< -30% (low)	Detected	ND	Sample results are acceptable because the RL standard indicates that the analyte would have been detected if present in the sample. Explain in an NCM.
± 15%	< -30% (low)	ND	ND	Analyte was not detected in the RL standard, possibly as the result of a calibration drift in the negative direction, and therefore one cannot be sure that the analyte would have been detected in the sample if present. Reanalyze samples with verified calibration.
± 15%	> +30% (high)	N/A	ND	Sample results are acceptable because the CCV failed high, so if the analyte were present in the sample, it would definitely have been detected. Explain in an NCM.

Note: Some programs (e.g., South Carolina) do not allow the average percent difference to be used in evaluating calibration verification standards. Please see the QAS's in the public folders for the current requirements.

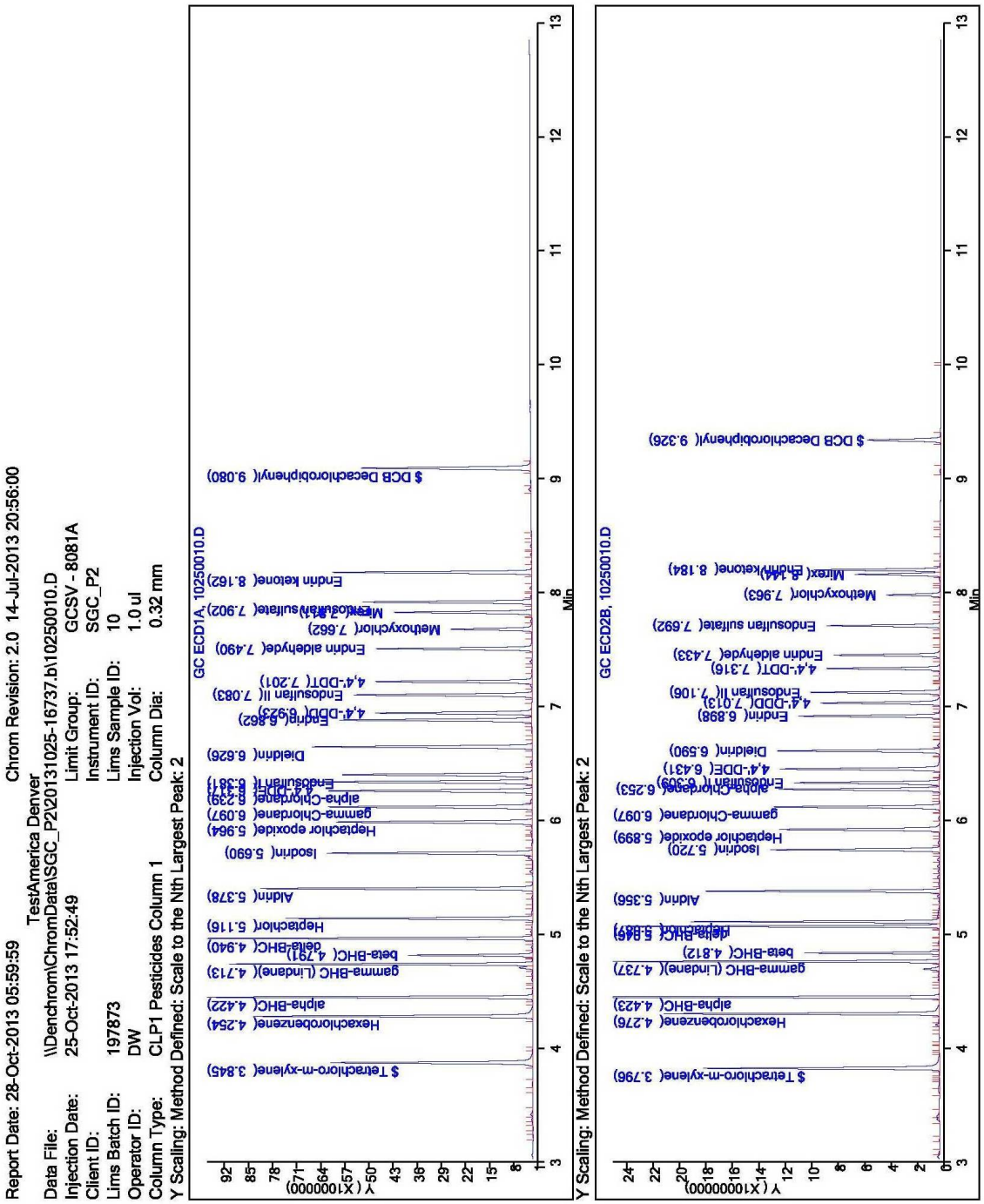
Table 8
Chrom Peak Number Assignment for Analytes
Columns CLPI and CLPII

Peak Number	Analyte
7	Tetrachloro-m-xylene
8	Hexachlorobenzene
9	Diallate
10	alpha-BHC
11	gamma-BHC (Lindane)
12	beta-BHC
13	delta-BHC
14	Chlordane (Technical)
15	Heptachlor
16	Aldrin
17	Chloropyrifos
18	Isodrin
19	Dicofol
20	Toxaphene
21	2,4'-DDE
22	Heptachlor Epoxide
23	gamma-Chlordane
24	alpha-Chlordane
25	4,4'-DDE
26	Endosulfan I
27	2,4'-DDD
28	Dieldrin
29	2,4'-DDT
30	Endrin
31	Kepone
32	4,4'-DDD
33	Chlorobenzilate
34	Endosulfan II
35	4,4'DDT
36	Endrin aldehyde
37	Methoxychlor
38	Mirex
39	Endosulfan sulfate
40	Endrin ketone
41	Propachlor
$41	Decachlorobiphenyl
42	Tris(2,3-dibromopropyl)phosphate

Table 9
Chrom Peak Number Assignment for Analytes
Columns RxiSil 35-MS & Rxi-XLB

Peak Number	Analyte
2 (IS)	1-Bromo-2-nitrobenzene
$3	Tetrachloro-m-xylene
4	Propachlor
5	Diallate
6	Hexachlorobenzene
7	alpha-BHC
8	gamma-BHC (Lindane)
9	Chlordane (Technical)
10	Technical Chlordane
11	beta-BHC
12	Heptachlor
13	delta-BHC
15	Aldrin
16	Chloropyrifos
17	Isodrin
18	Dicofol
19	Heptachlor Epoxide
20	gamma-Chlordane
21	2,4'-DDE
22	Toxaphene
23	alpha-Chlordane
24	Endosulfan I
25	4,4'-DDE
26	Dieldrin
27	2,4'-DDD
28	Chlorobenzilate
29	Endrin
30	2,4'-DDT
31	Kepone
32	4,4'-DDD
33	Endosulfan II
34	4,4'DDT
35	Endrin aldehyde
36	Endosulfan sulfate
37	Methoxychlor
38	Endrin ketone
39	Mirex
$40	Decachlorobiphenyl
41	Tris(2,3-dibromopropyl)phosphate

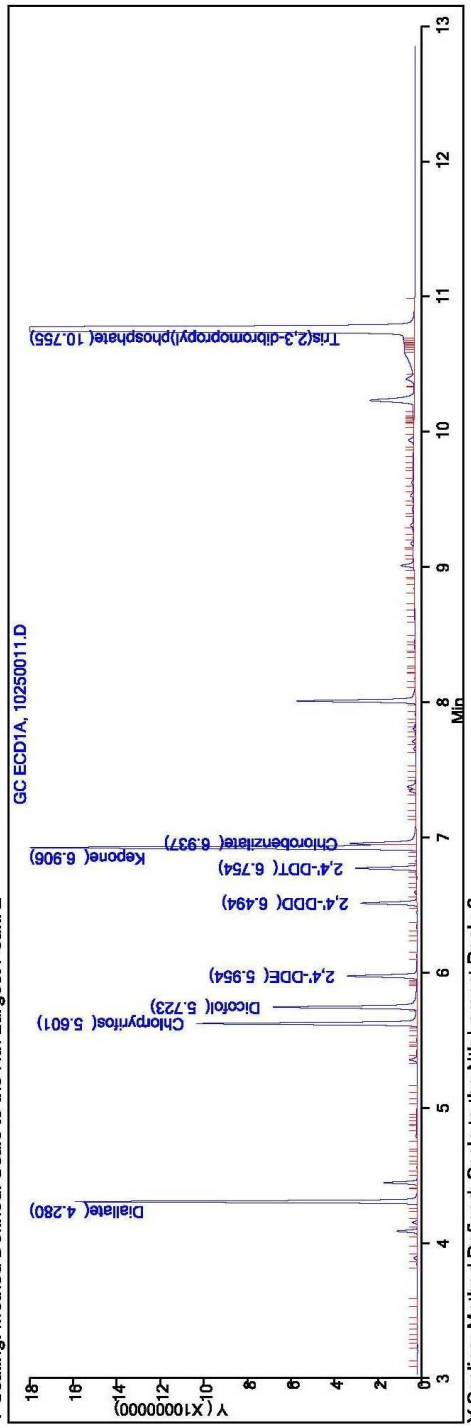
Attachment 1
Example Chromatograms – Columns CLPI & CLPII – AB Standard



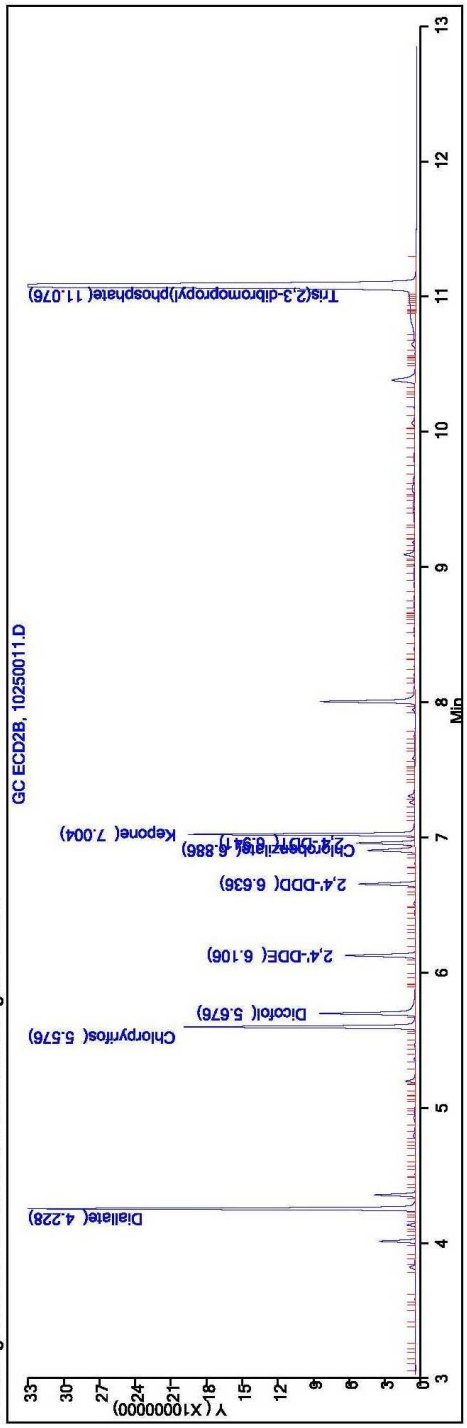
Attachment 2
Example Chromatogram – Columns CLPI & CLPII – AP9 Standard

Report Date: 28-Oct-2013 05:59:59 TestAmerica Denver Chrom Revision: 2.0 14-Jul-2013 20:56:00

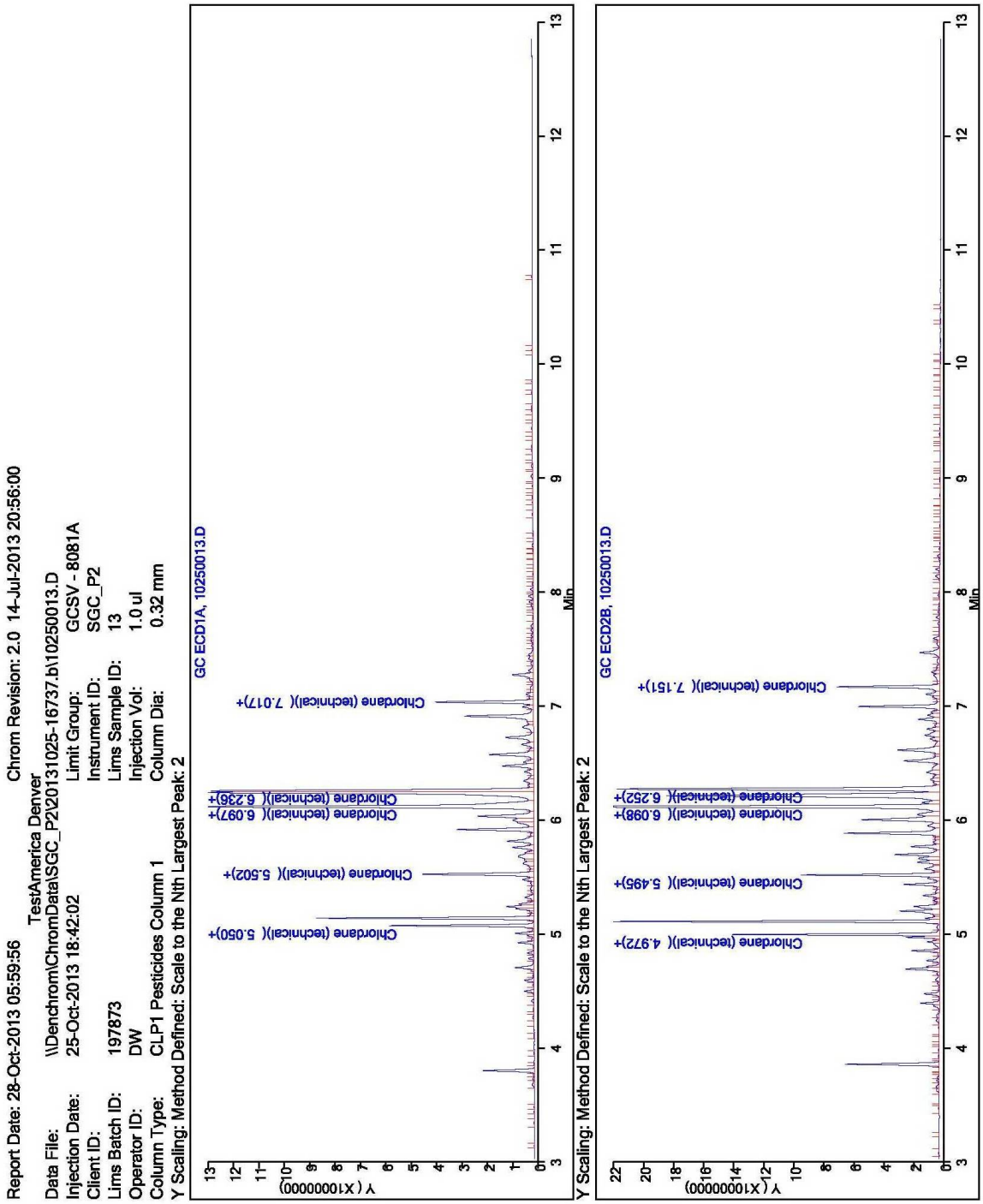
Data File: \\Denchrom\ChromData\SGC_P2\20131025-16737.b\10250011.D
Injection Date: 25-Oct-2013 18:09:13 Limit Group: GCSV - 8081A
Client ID: Instrument ID: SGC_P2
Lims Batch ID: 197873 Lims Sample ID: 11
Operator ID: DW Injection Vol: 1.0 ul
Column Type: CLP1 Pesticides Column 1 Column Dia: 0.32 mm
Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



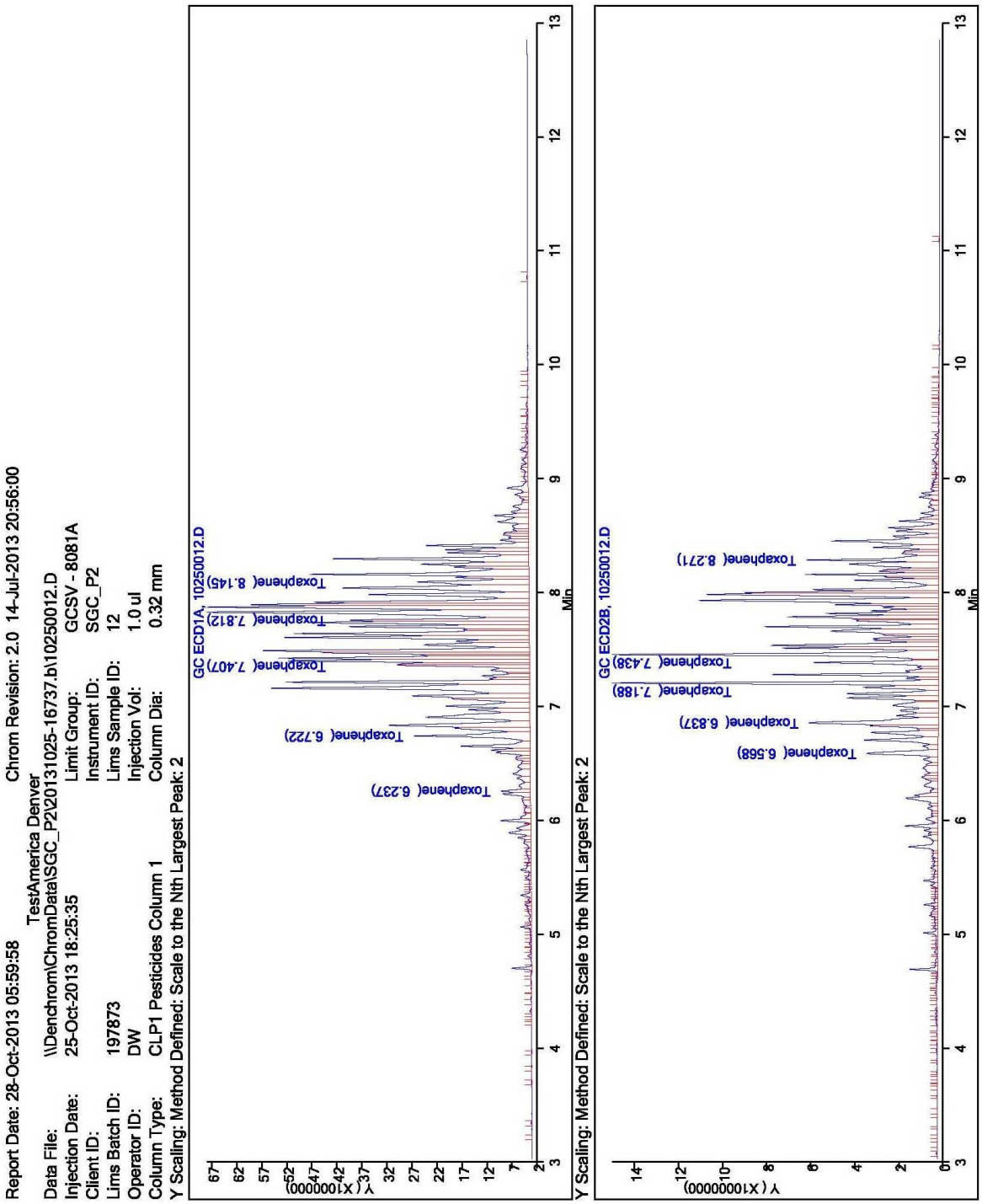
Y Scaling: Method Defined: Scale to the Nth Largest Peak: 2



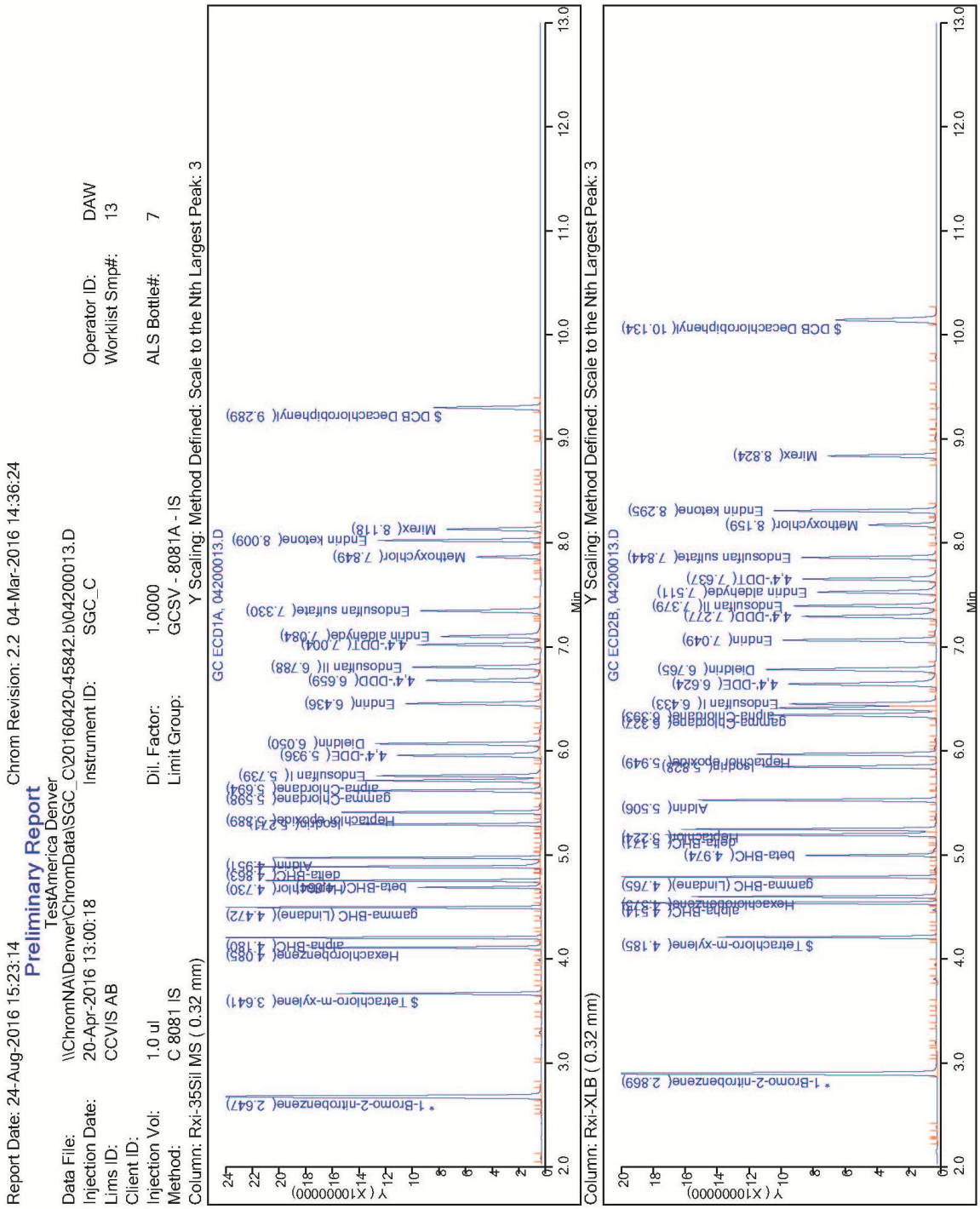
Attachment 3
Example Chromatogram – Columns CLPI & CLPII – Chlordane (Technical)



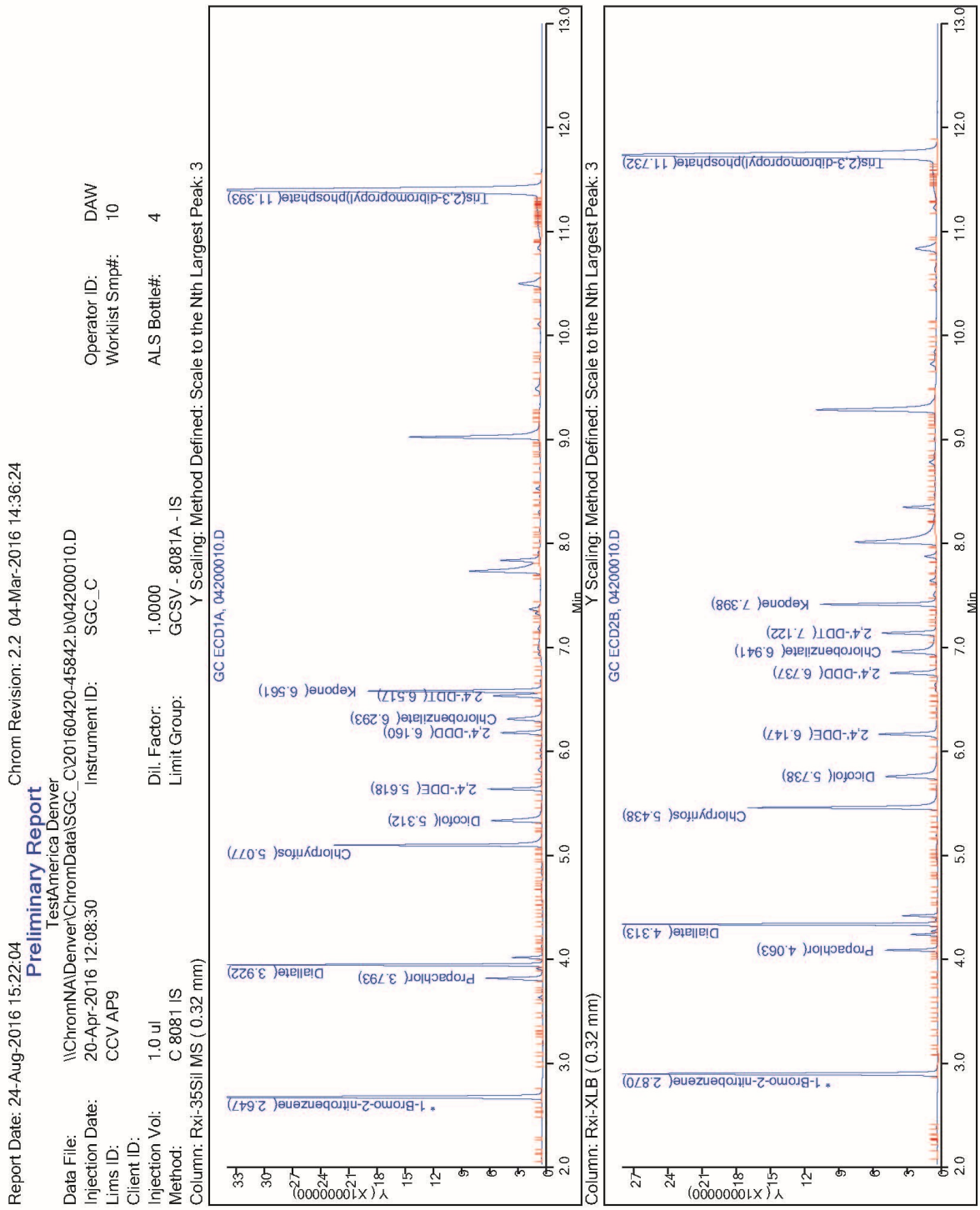
Attachment 4
Example Chromatogram – Columns CLPI & CLPII – Toxaphene



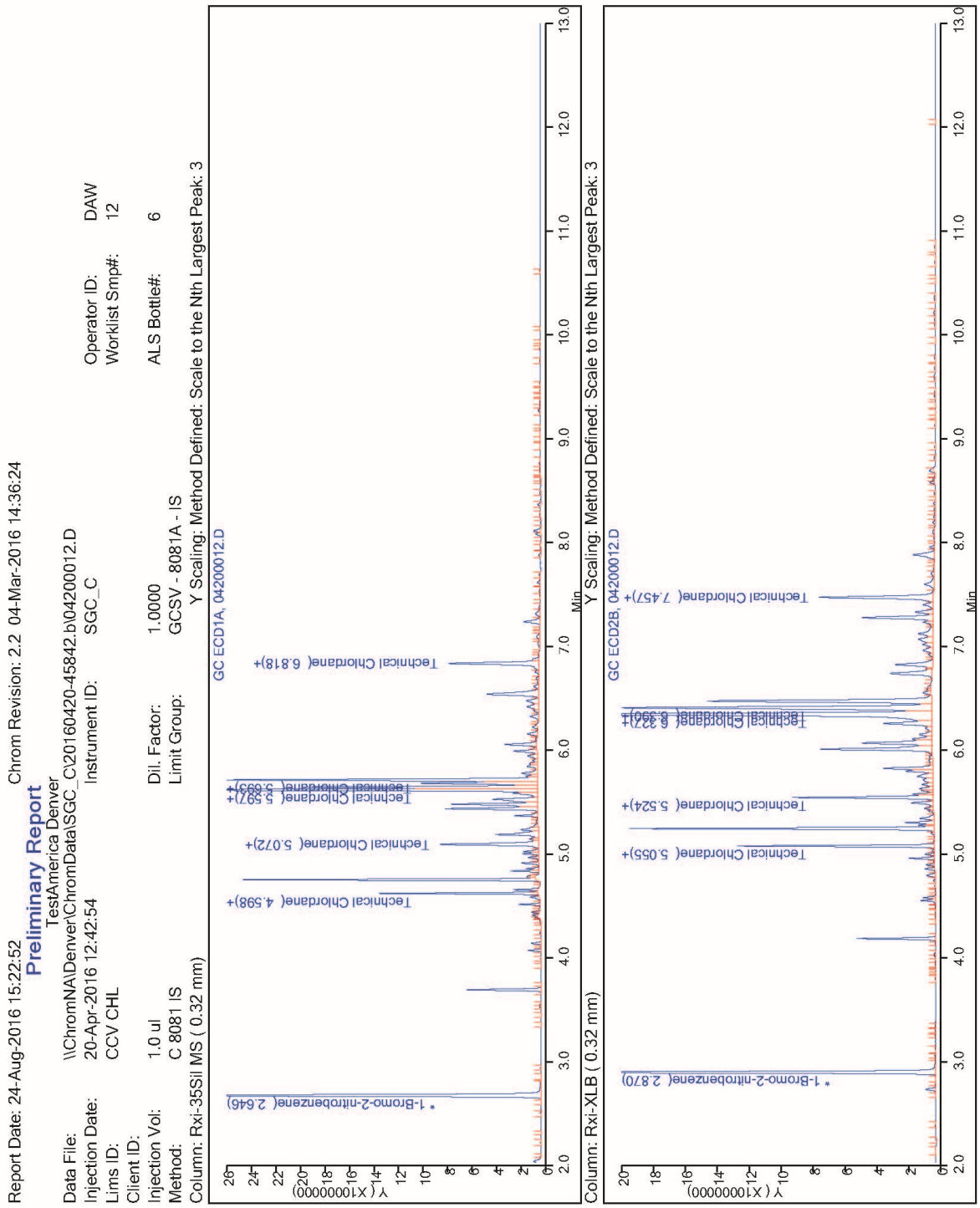
Attachment 5
Example Chromatograms – Columns RxiSil 35-MS & Rxi-XLB – AB Standard



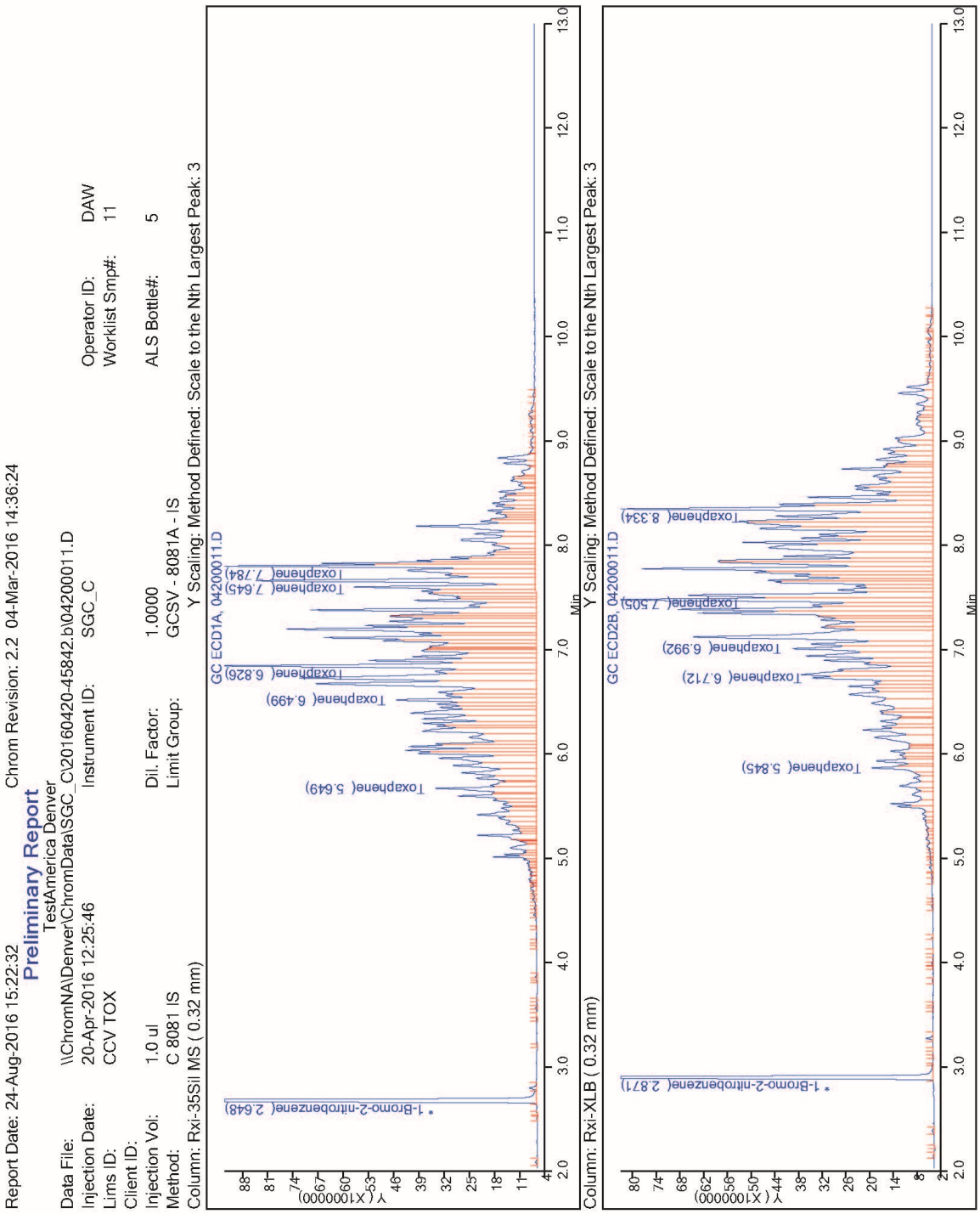
Attachment 6
Example Chromatograms – Columns RxiSil 35-MS & Rxi-XLB – AP9



Attachment 7
Example Chromatograms – Columns RxiSil 35-MS & Rxi-XLB
Chlordane (Technical)



Attachment 8
Example Chromatograms – Columns RxiSil 35-MS & Rxi-XLB – Toxaphene



Electronic Copy Only

Title: Acid Digestion of Aqueous Samples for Metals Analysis

Approvals (Signature/Date):

Rachel Speights 02/28/2024 Rachel Speights Date Technical Specialist	Reed Pottruff 2/28/2024 Reed Pottruff Date Health & Safety Manager / Coordinator
Kelly Maddox 2/28/2024 Kelly Maddox Date Quality Assurance Manager	Anthony Grimaldi 2/28/2024 Anthony Grimaldi Date Business Unit Manager

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1.0 Scope and Application

1.1 This standard operating procedure (SOP) describes the acid digestion of aqueous samples prior to the determination of the concentration of individual metallic elements by inductively coupled plasma atomic emission spectroscopy (ICP) or mass spectrometry (ICP-MS). These methods include digestions for total, total recoverable, dissolved, and potentially dissolved analytes (see definitions in Section 3). This SOP is based on EPA Methods 200.7 and 200.8, SW 846 Method 3005A, 3010A and 3020A.

1.2 This SOP is applicable to ground water, surface water, domestic and industrial wastewater, leachates, and other aqueous media. This SOP is not applicable to oils or other liquids that are not miscible with water.

NOTE: Samples that are found to be immiscible with water, e.g., contain oil or other immiscible organic solvents, are subcontracted to other labs that are capable of handling such samples. If during the preparation process it is discovered that the sample is immiscible with water or is biphasic, the analyst notifies the Technical Specialist and Project Manager.

1.3 This procedure can be used for all of the following elements: Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Se, Si, Sn, Sr, S, Th, Ti, Tl, U, V, Zn. Additional elements may be analyzed using the digestion methods in this SOP provided the method performance criteria specified in Section 12 and the Quality Control (QC) acceptance criteria specified in the ICP or ICP-MS determinative SOPs (DV-MT-0021 ICP Analysis 6010 200.1, DV-MT-0022 ICPMS 6020AB 200.8) are met.

1.4 All samples require digestion prior to analysis, with the possible exception of “direct analysis” of dissolved metals in filtered and acidified aqueous samples. Although digestion is not specifically required by the method, some clients and regulators do require digestion of dissolved samples. This must be determined by the laboratory Project Manager before projects start and is communicated to the analysts through Method Comments in TALS.

2.0 Summary of Method

Filtration is performed for dissolved or potentially dissolved metals. A representative portion of sample is refluxed with nitric acid. This step is repeated until the digestate is light in color or until its color has stabilized. After the digestate has been reduced to a low volume, it is refluxed with hydrochloric acid and brought up to volume.

3.0 Definitions

3.1 Dissolved Analyte: An analyte in an aqueous sample that will pass through a 0.45-µm membrane filter prior to acidification (sample is acidified after filtration).

3.2 Potentially Dissolved Metals: An analyte in solution after acidifying the sample with nitric acid to pH < 2, holding at room temperature for 8 to 96 hours, and then filtering through a 0.45-µm membrane filter. This definition is based on the Colorado surface water regulations.

3.3 Total or Total Recoverable Analyte: An analyte determined by analysis of the solution extract of a solid sample or an unfiltered aqueous sample following digestion by refluxing with hot dilute mineral acid(s).

3.4 Leachate: A leachate is a sample that has gone through the pre-prep leach process in house before it gets aliquoted and prepped for metals analysis. The types of leachates the lab processes include: TCLP, SPLP, STLC (STLC is also known as California WET or Citrate Leach). Client sample ID's may sometimes be leachates; however these are treated as water samples and are not referred to in this SOP.

3.5 General Analytical Terms: Refer to the Glossary of the Eurofins Denver Quality Assurance Manual (QAM) and policy DV-QA-003P *Quality Control Program* for definitions of general analytical and QA/QC terms.

4.0 Interferences

4.1 Potential sources of trace metals contamination include metallic or metal-containing labware (e.g., talc powdered gloves which contain high levels of zinc), containers, impure reagents, dirty glassware, improper sample transfers, dirty work areas, and atmospheric inputs such as dirt and dust, etc. Be aware of potential sources of contamination and take appropriate measures to minimize or avoid them.

4.2 Physical interference effects may contribute to inaccuracies in the determinations of trace elements. Oils, solvents, and other matrices may not be digested using these methods if they are not miscible with acids. If physical interferences are present, they should be documented with an NCM in the final report case narrative.

4.3 Visual interferences or anomalies (such as foaming, emulsions, precipitates, etc.) must be documented with an NCM in the final report case narrative.

4.4 Allowing samples to boil or go dry during digestion may result in the loss of volatile metals. If this occurs, the sample must be re-prepared. Antimony is easily lost by volatilization from hydrochloric acid media.

4.5 Precipitation of silver chloride (AgCl) may occur when chloride ions and high concentrations of silver (i.e., greater than 1 mg/L) are present in the sample. Any samples containing more than 1 mg/L silver are redigested at a reduced sample volume and reanalyzed to produce more accurate results.

5.0 Safety

5.1 Employees must abide by the policies and procedures in the Corporate Safety Manual, Radiation Safety Manual and this document.

5.2 This procedure may involve hazardous material, operations, and equipment. This SOP does not purport to address all the safety problems associated with its use. It is the responsibility of the user of the method to follow appropriate safety, waste disposal and health practices under the assumption that all samples and reagents are potentially hazardous. Safety glasses, gloves, lab coats and closed-toe, nonabsorbent shoes are a minimum.

5.3 Specific Safety Concerns or Requirements

5.3.1 Eye protection that satisfies ANSI Z87.1, laboratory coat, and nitrile gloves must be worn while handling samples, standards, solvents, and reagents. Disposable gloves that have been contaminated must be removed and discarded; non-disposable gloves must be cleaned immediately.

5.3.2 Samples that contain high concentrations of carbonates or organic material, or samples that are at elevated pH can react violently when acids are added.

5.3.3 Care must be taken when handling the digestion tubes. The tubes may become very hot during the digestion procedure. Allow the tubes to cool before attempting to touch the digested samples.

5.4 Primary Materials Used

5.4.1 The following is a list of the materials used in this method which have a serious or significant hazard rating.

5.4.2 A complete list of materials used in the method can be found in the reagents and materials section. Employees must review the information in the SDS for each material before using it for the first time.

Material (1)	**Hazards**	**Exposure Limit (2)**	**Signs and Symptoms of Exposure**
Stock Standard Solutions	Oxidizer Corrosive Poison	5 mg/m^3 as HNO_3	Toxic. Causes irritation to the respiratory tract. Causes irritation. Symptoms include redness and pain. May cause burns. May cause sensitization. Can be absorbed through the skin with symptoms to parallel ingestion. May affect the central nervous system. Causes irritation and burns to eyes. Symptoms include redness, pain, and blurred vision; may cause serious and permanent eye damage.
Nitric Acid (HNO_3)	Corrosive Oxidizer Poison	2 ppm (TWA) 4 ppm (STEL)	Nitric acid is extremely hazardous; it is corrosive, reactive, an oxidizer, and a poison. Inhalation of vapors can cause breathing difficulties and lead to pneumonia and pulmonary edema, which may be fatal. Other

			symptoms may include coughing, choking, and irritation of the nose, throat, and respiratory tract. Can cause redness, pain, and severe skin burns. Concentrated solutions cause deep ulcers and stain skin a yellow or yellow-brown color. Vapors are irritating and may cause damage to the eyes. Contact may cause severe burns and permanent eye damage.
Hydrochloric Acid (HCl)	Corrosive Poison	5 ppm (Ceiling)	Inhalation of vapors can cause coughing, choking, inflammation of the nose, throat, and upper respiratory tract, and in severe cases, pulmonary edema, circulatory failure, and death. Can cause redness, pain, and severe skin burns. Vapors are irritating and may cause damage to the eyes. Contact may cause severe burns and permanent eye damage.
(1) Always add acid to water to prevent violent reactions. (2) Exposure limit refers to the OSHA regulatory exposure limit.			

6.0 EQUIPMENT AND SUPPLIES

6.1 Instrumentation

6.1.1 Digestion blocks, with adjustable heating, capable of maintaining a sample temperature of 90 - 95 °C.

6.1.2 Thermometer that covers a temperature range of at least 80 - 110 °C, in increments of 1 °C.

6.1.2.1 Liquid-filled thermometers must have a tag indicating that the accuracy was checked by the QA group within the last 12 months. Digital thermometers must have a tag showing that they were checked within the last three months.

6.1.3 Calibrated mechanical pipettes with disposable pipette tips. Pipette calibration is checked in accordance with SOP DV-QA-0008 *Volumetric Verification*.

6.1.4 (Optional) DEENA II Automated Digestion System

6.2 Supplies

6.2.1 Disposable digestion tubes, with volume accuracy verified gravimetrically once per lot. See SOP DV-QA-0008 *Volumetric Verification*.

6.2.2 Watch glasses, ribbed or equivalent, or disposable digestion tube covers.

6.2.3 Fisherbrand Q8 quantitative filter paper or equivalent.

6.2.4 Whatman GD/XP - PVDF membrane, 0.45-micron syringe filters (No. 6973-2504), for trace metal analysis, or equivalent.

6.2.5 Syringes or equivalent filtration apparatus.

6.2.6 Re-pipettors or suitable reagent dispensers.

6.2.7 pH indicator strips.

6.2.8 Plastic storage bottles.

7.0 Standards and Reagents

7.1 Standards must be NIST traceable, where available. Multi-element standards are verified against a second-source standard before they are put into use (the only exception is standards purchased directly from NIST), which is described in SOP DV-QA-0015 *Verification and Storage of Chemical Standards and Reagents*.

7.2 Stock standards are purchased as custom multi-element mixes (i.e. LCS Spike Stock Standards, TCLP Spike Stock Standard) or as single-element solutions. Standards are logged into the TALS Reagent Module and are assigned unique identification numbers that can be used to access traceability information.

7.3 All standards must be stored in clean FEP fluorocarbon or polyethylene or polypropylene bottles.

7.4 Stock standard solutions must be replaced prior to the expiration date provided by the manufacturer/vendor. If no expiration date is provided, the stock solutions may be used for up to one year and must be replaced sooner if verification from an independent source indicates a problem.

7.5 Intermediate concentration standards or working standards may be used for up to six months. The expiration date cannot be later than the date assigned to the stock standard.

7.6 Standards containing silver should be protected from light using either a cardboard box or amber containers.

7.7 Any suspect standards are re-verified, and replaced if re-verification fails.

7.8 Reagent water must be produced by a Millipore de-ionized system or equivalent and must achieve the performance specifications for ASTM Type II water, i.e., conductivity < 1.0 µmhos/cm; resistivity > 1.0 megohms-cm; silica < 3.0 µg/L. In addition, the reagent water must be free of the analytes of interest as demonstrated through the analysis of method blanks.

7.9 Nitric acid (HNO_3), concentrated, analytical grade or better.

7.10 Hydrochloric acid (HCl), concentrated, analytical grade or better.

8.0 Sample Collection, Preservation, Shipment and Storage

Preservation techniques and holding times may vary and are dependent on sample matrix, method of choice, regulatory compliance, and/or specific contract or client requests. Listed below are the holding times and the references that include preservation requirements.

Glass containers may be used for metals except for Boron and Silicon. However, their use should be documented in an NCM.

Matrix	Sample Container	Min. Sample Size	Preservation	Holding Time [1,2]	Reference
Water	HDPE	500 mL	HNO_3, pH < 2	180 Days	40 CFR Part 136.3

[1]Inclusive of digestion and analysis.

[2]Potentially dissolved metals have a holding time of 8-96 hours.

9.0 Quality Control

9.1 The minimum quality controls (QC) are described in this section. When processing samples in the laboratory, use the Eurofins Denver LIMS (TALS) Method Comments to determine specific QC requirements that apply. For SOPs that address only preparation, QC acceptance criteria and corrective actions on the analytical results are not included. Refer to the appropriate SOP that describes the determinative method.

9.1.1 The laboratory's standard QC requirements, the process of establishing control limits, and the use of control charts are described more completely in Eurofins Denver policy DV-QA-003P *Quality Control Program*.

9.1.2 Specific QC requirements for Federal programs, e.g., Department of Defense (DoD), Department of Energy (DOE), etc., are described in Eurofins Denver policy DV-QA-024P QA/QC *Requirements for Federal Programs.* This procedure meets all criteria for DoD/DOE QSM unless otherwise stated. Any deviation or exceptions from QSM requirements must have prior approval in the project requirements.

9.1.3 Project-specific requirements can override the requirements presented in this section when there is a written agreement between the laboratory and the client, and the source of those requirements should be described in the project documents. Project-specific requirements are communicated to the analyst via Method Comments in TALS and the Quality Assurance Summaries (QAS) in the public folders.

9.1.4 A preparation batch is a group of up to 20 samples that are of the same matrix and are processed together using the same procedures and reagents. Laboratory-generated QC samples (method blanks, LCS, MS/MSD) are not included in the sample count for determining the size of a

preparation batch. The prep batch consists of the laboratory generated QC and no more than twenty field samples.

9.2 Method Blank (MB)

9.2.1 The method blank consists of reagent water containing all reagents specific to the method that is carried through the entire analytical procedure, including preparation and analysis.

9.2.2 Leach method blanks are prepared by taking the appropriate leachate fluid (see SOP DV-IP-0012 *TCLP & SPLP*) through the procedure as described in Section 10. See section 10.8.1.1 for dilution instructions. Leach method blanks are referred to as LB (extraction fluid 1) and LB2 (extraction fluid 2) in TALS and on the final reports.

9.2.3 One method blank must be processed with each preparation batch. The method blank is used to identify any system and process interferences or contamination of the analytical system that may lead to the reporting of elevated analyte concentrations or false-positive data.

9.3 Laboratory Control Sample (LCS)

9.3.1 One aqueous LCS must be processed with each preparation batch. The LCS must contain all analytes of interest and must be carried through the entire analytical procedure. Clients may also request a duplicate LCS (LCSD).

9.3.2 An LCS for a batch of aqueous samples is prepared by adding a known amount of each spiking solution to 50 mL reagent water. Typically, for ICP samples, 0.5 mL of the stock solutions is added, and for ICP-MS samples 0.1 mL of the stock solutions is added. Amounts added are recorded in TALS.

9.3.3 An LCS for a leach batch is prepared by adding LCS stock standard as normal plus an additional amount of TCLP Spike stock standard (typically 0.5 mL) to the appropriate leachate solution. See section 10.8.1.1 for dilution instructions. Amounts and concentrations are recorded in TALS. (See SOP DV-IP-0012 *TCLP & SPLP*).

9.3.4 The LCS is used to monitor the accuracy of the analytical process. Ongoing monitoring of the LCS results provides evidence that the laboratory is performing the method within acceptable accuracy and precision guidelines.

9.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

9.4.1 A matrix spike (MS) is a field sample to which known concentrations of target analytes have been added. A matrix spike duplicate (MSD) is a second aliquot of the same sample (spiked identically as the MS) prepared and analyzed along with the sample and matrix spike. Normally, one MS/MSD pair is digested with each preparation batch, however, more may

be included as necessary to fulfil project specific requirements. Samples identified as field blanks, equipment blanks, trip blanks, or rinse blanks are not appropriate for use as the batch MS/MSD. Matrix spikes are used to assess sample matrix effects on the accuracy and precision of the analysis.

9.4.2 Methods 200.7 and 200.8 require that a MS is run at a 10% frequency.

9.4.3 Some clients may require unspiked duplicate samples (DUP) in place of, or in addition to, an MS/MSD pair. Check special project instructions attached as Method Comments in TALS and any project QASs before starting the batch.

NOTE: This method does not require a sample duplicate. Precision is measured using the MS/MSD. Use of the MS/MSD precision is preferred as not all samples will contain measurable concentrations of target analytes. Samples that have target analytes at low concentrations or non-detectable levels do not provide useful precision data. When an MS/MSD is not available, the LCS and LCSD are used to measure precision.

9.4.4 If insufficient sample is available to process an MS/MSD pair, then a duplicate LCS (LCSD) must be processed and an NCM generated. DoD requires the MS/MSD to be assigned by the client. When there is no assigned MS/MSD or there is not enough sample volume provided an LCSD must be prepared.

9.4.5 Matrix spikes for aqueous samples are prepared by adding a known amount of each spiking solution to 50 mL reagent water. Typically, for ICP samples, 0.5 mL of the stock solutions is added, and for ICP-MS samples 0.1 mL of the stock solutions is added. Amounts added are recorded in TALS.

9.4.6 Matrix spikes for leach batches are prepared by adding matrix spikes as normal plus an additional amount of TCLP Spike stock standard (typically 0.5 mL) to the parent leach aliquot. See section 10.8.1.1 for dilution instructions. Amounts and concentrations are recorded in TALS.

10.0 Procedure

10.1 One-time procedural variations are allowed only if deemed necessary in the professional judgment of supervision to accommodate variation in sample matrix, radioactivity, chemistry, sample size, or other parameters. Any variation in procedure shall be completely documented using a non-conformance memo (NCM). The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. The NCM shall be filed in the project file and addressed in the case narrative.

10.2 Any deviations from this procedure identified after the work has been completed must be documented in an NCM.

10.3 All data shall be recorded directly on the described forms, logbooks, electronic forms, or directly in TALS at the time of data generation. It is not acceptable to record data on loose papers, scraps of paper, gloves, sample vials, or "Post-It" notes. Data may be recorded on paper bench sheets if the sheets are subsequently scanned and saved in a designated folder on the company server.

10.4 All equipment IDs for any support equipment (pipettes, thermometers, etc.) must be recorded in the batch record.

10.5 Sample Receipt

10.5.1 Samples are typically logged in as either water or solid. Waste, such as organic liquids or sludges and tissues (animal/vegetable), are usually logged in with solid test codes. When initiating sample preparation, examine the sample to see if the sample matches the matrix designation. If the sample is logged in as aqueous, but it appears to be a waste (biphasic, oil, sludge-like, organic liquid, lots of sediment, etc.), contact the project manager and the laboratory Technical Specialist for further instructions. It may be necessary to subcontract these samples to a laboratory with the capability to digest organic matrices.

NOTE: Eurofins Denver has not implemented digestion methods for water-immiscible organic matrices, e.g., oils. Samples that are known to be incompatible with Eurofins Denver digestion techniques are typically subcontracted to other laboratories.

10.5.2 All samples are to be electronically scanned into metals custody using the TALS Internal Chain of Custody (ICOC) module. Export the scanned samples to an excel file. Save the file as the date and time of transfer. Save file to G: Metals>Sample pHs.

10.5.3 Proper sample identification is extremely important in any preparation procedure. Labeling of beakers, digestion tubes, and bottles must be done in a manner to ensure connection with the proper sample.

10.5.4 If possible, prepare all the samples of a project at the same time to minimize the QC required and streamline the flow of the project through the lab, data review and reporting.

10.5.5 Guidelines are provided in Appendix 1 on procedures to minimize contamination of samples and standards.

10.6 Verify Sample pH

10.6.1 Measure the sample pH with pH paper using a separate homogenized aliquot of sample. This can be done using disposable plastic droppers or pouring the sample on to the pH paper. Do not put the pH paper directly into the bottle.

10.6.2 Confirm with client label and Eurofins label what preservation and therefore what pH the sample should have. Metals samples should be either

unpreserved or preserved to pH<2 with nitric acid. If there are discrepancies between the bottle type, labels, or pH bring the sample to the attention of the technical specialist before continuing.

10.6.3 All water sample pH's must be verified upon receipt and documented in the excel file exported from section 10.5.2 above. Open the excel file, add a column titled "pH ok?" or similar. Fill in "yes" or "no". If pH is not correct, then add a brief comment in the column to indicate the issue. All water sample pH's must be documented in the TALS batch record before digestion as well.

10.6.4 If the pH>2 for a sample requiring acidic preservation, record the job in the Sample Filtration and Preservation Logbook. Create a corresponding NCM for preservation.

10.6.5 If laboratory preservation is required, no more than 1% of total sample volume of conc. HNO_3 to the sample. (Example: if the sample is 500mL, up to 5 mL total of acid may be added.) Replace the lid and mix the sample. If the pH is still >2 create an NCM saying the sample will not preserve.

10.6.6 Allow the sample to sit for 24 hours following acidification.

10.6.7 Recheck the pH of the sample. If the pH is still >2 after the addition of the maximum 1% allowable HNO_3, create an NCM saying the sample will not preserve. If the pH is <2, create an NCM saying that the sample was received with insufficient preservative, preservative was added, and the sample was successfully preserved.

10.6.8 Samples cannot be digested for 24 hours after preservation. Note the date/time of this pH recheck in the Sample Filtration and Preservation Logbook.

10.6.9 Leachates or portions of leachates for metallic analyte determinations must be acidified with nitric acid to a pH <2 unless precipitation occurs. Test a small portion of sample to see if precipitation occurs. If a precipitate forms do not acidify the leachate and analyze as soon as possible. Leachates may be digested as soon as they are acidified.

10.7 Lab Filtration

10.7.1 Samples requiring dissolved metals determination are either filtered and preserved in the field or are filtered and preserved by the laboratory as soon as possible after receiving the samples. These samples will be designated in TALS as either field filtered, or lab filtered. Samples that require lab filtration before digestion shall be processed as follows:

10.7.2 Collect the desired unfiltered, unpreserved samples. These may be in metals storage or in a fridge. Verify with the sample labels and pH of the sample that the sample is unpreserved. The sample should have an approximately neutral pH.

10.7.3 Using a 0.45µm pore filter, filter samples into clean, labelled containers. Filter a minimum volume of 50mL for samples undergoing 6020, 6010, 200.8 or 200.7. For samples undergoing Hg by 7470 or 245.1, filter a minimum of 30mL.

10.7.4 If samples are not easily filtered, or appear thick and/or opaque, they may first be filtered through a paper filter with a larger pore size. They shall then be filtered through a 0.45 µm filter.

10.7.5 When any sample in a preparation batch is filtered, filters of the same type are also used to prepare the method blank and the LCS in the batch. Acceptable results for the QC samples demonstrate that the filters do not contribute to positive or negative interferences.

10.7.6 Record lot number of any filters used and (if applicable) syringes in the filtration batch information in TALS.

10.7.7 Preserve the samples by adding HNO_3 at a maximum amount of 1% the filtered sample's volume (e.g. if 100 mL has been filtered, up to 1 mL of HNO_3 may be added).

10.7.8 Record lot number of HNO_3 in the filtration batch information in TALS.

10.7.9 Record all filtered and preserved samples in the Laboratory Sample Filtration and Preservation Logbook. Verify the pH is <2 after 24 hours minimum post preservation. Record the verification in the logbook. Add an appropriate NCM to any samples that were not successfully preserved.

10.7.10 For potentially dissolved samples, all above steps should be followed. However, the samples shall be preserved before filtration. An already preserved sample will be provided from the client or an aliquot of unpreserved volume may need to be poured into a separate container, preserved, and then filtered. Potentially dissolved samples must be filtered between 8-96 hours after preservation.

10.7.11 Samples and batch QC requiring filtration are to be put into a filtration batch. A filtration batch is to have no more than 20 samples.

10.8 Sample Prep Setup

10.8.1 Select an unfiltered fraction for total or total recoverable analysis or the lab filtered or field filtered fraction for dissolved analysis. For leaches select the proper sample leachates.

10.8.1.1 Standard dilutions for leaches are as follows (this shall be consistent for the MB, LC, MS and MSD):
TCLP = 10mL: 50mL
STLC = 10mL : 50mL
SPLP = no dilution

10.8.2 Mix the sample by shaking the container.

10.8.3 Measure and transfer 50 mL of the sample into a digestion tube (record the lot number of the digestion tubes used in TALS). When using calibrated digestion tubes, pour the sample into the tube to the 50 mL mark. For leach sample batches pour aliquots of samples as described by 10.8.1.1 and bring to 50 mL with reagent water if needed. Unless specifically required for a project, all samples are measured by volume and not by weight. Record the volume and units on the preparation bench sheet in TALS. If the digestion cup is filled beyond the required mark, the excess sample must not be poured back into the original container but must be disposed of as waste.

10.8.4 Mix the sample by shaking the container and then measure two extra aliquots of the sample that is selected for the MS/MSD analysis. Spike each aliquot as described in Section 9.4. Refer to Section 9.4.6 for specific instructions for spiking the selected TCLP sample.

10.8.5 Measure and transfer 50 mL of reagent water into a digestion tube for the method blank. For leach sample batches, measure an aliquot of the leachate solution (see 10.8.1.1) and bring to 50 mL with reagent water if needed for the blank. See Section 9.2 for a detailed description of the method blank. For lab filtered samples, use the MB prepared per Section 10.7.

10.8.6 Measure and transfer 50 mL of reagent water into a digestion tube for the LCS and add the spiking solutions as described in Section 9.3. For leach sample batches, use an aliquot of leachate fluid and bring to a final volume of 50 mL with reagent water for preparing the LCS (Section 9.3.3 and 10.8.1.1). For lab filtered samples, use the LCS prepared per Section 10.7

10.8.7 Record all standards, volumes, and pipette identifications in TALS.

10.8.8 If dilutions were required due to insufficient sample, interferences, or other problems, record this in TALS along with an NCM stating the need for a dilution and reason.

10.8.9 For the manual digestion procedure, continue with Section 10.9. For the auto-digestion procedure, go to Section 10.10.

10.9 Manual Digestion Procedure

10.9.1 Add 2.5 mL of concentrated HNO_3 to the sample in the digestion tube.

NOTE: Samples that change color with the addition of nitric acid may need additional acid or may need dilution to digest completely. Samples that react violently with the addition of acid will need dilution. Document the additional acid or dilution in an NCM.

10.9.2 Heat at 90 - 95 °C until volume is reduced to approximately 10 mL. Record the start and stop times, digestion block temperature (observed and corrected) and the thermometer ID in TALS. The digestion block

temperature must be maintained between 90 and 95 °C. If the recorded temperature is not within this range, affected samples must either be re-prepared or have an NCM attached within the prep batch.

CAUTION: DO NOT ALLOW SAMPLE TO BOIL OR GO DRY. Doing so will result in the loss of analyte and the sample must be re-prepared.

NOTE: The temperature must be monitored continuously while in use and must be recorded in TALS. The temperature must be monitored by measuring the temperature of reagent water contained in a capped digestion tube that is placed in each digestion block. The thermometer used and the start and end times for all temperature cycles are recorded in TALS.

10.9.3 Allow the digestion tube to cool as needed to reduce reactivity.

10.9.4 Add 2.5 mL of concentrated HCl and cover the sample with a watch glass or cap.

10.9.5 Cover and place in hot block; reflux for an additional 15 minutes.

10.9.6 Wash down the digestion tube walls and watch glass (or digestion tube cover) with reagent water.

10.9.7 Adjust to 50 mL final volume with reagent water. Homogenize thoroughly.

10.9.8 The sample is now ready for analysis.

10.10 Automated Digestion by DEENA System

10.10.1 Perform maintenance and checks as needed on the DEENA system before use. Fill all reagent bottles. Empty waste.

10.10.2 Set temperature to 107°C (or adjusted as needed to meet temperature requirements). Verify temperature is between 90-95°C using the “get temp” button in manual control. For automated digestion, temperature monitoring is performed by the temperature probe in the DEENA system.

10.10.3 Load workspace for appropriate method/instrument. Select locations and load poured and spiked samples onto racks.

10.10.4 An approximate template for the method is shown below. Adjustments will be made as necessary for temperatures, times, and volumes.

Heat for 15 min at 104°C
Flush with 10 mL of DI H_2O
Flush with 10 mL HNO_3
Dispense 2.5 mL HNO_3
Flush with 20 mL of DI H_2O
Heat for 30 min at 104°C
Record Temperature
Heat for 320 min at 104°C
Record Temperature
Cool for 10 minutes.
Flush with 10 mL of HCl
Dispense 2.5 mL HCl
Flush with 15 mL of DI H_2O
Heat for 15 minutes at 104°C
Fill to 40 mL
Set temperature to 20°C

10.10.5 Re-volume to 50 mL, cap and shake the samples. Record all data as with a manual batch.

NOTE 1: The DEENA's should not be used for samples that might react and foam over on addition of acid as it can ruin the instrument.

NOTE 2: The samples at the end of the run should all have the same approximate end volume. If they do not, the cause must be investigated.

11.0 Documentation and Record Management

11.1 All of the preparation information is recorded and stored in TALS. This includes:
Batch number, job and sample numbers, sample bottle letter;
Preparation date, and analyst name;
Matrix and prep type;
Initial sample pH, Final sample pH
Initial sample volume and final volume;
Reagent manufacturer, lot number for each reagent used;
Digestion tube lot number;
Standard identification number;
Start and stop times for digestions;
Hot block ID
Observed and corrected temperature readings during digestion;
Identification numbers of calibrated measuring equipment used (thermometers, balances, pipettes, etc.)
NCM's for any nonconforming issues or samples

11.2 Fill out batch information in TALS correctly and completely. If fields are not applicable, fill with "N/A" as opposed to leaving fields blank.

12.0 Method Performance

12.1 Method Detection Limit Study (MDL)

Before analyzing samples, the laboratory must establish an MDL. The method detection limit (MDL) is the lowest concentration that can be detected for a given analytical method and sample matrix with 99% confidence that the analyte is present. MDLs reflect a calculated (statistical) value determined under ideal laboratory conditions in a clean matrix and may not be achievable in all environmental matrices. An initial method detection limit study is performed in accordance with Eurofins Denver SOP CA-Q-S-006 *Detection and Quantitation Limits*. The laboratory maintains MDL studies for analyses performed; these are verified at least annually unless method or program requirements require a greater frequency. MDL verifications (MDLV) are performed quarterly.

12.2 Limit of Quantitation Verification (LOQV)

The verification of the limit of quantitation (LOQ or LLOQ) is performed quarterly for work performed according to the DOD/DOE QSM. A blank matrix is spiked at or below the laboratory RL and carried through the entire preparation and analytical procedures. Recoveries are assessed based on historical limits.

12.3 Demonstration of Capabilities (DOC / IDOC)

All personnel are required to perform an initial DOC for the methods they will be preparing samples for. On-going proficiency must be demonstrated annually. IDOCs and on-going proficiency demonstrations are conducted according to SOP DV-QA-0024 *Training*.

12.4 Training Requirements

The Group Leader is responsible for ensuring that this procedure is performed by an associate who has been properly trained in its use and has the required experience. A new analyst must be working under documented supervision prior to approval of the IDOC. Documentation that a new analyst is performing under supervision must be entered into the batch record (View Batch Information) until that analyst's IDOC has been approved by the QA Manager (or designee). See requirements for demonstration of analyst proficiency in SOP DV-QA-0024 *Training*.

13.0 Pollution Control

13.1 This method allows for the proportional reduction of sample and reagent volumes to decrease waste generation.

13.2 Standards and reagents should be prepared in volumes consistent with laboratory use to minimize the volume of expired standards and reagents requiring disposal.

14.0 Waste Management

14.1 All waste will be disposed of in accordance with Federal, State, and local regulations. Where reasonably feasible, technological changes have been implemented to minimize the potential for pollution of the environment. Employees will abide by this procedure, the policies in Section 13, *Waste Management and*

Pollution Prevention, of the Environmental Health and Safety Manual, and DV-HS-001P *Waste Management Plan*.

14.2 The following waste streams are produced when this method is carried out:

14.2.1 Expired Chemicals/Reagents/Standards: Contact Waste Coordinator

14.2.2 Acidic waste from sample digests: Waste Stream J.

NOTE: Radioactive, mixed waste and potentially radioactive waste must be segregated from non-radioactive waste as appropriate. Contact the Waste Coordinator for proper management of radioactive or potentially radioactive waste generated by this procedure.

15.0 References / Cross-References

15.1 SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, Third Edition and all promulgated updates, EPA Office of Solid Waste, January 2005.

15.1.1 Method 3005A, Acid Digestion of Waters for Total Recoverable or Dissolved Metals for Analysis by FLAA or ICP Spectroscopy, Revision 1, July 1992.

15.1.2 Method 3010A, Acid Digestion of Aqueous Samples and Extracts for Total Metals for Analysis by FLAA or ICP Spectroscopy, Revision 1, July 1992.

15.1.3 Method 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals for Analysis by GFAA Spectroscopy, Revision 1, July 1992.

15.2 Method 200.7, Determination of Metals And Trace Elements In Water And Wastes By Inductively Coupled Plasma-Atomic Emission Spectrometry, Revision 4.4, 1994.

15.3 Method 200.8, Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma – Mass Spectroscopy, Revision 5.4, May 1994.

16.0 Method Modifications

Item	Modification
1	EPA Methods 200.7_Prep and 200.8 Prep: It was determined by technical review that several of the EPA methods were equivalent to the SW-846 methods and therefore were combined under the scope of this SOP as described in Section 10. The nature of the differences were deemed insignificant in regards to the amount of acid added and the evaporative volume based on the flexibility allowed by the methods (i.e., add additional acid as required) and the subjective wording of the methods (i.e., evaporate to near dryness versus an exact volume).
2	Chapter 1 of SW-846 states that the method blank should not contain

	any analyte of interest at or above the MDL. This SOP states that the method blank must not contain any analyte of interest at or above ½ the reporting limit. Common laboratory contaminants are allowed up to the reporting limit in the blank following consultation with the client.
3	The referenced methods use 100 mL of sample for digestion. This SOP uses a 50 mL aliquot, with a proportional reduction in digestion reagents. This change is made to allow better control of temperature and potential sample contamination with the use of the digestion block. It is also considered one of the laboratory's hazardous waste reduction initiatives.
4	The use of reduced sample volumes are supported in EPA's document "Response to Public Comments Background Document, Promulgation of the Second Update to SW-846, Third Edition" dated November 3, 1994. This document states "flexibility to alter digestion volumes is addressed and 'allowed' by the table (3-1) and is also inherently allowed by specific digestion methods. Table 3-1 is only to be used as guidance when collecting samples..." EMSL-Ci has also taken the stance that "reduction in sample size and appropriate corresponding reduction in sample volume is not considered a significant change in the methodology."
5	Section 7.2 of Method 3020A states that the volume should be reduced to 3 mL, but also states that no portion of the bottom of the digestion tube should go dry. The volume required by this SOP is a closer approximation of the volume required to provide an adequate covering of the bottom of the digestion tube so as to prevent the loss of critical analytes through volatilization.
6	All methods have been modified to optimize recoveries and to combine prep methods. The final acid concentration in the digestate is 5% HCL and 5% HNO3 (v/v%). The lab employs collision cell technology for ICPMS which reduces interferences by chloride.
7	Watch glasses are not used during the initial digestion/evaporation step while sample volume is reducing. This modification does not impact the results of digestion as the step was included in the methodology only as a way of mitigating contamination and other steps may be taken to prevent sample contamination.
8	Method 200.7 and 200.8 require samples to be redigested if the silver is greater than 0.1 mg/L. However, as this SOP includes the use of 5% HCl, silver is stable up to 1 mg/L.

17.0 Attachments

Appendix 1. Contamination Control Guidelines

18.0 Revision History

This section has been added beginning with Revision 0. Only details of the last two revisions are incorporated into this SOP. Prior revisions are documented in the QA files and available upon request.

Revision 17 dated

- Updated formatting and language throughout
- Section 4.6, 9, 9.1.4 , 9.4.4, 10.7.8, 10.9.8, 11.3, 11.4 removed discussions pertaining to the analytical methods, see associated analytical SOP's
- Section 6.1.3 Removed centrifuge as it is not mentioned in the SOP
- Section 8.0 Added information about use of glass containers. Clarified holding time range for PD metals
- Section 9.1 (second instance) removed Initial performance studies as this information can be found in method performance section
- Section 9.2 MS/D samples are not counted as field samples
- Section 9.6.6, 16 Matrix spikes for TCLP are not spiked prior to preservation see TCLP SOP
- Section 10.5.2 and 10.6.3 Added instruction for pH record keeping
- Section 10.6.1.6 and 10.6.1.8 Changed 16 hours to 24 hours per 40CFR
- Section 10.6.1.5, 10.6.1.7 removed instruction to add smaller aliquots of acid at a time. The full amount of acid may be added initially.
- Section 10.6.1.4, 10.6.1.7, 10.8.8 Added instructions to properly ncm
- Section 10.6.2 Added section to verify sample labels
- Section 10.9 Removed section. Information already present elsewhere in the SOP, or was moved to more appropriate section.
- Section 10.10.1 Added instruction to perform DEENA maintenance
- Section 10.6 Verify Sample pH instructions added.
- Section 10.7 Lab filtration section added
- Section 10.9.2 added instructions for corrective action for temperatures.
- Data Reduction and calculation section removed – not applicable
- Table 1 removed. Analytes added to section 1.3, Removed from section 17
- Table 2 removed. Relevant to analytical method. Removed from section 17

Revision 16 dated 01 April 2023

- Section 6.2.3 was updated to include optional filter paper.
- Original Section 7.9 TCLP Mercury spike was removed.
- Section 10.6.6.1 was modified as the ICOC is not printed out.
- Section 8.0 was modified to include a footnote for clarification of potentially dissolved metals hold time.
- Section 16.7 method modification indicating that watch glasses are not used for first evaporation step was added.
- A note about silver in methods 200.7 and 200.8 was removed from section 4.5 and added to section 16.8 as a method modification.
- Sections 10.6.1.5 and 10.6.1.7 had digestion time updated from 24 hours to 16 hours.

Appendix 1.

Contamination Control Guidelines

The following procedures are strongly recommended to prevent contamination:

- All work areas used to prepare standards and spikes should be cleaned before and after each use.
- All glassware should be washed with detergent and tap water and rinsed with 1:1 nitric acid followed by deionized water.
- Proper laboratory housekeeping is essential in the reduction of contamination in the metals laboratory. All work areas must be kept scrupulously clean.
- Powdered or latex gloves must not be used in the metals laboratory since the powder contains silica and zinc, as well as other metallic analytes. Only vinyl or nitrile gloves should be used in the metals laboratory.
- Glassware should be periodically checked for cracks and etches and discarded if found. Etched glassware can cause cross contamination of any metallic analytes.
- Autosampler trays should be covered to reduce the possibility of contamination. Trace levels of elements being analyzed in the samples can be easily contaminated by dust particles in the laboratory.

The following are helpful hints in the identification of the source of contaminants:

- Reagents or standards can contain contaminants or be contaminated with the improper use of a pipette.
- Improper cleaning of glassware can cause contamination.
- Separate glassware if an unusually high sample is analyzed and soak with sulfuric acid prior to routine cleaning.

Electronic Copy Only

Title: Acid Digestion of Solids [Method EPA 3050B and 3051A]

Approvals (Signature/Date):

Rachel Speights 03/11/2024 Rachel Speights Date Technical Specialist	Reed Pottruff 3/11/2024 Reed Pottruff Date Health & Safety Manager / Coordinator
Kelly Maddox 3/11/2024 Kelly Maddox Date Quality Assurance Manager	Anthony Grimaldi 3/12/2024 Anthony Grimaldi Date Business Unit Manager

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1.0 Scope and Application

1.1 This is a strong acid digestion procedure for the preparation of sediments, sludge, soils, and other types of solid materials by EPA Method 3050B or EPA Method 3051A for analysis by inductively coupled plasma atomic emission spectroscopy (ICP) or inductively coupled plasma-mass spectrometry (ICP/MS).

1.2 Methods 3050B and 3051A are designed to determine the concentration of "environmentally available" metals and are not a true "total metals" digestion (see discussion below). The procedure is used primarily for hazardous waste characterization and other Resource Conservation and Recovery Act (RCRA) compliance testing.

1.3 The elements approved for Methods 3050B and 3051A are shown in Table I. The source methods also mention that other elements may be prepared by the method if the quality control requirements are met. The complete list of elements routinely included in this procedure by Eurofins Denver is shown in Table II.

1.4 If sample preparation utilizing the Incremental Sampling Method is required, see SOP DV-OP-0013 *Incremental Sampling Methodology for Soils and Sediments* for the procedure required prior to acid digestion for metals incorporating this procedure.

2.0 Summary of Method

For method 3050B, a representative 1 to 1.5 gram portion of sample is digested with two cycles of nitric acid additions, followed by hydrogen peroxide digestion. The sample is also refluxed with hydrochloric acid. The resulting solution is filtered and diluted to volume with reagent water. For method 3051A, a representative ~0.5 gram portion of sample is extracted in concentrated nitric and hydrochloric acids using microwave heating. The resulting solution is filtered, centrifuged or decanted and diluted to volume with reagent water.

3.0 Definitions

3.1 Refer to the Glossary of the Eurofins Denver Quality Assurance Manual (QAM) and policy DV-QA-003P *Quality Control Program* for definitions of general analytical and QA/QC terms.

3.2 **Total Metals -** Although the methods are often referred to as a "total metals" digestion, it is important to understand that there are many compounds formed from these elements that are not efficiently dissolved using this digestion procedure. It is more accurately termed a strong acid digestion procedure. The limitations are discussed further in Section 4 (Interferences) below. Method 3050B itself states, "This method is not a total digestion technique for most samples." There are a variety of total digestion procedures used for metal assay, geochemical analysis, etc., that involve more vigorous digestions.

3.3 **Preparation Batch -** A group of up to 20 samples that are of the same matrix and are processed together using the same lots of reagents and standards. The

minimum QC elements in a batch are outlined in Section 9. Laboratory generated QC samples (method blanks, LCS, MS/MSD) are not counted towards the maximum 20 samples in a batch. Field QC samples are included in the batch count.

3.4 **Reagent Water –** Water that is free of the analytes of interest. In the Metals group, reagent water is obtained from a Barnstead E-Pure water purification system or equivalent.

4.0 Interferences

4.1 There are common compounds formed by the elements of interest (e.g., barium sulfate, beryllium oxide, silicon dioxide, crystalline silicates, titanium dioxide, etc.) that are not efficiently dissolved using this EPA approved procedure.

4.2 Silicon or silica are occasionally requested as part of the Method 3050B or 3051A digestion. However, this digestion will include only acid-soluble silicon, and will not dissolve crystalline silica. The analysis is for silicon, but the final result is sometimes expressed as silica rather than silicon.

4.3 Potential sources of trace metals contamination include metallic or metal-containing labware (e.g., powdered gloves which contain high levels of zinc), containers, impure reagents, dirty glassware, improper sample transfers, dirty work areas, atmospheric inputs such as dirt and dust, etc. Be aware of potential sources of contamination and take appropriate measures to minimize or avoid them. See Attachment 1 for more information regarding contaminant control.

4.4 The entire work area, including the bench top and fume hood, should be thoroughly cleaned on a routine schedule in order to minimize the potential for environmental contamination.

4.5 For critical low-level determinations of boron and silica, only quartz and/or plastic labware should be used.

4.6 Physical interference effects may contribute to inaccuracies in the determinations of trace elements. Oils, solvents, and other matrix materials may not be digested using these methods if they are not soluble in acids. If physical interferences are present, they should be documented.

4.7 Allowing samples to boil or go dry during digestion may result in the loss of volatile metals or conversion of metals to insoluble forms. For example, antimony is easily lost by volatilization from hydrochloric media. If this occurs the sample must be re-prepared.

4.8 Visual interferences or anomalies (such as foaming, emulsions, precipitates, etc.) must be documented.

5.0 Safety

5.1 Employees must abide by the policies and procedures in the Environmental Health and Safety Manual, Radiation Safety Manual and this document.

5.2 This procedure may involve hazardous material, operations and equipment. This SOP does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of the method to follow appropriate safety, waste disposal and health practices under the assumption that all samples and reagents are potentially hazardous. Safety glasses, nitrile or latex gloves, lab coats and closed-toe, nonabsorbent shoes are a minimum.

5.3 Specific Safety Concerns or Requirements

5.3.1 Samples that contain high concentrations of carbonates or organic materials or samples that are at elevated pH can react violently when acids are added. If any solid sample appears to be a chemical substance rather than an environmental sample, consult with the group supervisor or the Project Manager (PM) before adding acid.

5.3.2 Eye protection that satisfies ANSI Z87.1, laboratory coat, and nitrile gloves must be worn while handling samples, standards, solvents, and reagents. Disposable gloves that have been contaminated must be removed and discarded; non-disposable gloves must be cleaned immediately.

5.4 Primary Materials Used

The following is a list of the materials used in this method, which have a serious or significant hazard rating. **Note: This list does not include all materials used in the method. The table contains a summary of the primary hazards listed in the SDS for each of the materials listed in the table.** A complete list of materials used in the method can be found in the reagents and materials section. Employees must review the information in the SDS for each material before using it for the first time or when there are major changes to the SDS.

Material [1]	Hazards	Exposure Limit[2]	Signs and Symptoms of Exposure
Hydrogen Peroxide, H_2O_2	Oxidizer Corrosive Poison	1 ppm TWA 1.4 mg/m^3 TWA 75 ppm IDLH	Contact with other materials may cause fire. Eye contact may result in permanent eye damage. Causes eye and skin burns. Corrosive: May cause severe respiratory tract irritation. Harmful if swallowed, may cause digestive tract irritation or burns.
Nitric Acid, HNO_3	Corrosive Oxidizer Poison	2 ppm-TWA 4 ppm-STEL	Nitric acid is extremely hazardous; it is corrosive, reactive, an oxidizer, and a poison. Inhalation of vapors can cause breathing difficulties and lead to pneumonia and pulmonary edema, which may be fatal. Other symptoms may include coughing, choking, and irritation of the nose, throat, and respiratory tract. Can cause redness, pain, and severe skin burns. Concentrated solutions cause deep ulcers and stain skin a yellow or yellow-brown color. Vapors are irritating and may cause damage to the eyes. Contact may cause severe burns and permanent eye damage.

Hydrochloric Acid, HCl	Corrosive Poison	5 ppm-Ceiling	Inhalation of vapors can cause coughing, choking, inflammation of the nose, throat, and upper respiratory tract, and in severe cases, pulmonary edema, circulatory failure, and death. Can cause redness, pain, and severe skin burns. Vapors are irritating and may cause damage to the eyes. Contact may cause severe burns and permanent eye damage.
(1) Always add acid to water to prevent violent reactions. (2) Exposure limit refers to the OSHA regulatory exposure limit.			

6.0 Equipment and Supplies

All equipment IDs for any support equipment (pipettes, thermometers, etc.) must be recorded in the batch record.

6.1 Instrumentation

6.1.1 Top-loading balance capable of accurately weighing to the nearest 0.01 grams.

Note: Balances are serviced annually and the accuracy checked daily using three standard masses. See SOP DV-QA-0014 *Selecting and Using Balances* for details.

6.1.2 [3050B] Digestion "Hot Block" or equivalent heating device capable of maintaining a temperature of 90-95 °C.

6.1.3 [3051A] CEM-Mars 6 Microwave, compliant with EPA method 3051 section 6 specifications.

6.2 Supplies

6.2.1 Thermometers (non-mercury liquid filled or digital) that cover a temperature range including 80-110 °C with clearly visible 1 °C increments.

Note: Thermometers are calibrated before use and periodically as described in SOP DV-QA-0001 *Thermometer Calibration*. Liquid-filled thermometers must have a tag indicating that the accuracy was checked by the QA group within the last 12 months. Digital thermometers must have a tag showing that they were checked within the last three months.

6.2.2 Disposable digestion tubes, with volume accuracy verified gravimetrically per lot. See SOP DV-QA-0008 *Volumetric Verification.*

6.2.3 Watch glasses, ribbed or equivalent, or disposable digestion tube covers.

6.2.4 Whatman 41 filter paper, or equivalent.

6.2.5 Whatman GD/XP - PVDF membrane, 0.45-micron syringe filters, No. 6973-2504, for trace metal analysis, or equivalent.

6.2.6 Syringes or equivalent filtration apparatus.

6.2.7 Disposable plastic funnels.

6.2.8 Disposable wooden spatulas for subsampling.

6.2.9 Centrifuge, capable of at least 2,000 rpm.

6.2.10 Calibrated automatic pipettes with corresponding pipette tips or Class A glass volumetric pipettes.

Note: Mechanical pipettes are calibrated before use as described in SOP DV-QA-0008 *Volumetric Verification*.

6.2.11 110 mL TFM MARSXpress vessels or equivalent

6.2.12 MARSXpress disposable vessel liners with spreading tool or equivalent

7.0 Reagents and Standards

Reagent grade chemicals shall be used in all tests. Unless otherwise indicated, it is intended that all reagents shall conform to the specifications of the Committee on Analytical Reagents of the American Chemical Society, where such specifications are available. Other grades may be used, provided it is first ascertained that the reagent is of sufficiently high purity to permit its use without lessening the accuracy of the determination.

7.1 Reagent water – Millipore DI system or equivalent, 10-18.2 megohm-cm. See SOP DV-QA-0026 *DI Water Monitoring* for daily water monitoring procedure.

7.2 Nitric acid (HNO_3), concentrated

7.3 Hydrochloric acid (HCl), concentrated

7.4 30% Hydrogen peroxide (H_2O_2)

7.5 Glass beads (for DoD projects), ≤ 1 mm diameter, washed with aqua regia or equivalent (boiling chips)

7.6 Standards

7.6.1 All standards must be NIST traceable. Unless purchased directly from NIST, the accuracy of each standard is verified before the initial use, as described in SOP DV-QA-0015 *Verification and Storage of Chemical Standards and Reagents.*

7.6.2 Storage and Shelf Life of Metal Standards

7.6.2.1 Standards must be stored in FEP fluorocarbon or previously unused polyethylene or polypropylene bottles. They are stored at room temperature.

7.6.2.2 Stock standard solutions must be replaced prior to the expiration date provided by the manufacturer. If no expiration date is provided, the stock solutions may be used for up to one year and must be replaced sooner if verification from an independent source indicates a problem.

7.6.3 LCS and MS Spike Solutions

7.6.3.1 ICP and ICP/MS spike solutions are purchased as custom-made solutions from a commercial vendor at ready-to-use concentrations or made in house. No further dilutions are needed.

7.6.3.2 If a non-routine element is required that is not contained in the custom-made solution, single-element solutions from a commercial vendor may also be used.

7.6.3.3 Intermediate standards prepared in the laboratory may be used for spiking if the procedures for standard recording and verification outlined in SOP DV-QA-0015 *Verification and Storage of Chemical Standards and Reagents* are followed.

7.6.3.4 All spikes used for sample digestion will be recorded in the Reagent module in TALS.

8.0 Sample Collection, Preservation, Shipment and Storage

8.1 Sample holding time for metals included under the scope of this SOP is 180 days from the date of collection to the date of analysis.

8.2 Soil samples do not require chemical preservation but are stored at ≤6 °C until the time of analysis.

Matrix	Sample Container	Min. Sample Size	Preservation[1]	Holding Time[2]	Reference
Soils	Glass	3 grams	Cool ≤ 6 °C	180 Days	N/A

[1] Although ICP analysis of soil does not require refrigeration of the samples, mercury analysis does require refrigeration. Samples which will be used to aliquot for both analyses must be refrigerated.

[2] Inclusive of digestion and analysis.

9.0 Quality Control

9.1 The minimum quality controls (QC) are described in this section. When processing samples in the laboratory, use the LIMS Method Comments to determine specific QC requirements that apply. For SOPs that address only preparation, QC acceptance limits on the analytical results are not included. Refer to the appropriate SOP that describes the determinative method.

9.1.1 The laboratory's standard QC requirements, the process of establishing control limits, and the use of control charts are described more completely in Eurofins Denver policy DV-QA-003P *Quality Control Program*.

9.1.2 Specific QC requirements for Federal programs, e.g., Department of Defense (DoD), Department of Energy (DOE), etc., are described in Eurofins Denver policy DV-QA-024P *QA/QC Requirements for Federal Programs*. This procedure meets all criteria for DoD QSM unless otherwise stated. Any deviation or exceptions from QSM requirements must have prior approval in the project requirements.

9.1.3 Project-specific requirements can override the requirements presented in this section when there is a written agreement between the laboratory and the client, and the source of those requirements should be described in the project documents. Project-specific requirements are communicated to the analyst via Method Comments in the LIMS and the Quality Assurance Summaries (QAS) in the public folders.

9.2 Minimum QC Requirements

Each preparation batch must contain a method blank (MB), a laboratory control sample (LCS), and a matrix spike/matrix spike duplicate (MS/MSD) pair. Note that some programs require an unspiked duplicate sample in place of or in addition to the duplicate matrix spike. Be sure to check special instructions in TALS. If clients specify specific samples for the MS and MSD, the batch may contain multiple MS/MSD pairs. For SOPs that address only preparation, QC acceptance criteria and corrective actions on the analytical results are not included. Refer to the appropriate SOP that describes the determinative method.

NOTE: Boiling chips are required for DoD projects only and may be omitted for commercial projects. When adding boiling chips to the Method Blank and LCS digestion tubes, the nominal weight must be entered into the Initial Amount field in TALS. The true weight of boiling chips should be recorded in the Notes field on the Worksheet tab in the preparation batch.

9.2.1 Method Blank (MB)

One method blank must be processed with each preparation batch. The method blank consists of reagent water containing all reagents specific to the method that is carried through the entire analytical

procedure, including preparation and analysis. Soil method blanks are prepared by taking 5 mL of reagent water through the procedure described in Section 10. Add 1.0 g of prewashed boiling chips to the blank, if required, to simulate a solid matrix.

The method blank is used to identify any system and process interferences or contamination of the analytical system that may lead to the reporting of elevated analyte concentrations or false positive data.

9.2.2 Laboratory Control Sample (LCS)

One aqueous LCS must be processed with each preparation batch. The LCS contains reagent water that is spiked with all the analytes of interest and is carried through the entire analytical procedure. A duplicate LCS (LCSD) must be prepared when there is insufficient sample volume to perform an MS/MSD. The LCS is used to monitor the accuracy of the analytical process.

The typical spike solutions described in Section 7.6.3 are used to prepare the LCS as follows:

Add 1.0 g of prewashed glass chips to the LCS, if required, to simulate a solid matrix. Add approximately 5-10 mL of reagent water to each tube. Typically, for ICP and ICPMS samples, 1.0 mL of the appropriate stock solutions are added.

Amounts and concentrations are recorded in TALS and may change depending on project or lab requirements.

9.2.3 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

One MS/MSD pair must be processed for each preparation batch. A matrix spike (MS) is a second aliquot of a field sample to which known concentrations of target analytes have been added. A matrix spike duplicate (MSD) is a third aliquot of the same sample (spiked identically as the MS) prepared and analyzed along with the sample and matrix spike. The MS/MSD results are used to determine the effect of a matrix on the precision and accuracy of the analytical process.

The spike solution described in Section 7.6.3 is also used to prepare matrix spikes, as follows:

After sample is weighed, add approximately 5-10 mL of reagent water to each tube. Typically, for ICP and ICPMS samples 1.0 mL of the appropriate stock solutions are added. Amounts and concentrations are recorded in TALS and may change depending on project or lab requirements.

NOTE 1: The spike must be added after the sample aliquot and reagent water but before any reagents.

NOTE 2: DoD ISM batches are the only batches that require a duplicate. This method does not require a sample duplicate. Precision is measured using the MS/MSD. Use of the MS/MSD precision is preferred as not all samples will contain measurable concentrations of the target analytes. Samples that have target analytes at low concentrations or non-detectable levels do not provide useful precision data. When an MS/MSD pair is not available, an LCS and LCSD are used to measure precision.

10.0 Procedure

10.1 One-time procedural variations are allowed only if deemed necessary in the professional judgment of supervision to accommodate variation in sample matrix, radioactivity, chemistry, sample size, or other parameters. Any variation in procedure shall be completely documented using an NCM. The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. The NCM shall be filed in the project file and addressed in the case narrative.

10.2 Any deviations from this procedure identified after the work has been completed must be documented in an NCM, with a cause and corrective action described.

10.3 Sample Custody

10.3.1 Samples are transferred from the sample storage to the Metals group and the transfer is documented using the Sample Transfer function of the Internal Chain of Custody in TALS (see SOP DV-QA-0003 *Sample Management and Chain of Custody* for details).

10.3.2 Proper sample identification is extremely important in any preparation procedure. Labeling of digestion tubes and bottles must be done in a manner to ensure connection with the proper sample.

10.4 Subsampling

10.4.1 It is not acceptable to simply collect material from the top of the sample. Samples must be mixed and incrementally subsampled to obtain a representative portion. Shake, rotate, and/or roll the sample bottle to ensure mixing. If needed, mix by stirring with a disposable wooden spatula. If there is insufficient room in the sample container to allow for proper mixing, refer to SOP DV-QA-0023 *Subsampling*, for directions.

10.4.2 Samples that are non-homogenous or have visible metal particles or are otherwise noteworthy should be documented in an NCM. A sample is considered homogeneous if you can get all the different components of the sample in a ‘scoop’.

10.4.3 Radioactive and quarantine soils require special treatment and cleanup procedures. These samples are stored separately and labeled as ‘Quarantine

Soil' or 'Radioactive'. Refer to DV-QA-0019 *Quarantine Soils Procedure* for directions for quarantine soils. For radioactive samples, ask the current metals radiation worker, authorized user or Denver Radiation Safety Officer before starting work.

10.4.4 For method 3050B, select at least three incremental subsamples from different locations in the original sample and place them in a tared 50 mL digestion tube. The final sample weight should be between 1.0 and 1.5 g. Record the weight to the nearest 0.01 g.

10.4.5 For method 3051A, weigh samples in a similar manner into a tared hexagonal weigh boat. The final sample weight should be between 0.4 and 0.5 g. Record weight to nearest 0.001 g. Carefully transfer samples from weigh boat into lined digestion vessels using a small amount of DI water as necessary. Be sure to completely collect all sample into the vessel. Also add a small amount of DI to any blank/LCS samples to match process with unknowns.

10.4.6 Measure additional aliquots for QC samples required in the batch and spike as required (see Section 9 for details). When weighing the MS/D or DUP make sure to weigh at similar weights to the parent sample when possible.

10.5 Perform the following steps for 3050B hot block digestion:

It is very important to note situations where samples are not behaving normally. The situation must be discussed with the manager and documented in a Nonconformance Memo (NCM). Samples with high organic content may require additional nitric acid and/or hydrogen peroxide for a thorough digestion, but these oxidizing reagents should be added very carefully to avoid violent reactions.
These samples may need to be weighed at a reduced initial weight in order to control the reaction or digest thoroughly. If the sample is to be weighted at a reduced weight, this must be documented in an NCM.
If the use of extra reagents is needed, the same volume of reagents must be added to the MB and LCS in the batch. Usually, the method blank results will not be elevated. To ensure that the QC sample results accurately reflect sample results, the QC samples must be treated exactly like the samples.

10.5.1 Initial Digestion Cycle with 1:1 Nitric Acid

10.5.1.1 Add approximately 5-10 mL reagent water to each digestion tube.

10.5.1.2 Add 5 mL concentrated HNO_3 and 5 mL concentrated HCl.

NOTE: Do not allow samples to react violently and spill or foam over during addition of reagents at any step. If any samples spill or foam over, they must be re-prepared. Any samples that they may have contaminated must also be re-prepared.

10.5.1.3 After all the acid has been added to the preparation batch, swirl the samples to mix and then place the sample rack on the Hot Block.

NOTE: It is important to swirl on addition of each reagent as this ensures the reagent mixes and reacts thoroughly with the sample and therefore increases recovery of analytes.

10.5.1.4 Place a ribbed cover on each tube.

10.5.1.5 Heat samples to 90-95 °C, and reflux for 15 minutes without boiling.

NOTE: DO NOT ALLOW SAMPLES TO BOIL OR GO DRY during any part of the digestion. Doing so will result in the loss of analyte and the sample must be re-prepared.

10.5.1.6 Record the start time, starting temperature, end time, and ending temperature in the Metals Digestion Prep log.

10.5.1.7 Remove the samples from the Hot Block.

10.5.2 Second Digestion Cycle Using Concentrated Nitric Acid

10.5.2.1 Add 5 mL concentrated HNO_3, and replace the ribbed cover. If samples are reactive, allow them to cool slightly before adding HNO_3 to avoid sample loss.

10.5.2.2 Place samples back on the Hot Block and reflux at 90-95 °C for 30 minutes. Add reagent water as needed to ensure that the volume of solution is not reduced to less than 5 mL.

10.5.2.3 If brown fumes are observed, this means that material in the sample is actively being oxidized. There may not be enough HNO_3 acid to complete the oxidation, and there could be violent reaction of the sample with peroxide in the third digestion step. For that reason, it is necessary to repeat the previous two steps until no more fumes are evolved, or re-prep the sample using a reduced initial sample weight.

10.5.2.4 Heat the samples at 90-95 °C for 2 hours.

10.5.2.5 Allow the samples to thoroughly (approximately 5-10 minutes) cool before proceeding.

10.5.3 Third Digestion Cycle Using Hydrogen Peroxide

10.5.3.1 Add 2 mL reagent water to each tube.

10.5.3.2 Slowly add 3 mL 30% H_2O_2 (0.5 mL at a time or slower as needed). Care must be taken to ensure that losses do not occur due to excessively vigorous effervescence.

10.5.3.3 Replace the ribbed cover and heat samples until effervescence subsides.

10.5.3.4 Allow the samples to cool enough to start the next step without sample loss due to reactivity.

10.5.3.5 Continue adding 30% H_2O_2 in 1 mL increments with warming until effervescence is minimal or sample appearance is unchanged. If additional peroxide is added to a sample then it must also be added to the method blank and LCS.

NOTE 1: A good baseline for "minimal effervescence" is the blank and LCS. If a sample is more reactive than these QC, then it requires more peroxide. This step will be more reactive if the samples are warm always let them cool 5-10 minutes between additions.

NOTE 2: Do not add more than a total of 10 mL of 30% H_2O_2. If 10 mL have been added and the samples are still vigorously effervescing, document the situation with an NCM and continue with the digestion.

10.5.3.6 Heat the samples at 90-95 °C for 2 hours.

10.5.3.7 Allow the samples to cool.

10.5.4 Fourth Digestion Cycle Using Concentrated Hydrochloric Acid

10.5.4.1 Add 5 mL concentrated HCl to the samples in the digestion tubes and cover with ribbed covers.

10.5.4.2 Reflux for an additional 15 minutes without boiling. Allow the samples to cool.

10.6 Perform the following steps for 3051A microwave digestion:

10.6.1 Add 9 mL concentrated HNO_3 and 3 mL concentrated HCl to each vessel. If samples contain volatile or easily oxidized organic species, allow the sample to react for about 15 minutes before proceeding.

10.6.2 Seal the vessel according to CEM specifications (cap plug properly placed and lock nut tightened). Properly place the vessels in the microwave carousel per CEM recommended configuration and load into the microwave unit. A minimum of 8 sample vessels are recommended to be digested; in a smaller batch size, additional vessels should be filled with the same acid mixture until 8 vessels are in place. This provides energy balance.

10.6.3 Make sure the instrument is powered on and the exhaust ventilation is functioning. After system is ready to go, use the touch screen to select from "one touch" methods, select "US EPA 3051A" and then press start.

10.6.4 Microwave operating conditions are as follows (pressure should peak in the 5-10 minute range):

10.6.4.1 Power Range 1200 – 1800 W

10.6.4.2 Ramp Time 5.5 +/- 0.25 min

10.6.4.3 Final Temperature 175 +/- 5 °C

10.6.4.4 Hold Time 4.5 min

10.6.5 At the end of the microwave program, allow vessels to cool for at least 5 minutes before removing them from the microwave.

10.6.6 Open vessels carefully inside a fume hood; hot acid vapors will escape rapidly. Continue with sample separation in section 10.7.

10.7 Separating Undigested Solids from the Digestion Solution

10.7.1 Filter samples through Whatman 41 or equivalent fiber filters into a 100mL digestion tube for 3050B preparation or a graduated 50 mL digestion tube for 3051A preparation.

NOTE: [3051] In place of filtering, the samples, after dilution and mixing, may be centrifuged or allowed to settle by gravity overnight to remove insoluble material.

Note: If any samples in a prep batch are filtered, filters of the same type are also used to filter the MB and the LCS in the batch. Acceptable results for the QC samples demonstrated that the filters neither add nor subtract analytes.

10.7.2 Wash the original digestion tube with reagent water to ensure quantitative transfer of the entire digestion solution into the new digestion tube.

10.7.3 Rinse the funnel and filter paper with reagent water to ensure complete sample transfer into the new digestion tube.

10.7.4 Re-volume sample to 100 mL with reagent water for 3050B and 50 mL for 3051A. This must be done volumetrically, rather than by weight. Record the final volume in TALS.

10.8 Documentation and Record Management

All of the preparation information is recorded and stored in TALS. This includes:

Batch number, Job and sample numbers, sample bottle letter;
Preparation date, analyst name
Matrix and prep type;
Initial sample weight and final digestion volume;
Reagent manufacturer lot number for each reagent used;
Digestion tube lot number
Standard Identification number
Start and stop times for digestions
Observed and corrected temperature readings during digestion
Identification numbers of calibrated measuring equipment used (e.g., balances, thermometers, pipettes)
Boiling chip lot number
Filter paper lot number if available
Hot Block ID

Fill out batch information in TALS correctly and completely. If fields are not applicable, fill with “N/A” as opposed to leaving fields blank.

11.0 Method Performance

11.1 Method Detection Limit (MDL)

Before analyzing samples, the laboratory must establish an MDL. The method detection limit (MDL) is the lowest concentration that can be detected for a given analytical method and sample matrix with 99% confidence that the analyte is present. MDLs reflect a calculated (statistical) value determined under ideal laboratory conditions in a clean matrix and may not be achievable in all environmental matrices. An initial method detection limit study is performed in accordance with Eurofins Denver SOP CA-Q-S-006 *Detection and Quantitation Limits*. The laboratory maintains MDL studies for analyses performed; these are verified at least annually unless method or program requirements require a greater frequency. MDL verifications (MDLV) are performed quarterly.

11.2 Limit of Quantitation Verification (LOQV)

The verification of the limit of quantitation (LOQ or LLOQ) is performed quarterly for work performed according to the DOD/DOE QSM. A blank matrix is spiked at or below the laboratory RL and carried through the entire preparation and analytical procedures. Recoveries are assessed based on historical limits.

11.3 Demonstration of Capabilities (DOC/IDOC)

All personnel are required to perform an initial demonstration of proficiency (IDOC) for the methods they will be preparing samples for. On-going proficiency must be demonstrated annually. IDOCs and on-going proficiency demonstrations are conducted according to SOP DV-QA-0024 *Training*.

11.4 Training Requirements

The group leader or supervisor is responsible for ensuring that this procedure is performed by an associate who has been properly trained in its use and has the required experience. A new analyst must be working under supervision prior to approval of the IDOC. Documentation that a new analyst is performing under supervision must be entered in the batch record (View Batch Information) until that analyst's IDOC has been approved by the QA Manager (or designee). See requirements for demonstration of analyst proficiency in SOP DV-QA-0024 *Training*.

12.0 Pollution Control

12.1 It is Eurofins Denver's policy to evaluate each method and look for opportunities to minimize waste generated (i.e., examine recycling options, order chemicals based on quantity needed, and prepare reagents based on anticipated usage and reagent stability).

12.2 Standards and reagents should be prepared in volumes consistent with laboratory use to minimize the volume of expired standards and reagents requiring disposal.

13.0 Waste Management

13.1 All waste will be disposed of in accordance with Federal, State, and local regulations. Where reasonably feasible, technological changes have been implemented to minimize the potential for pollution of the environment. Employees will abide by this procedure, the policies in Section 13, *Waste Management and Pollution Prevention*, of the Environmental Health and Safety Manual, and DV-HS-001P *Waste Management Plan*.

13.2 The following waste streams are produced when this method is carried out:

13.2.1 Aqueous Acidic (Metals) - Corrosive – Waste Stream J

13.2.2 Radioactive waste, mixed waste, and potentially radioactive waste must be segregated from non-radioactive waste as appropriate. Contact the Radioactive Waste Coordinator for proper management of these materials.

13.2.3 Quarantine waste must be segregated from non-quarantine waste. Contact Wast Coordinator for proper management of these materials.

14.0 References

14.1 Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, Final Update III, December 1996; Method 3050B.

14.2 U.S. Environmental Protection Agency, Microwave Assisted Acid Digestion of Sediments, Sludges, Soils, and Oils by SW 3051A, Rev. 1, February 2007.

14.3 Department of Defense Quality Systems Manual for Environmental Laboratories, Final Version 4.2, 10/25/2010.

14.4 Department of Defense Quality Systems Manual for Environmental Laboratories Version 5.0, July 2013.

15.0 Method Modifications:

Item	Method	Modification
1	3050B	Method 3050B Section 7.1 states that a 1-2 g aliquot is to be used. The amount specified by Eurofins Denver in this procedure is limited to 1-1.5 g to prevent increased instrument maintenance and sample reruns due to dilutions.
2	3050B	Method 3050B Section 7.2 states to add 1:1 nitric acid to samples and heat/reflux as the initial digestion step, and 7.3 states to add 10 mL hydrochloric acid at the end of digestion process for ICP-AES analysis. This procedure states to add 5 mL hydrochloric acid at the beginning along with the 1:1 nitric acid, and then an

		additional 5 mL at the end. This change has been demonstrated to improve antimony recovery without detriment to other analytes.
3	3050B	Method 3050B

16.0 Figures, Tables, and Attachments

Table 1: Method 3050B Approved Analyte List for ICP/ICP-MS

Attachment 1: Contamination Control Guidelines

17.0 Revision History

This section has been added beginning with Revision 0. Only details of the last two revisions are incorporated into this SOP. Prior revisions are documented in the QA files and available upon request.

Revision 20, dated 18 March 2023

- Annual Review and update
- Updated formatting and language throughout
- Removed section 4.9. Moved relevant information to procedure section.
- Section 6.2, 6.3, 7 Removed items that are not used/ referenced in the SOP
- Section 7.6.3 Removed table of typical standard concentrations
- Section 9.0, 9.1.4, 9.3.1, 9.3.2 removed discussions pertaining to the analytical methods, see associated analytical SOP's
- Section 9.3.2, 9.3.3, 18 table 2, table 3 removed references to standard spike concentrations. Added clarification on how to prepare spikes
- Section 9.3.3 Added DOD ISM DUP requirement
- Section 10.4.3 Added Quarantine soil information
- Section 10, 12 Calibration/ Calculations removed. Not applicable
- Section 11.2 added LOQV definition
- Section 11.4.2 added information on non-homogeneous samples
- Section 11.4.5 added indication to weigh ms/d similarly to parent
- Section 11.6.1, 11.6.3 added notes about sample loss and mixing
- Section 13.2.3 Added Quarantine Waste section

Revision 19, dated 28 July 2023

- Changed title to include 3051A
- Changed sample weight and sample filtration options in section 2.0 to be in accordance with performance in the lab
- Edited section 4.2 to include optional microwave-aided digestion procedure following Method 3051A.
- Edited supplies in section 6.2.4 and 11.11.1 to be in accordance with the method.
- Changed the order of steps 11.6.6 and 11.6.7 for clarity
- Edited section 11.6.7 and 11.7.1 to clarify cooling step.
- Edited section 11.8.2 and 11.8.4 to clarify how to reduce sample loss during these steps
- Removal of alternate method for Sb, Sn and Ag. Updated section was 11.13

Table 1.

Method 3050B/3051A Approved Analyte List for ICP/ICP-MS

Element	Symbol	CAS Number
Aluminum	Al	7429-90-5
Antimony	Sb	7440-36-0
Arsenic	As	7440-38-2
Barium	Ba	7440-39-3
Beryllium	Be	7440-41-7
*Boron	B	7440-42-8
Cadmium	Cd	7440-43-9
Calcium	Ca	7440-70-2
Chromium	Cr	7440-47-3
Cobalt	Co	7440-48-4
Copper	Cu	7440-50-8
Iron	Fe	7439-89-6
Lead	Pb	7439-92-1
Magnesium	Mg	7439-95-4
Manganese	Mn	7439-96-5
Molybdenum	Mo	7439-98-7
Nickel	Ni	7440-02-0
Potassium	K	7440-09-7
Selenium	Se	7782-49-2
Silver	Ag	7440-22-4
Sodium	Na	7440-23-5
*Strontium	Sr	7440-24-6
Thallium	Tl	7440-28-0
Vanadium	V	7440-62-2
Zinc	Zn	7440-66-6

NOTE: Elements marked with a * are officially listed in method 3051A only

Attachment 1

Contamination Control Guidelines

The following procedures are strongly recommended to prevent contamination:

- All work areas used to prepare standards and spikes should be cleaned before and after each use.
- All glassware should be washed with 5% HNO_3 according to the procedure described in SOP DV-IP-0005 Glassware Washing - Inorganic.
- Proper laboratory housekeeping is essential in the reduction of contamination in the metals laboratory. All work areas must be kept scrupulously clean.
- Powdered should not be used in the metals laboratory since the powder contains silica and zinc, as well as other metallic analytes.
- Glassware should be periodically checked for cracks and etches and discarded if found. Etched glassware can cause cross contamination of any metallic analytes.

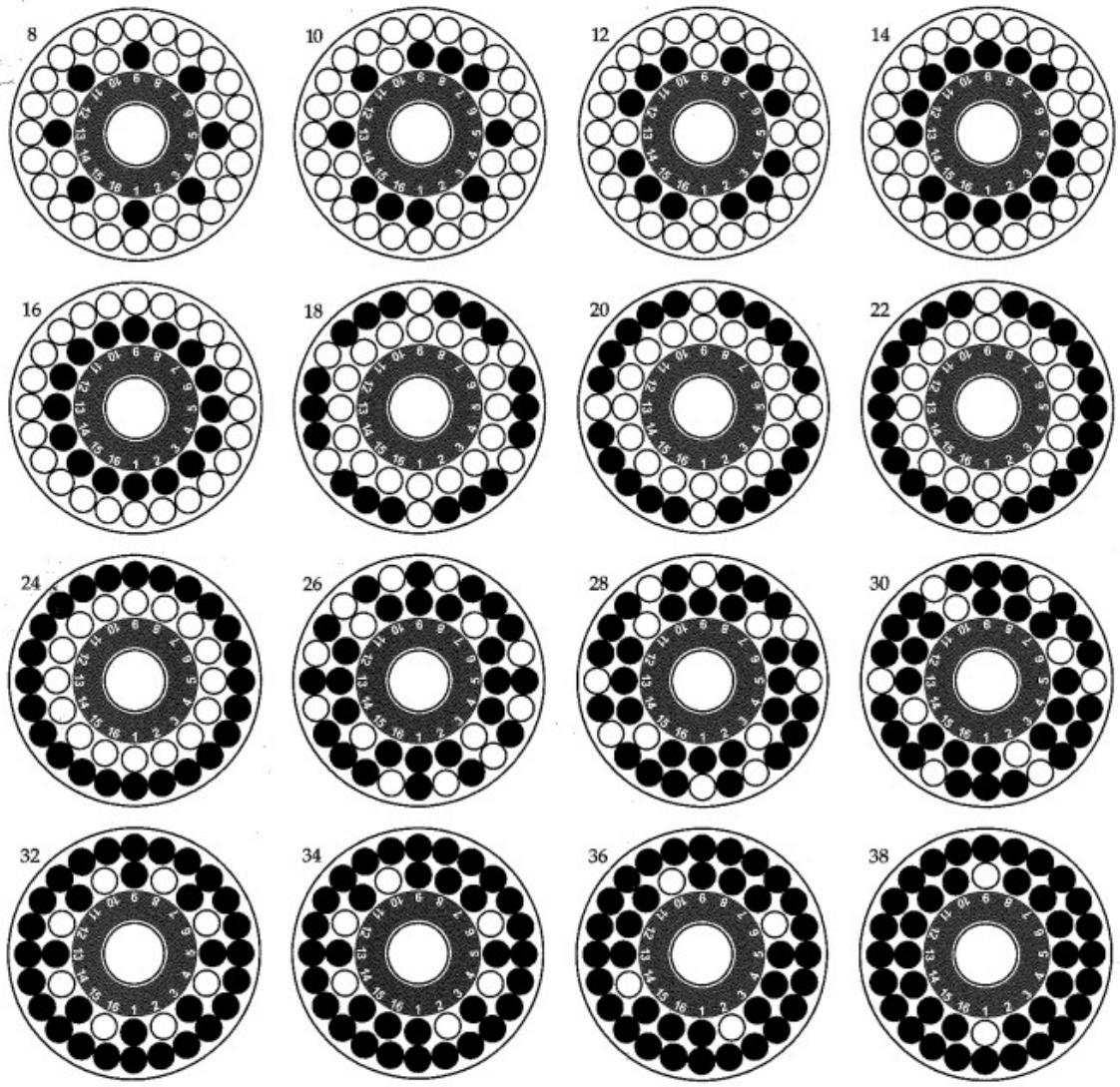
The following are helpful hints in the identification of the source of contaminants:

- Yellow pipette tips and volumetric caps can sometimes contain cadmium.
- Some sample cups have been found to contain lead or cobalt.
- New glassware can be a source of silica and boron.
- Reagents or standards can contain contaminants or be contaminated with the improper use of a pipette.
- Improper cleaning of glassware can cause contamination.
- Latex gloves contain over 500 ppb of zinc.

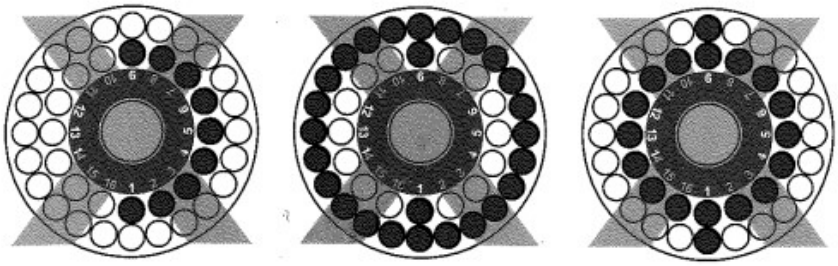
Attachment 2

Recommended Digestion Vessel Configurations for Microwave

Recommended distribution of MARSXpress vessels when turntable is less than capacity



Incorrect distribution: What not to do



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Title: Chlorinated Phenoxyacid Herbicides by ESI/LC/MS/MS [SW846 8321A & 8321B]

Approvals (Signature/Date):

Sarah Choyke 2/22/2023 Sarah Choyke Date Technical Specialist	Reed Pottruff 2/23/2023 Reed Pottruff Date Health & Safety Manager / Coordinator
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1.0 Scope and Application

1.1 This procedure describes the analysis of chlorinated phenoxyacid herbicide compounds by liquid chromatography tandem mass spectrometry with an electrospray interface (ESI/LC/MS/MS).

1.2 The procedure applies to water and soil samples.

1.3 The procedure provides definitive analysis of herbicides at low concentrations and is particularly suited for samples that may contain compounds that interfere using the more common methods.

1.4 The list of analytes and reporting limits are in Table 1.

2.0 Summary of Method

This analysis is for herbicides in their acid form. This is the active form of the herbicide compounds. Hydrolysis steps to convert esters to acid forms are not performed in this procedure. Soil samples are acidified and allowed to stand prior to extraction. Water samples are diluted with solvent and analyzed in an acidic mobile phase.

2.1 Preparation

Water samples are prepared by quantitatively mixing the sample with acetonitrile and formic acid. This mixture is then injected directly into the LC/MS/MS system. Soil samples are acidified with formic acid, extracted in an acetone/diethyl ether mixture, and the soil extracts are then exchanged to acetonitrile prior to analysis.

2.2 Analysis

Samples are analyzed using liquid chromatography electrospray mass spectrometry (ESI/LC/MS/MS) in the negative ion mode. A C_{18} reverse phase column with an aqueous formic acid/acetonitrile mobile phase is used. Quantitation is done by the internal standardization technique.

3.0 Definitions

3.1 **Herbicides:** The term herbicides, as used in this SOP, refer specifically to the analytes listed in Table 1.

3.2 The quality control terminology used in this procedure follows SW-846 conventions, which are defined in the glossary of Eurofins Denver's Quality Assurance Manual and in SOP DV-QA-003P *Quality Control Program*.

4.0 Interferences

4.1 LC/MS/MS is generally highly selective for the analytes of interest. However, contaminants in solvents, reagents, glassware, and other processing apparatus that lead to discrete artifacts may cause method interferences. All these materials must be routinely demonstrated to be free from interferences under conditions of the analysis by running laboratory method blanks as described in the Quality Control

section (Section 9). Raw LC/MS/MS data from all blanks, samples, and spikes must be evaluated for interferences. If an interference is detected, it is necessary to determine if the source of interference is in the preparation and/or cleanup of the samples and then take corrective action to eliminate the problem.

4.2 The use of high purity reagents, solvents, and gases helps to minimize interference problems.

4.3 Contamination by carryover can occur whenever high-level and low-level samples are sequentially analyzed. To reduce carryover, the sample syringe must be rinsed with solvent between samples. Whenever an unusually concentrated sample is encountered, typically one that is more concentrated than the highest calibration standard, blanks analyses should be inserted immediately following the high samples to determine the possibility of cross contamination. Alternatively, if high level samples are analyzed during a period when the instrument is not being monitored, subsequent sample analyses should be evaluated for the possibility of contamination and re-analyses performed where necessary.

5.0 Safety

5.1 Employees must abide by the policies and procedures in the Environmental Health and Safety Manual, Radiation Safety Manual and this document.

5.2 This procedure may involve hazardous material, operations and equipment. This SOP does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of the method to follow appropriate safety, waste disposal and health practices under the assumption that all samples and reagents are potentially hazardous. Safety glasses, nitrile or latex gloves, lab coats and closed-toe, nonabsorbent shoes are a minimum.

5.3 Specific Safety Concerns or Requirements

5.3.1 Eye protection that satisfies ANSI Z87.1, laboratory coat, and nitrile gloves must be worn while handling samples, standards, solvents, and reagents. Disposable gloves that have been contaminated must be removed and discarded; non-disposable gloves must be cleaned immediately.

5.3.2 The source on the mass spectrometer has elevated temperatures. The source must be cooled to room temperature prior to any maintenance.

5.3.3 The mass spectrometer holds a high vacuum. The system must be vented and brought to atmospheric pressure prior to any maintenance.

5.3.4 The source uses a high voltage to ionize compounds. Ensure the source is deactivated or the instrument is powered off prior to any maintenance.

5.4 Primary Materials Used

The following is a list of the materials used in this method, which have a serious or significant hazard rating. **Note: This list does not include all materials used in the method. The table contains a summary of the primary hazards listed in**

the SDS for each of the materials listed in the table. A complete list of materials used in the method can be found in the reagents and materials section. Employees must review the information in the SDS for each material before using it for the first time or when there are major changes to the SDS.

Material (1)	Hazards	Exposure Limit (2)	Signs and symptoms of exposure
Acetonitrile	Flammable Poison	40 ppm TWA	Early symptoms may include nose and throat irritation, flushing of the face, and chest tightness. Prolonged exposure to high levels of vapors may cause formation of cyanide anions in the body.
Methanol (MeOH)	Flammable Poison Irritant	200 ppm TWA	A slight irritant to the mucous membranes. Toxic effects exerted upon nervous system, particularly the optic nerve. Symptoms of overexposure may include headache, drowsiness and dizziness. Methyl alcohol is a defatting agent and may cause skin to become dry and cracked. Skin absorption can occur; symptoms may parallel inhalation exposure. Irritant to the eyes.
Diethyl Ether	Flammable Irritant Peroxide Former	400 ppm TWA	General anesthesia by inhalation can occur. Continued exposure may lead to respiratory failure or death. Early symptoms include irritation of nose and throat, vomiting, and irregular respiration, followed by dizziness, drowsiness, and unconsciousness. May cause irritation, redness, and pain to the eyes. Irritating to the skin and mucous membranes by drying effect. Can cause dermatitis on prolonged exposure. May be absorbed through skin. **May form explosive peroxides on long standing or after exposure to air or light. This material must be disposed of within six months.**
Acetone	Flammable Irritant	1000 ppm TWA	Inhalation of vapors irritates respiratory tract. May cause coughing, dizziness, dullness, and headache. Can produce nervous system depression, narcosis, and unconsciousness. Irritating to skin due to defatting action. Causes redness, pain, drying, and cracking of the skin. Vapors are irritating to eyes.
Formic Acid, >90%	Combustible Corrosive Toxic	5 ppm TWA	High concentrations are extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin. Inhalation may result in spasm, inflammation, and edema of the larynx and bronchi, chemical pneumonitis, and pulmonary edema. Symptoms of exposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea, and vomiting. Causes burns in contact with eyes and skin.
1 – Always add acid to water to prevent violent reactions. 2 – Exposure limit refers to the OSHA regulatory exposure limit.			

6.0 Equipment and Supplies

6.1 Instrumentation

6.1.1 Liquid Chromatograph / Mass Spectrometer System

The instrument described below, or equivalent, may be used for this method. The HPLC is equipped with a refrigerated autosampler, an injection valve, and a pump capable of variable flow rate. The use of a column heater is required to maintain a stable temperature throughout the analytical run. Data is processed using Chrom Peak Review, version 2.3 or equivalent. The MS/MS is capable of running in the NI-ESI mode at the recommended flow rate with a minimum of 10 scans per peak.

6.1.1.1 SCIEX LC/MS/MS: This system consists of a Shimadzu LC-40 HPLC interfaced with a SCIEX 5500+ Triple Quad MS, or equivalent. The instrument control and data acquisition software is SCIEX Analyst, version 1.6.3 or equivalent.

6.1.1.1.1 Shimadzu LC-40 HPLC equipped with two pumps, one degassing unit, and one column oven, or equivalent.

6.1.1.1.2 Phenomenex Synergi Hydro RP reversed phase column (C_{18} 3 µm, 2.0 mm x 75 mm,) Part No. 00B-4439-B0, or equivalent.

6.2 Preventive and routine maintenance is described in the table below

Table 6.2
HPLC/MS/MS Preventative Maintenance

As Needed:	**Daily (When in use)**
Change pump seals. Change in-line filters in autosampler (HPLC). Check/replace in-line frit if excessive pressure or poor performance. Replace column if no change following in-line frit change. Clean corona needle. Replace sample inlet tube in APCI (10.1 cm). Replace fused silica tube in ESI interface. Clean lenses. Clean skimmer. Ballast rough pump 30 minutes. Create all eluents in Reagent module, label eluent containers with TALS label and place 2nd label into maintenance log when put into use.	Check solvent reservoirs for sufficient level of solvent. Verify that pump is primed, operating pulse free. Check needle wash reservoir for sufficient solvent. Verify capillary heater temperature functioning. Verify vaporizer heater temperature. Verify rough pump oil levels. Verify turbo-pump functioning. Verify nitrogen pressure for auxiliary and sheath gasses. Verify that corona and multiplier are functioning.
Semi-Annually	**Annually**
Replace rough-pump oil (4-6 months). Replace oil mist and odor elements. Replace activated alumina filter if applicable	Vacuum system components including fans and fan covers. Clean/replace fan filters, if applicable.

6.2.1 Balance, capable of measuring ± 0.01 g.

6.3 Supplies

6.3.1 pH paper, wide range.

6.3.2 Graduated cylinders, 100 mL, 500 mL, and 1,000 mL.

6.3.3 Wrist action shaker or orbital pan shaker.

6.3.4 Filter paper, glass fiber.

6.3.5 Erlenmeyer Flasks, glass, 125 mL

6.3.6 Amber glass vial with Teflon-lined screw caps, 12.5 mL. Vials used to store final extracts for soil samples are calibrated to hold a volume of 5 mL by using a calibrated pipette to deliver 5 mL of acetonitrile into the vial, and marking the meniscus with a fine-tipped permanent marker. This volume is accurate to ±2%.

6.3.7 Autosampler vials for analysis, 1.8 mL

6.3.8 0.2 µm PTFE Teflon filter syringe cartridges.

6.3.9 Disposable pipettes.

6.3.10 Turbo-Vap auto concentrator.

6.3.11 Metal spatulas.

6.3.12 Balance, ≥ 500 g capacity, accurate to ± 1 g, calibrated daily per SOP DV-QA-0014.

6.3.13 Mechanical pipette, 1 mL calibrated per SOP DV-QA-0008 *Selecting and Using Balances*.

7.0 Reagents and Standards

Standards are stored, refrigerated at ≤ 6°C in amber vials or ampoules. All standards are assigned an expiration date of one year from date opened or the vendor's expiration date, whichever occurs sooner. All dilutions are prepared using water, acetone or a mixture of water and acetonitrile. Expiration dates for intermediate and working solutions are the same as for the parent stock standard or shorter as necessary. Standards must be brought to room temperature before using. Primary and secondary standards used for data production are recorded in the Reagent Module of the Eurofins Denver LIMS (TALS). Further information can be found in SOP DV-QA-0015 *Verification and Storage of Chemical Standards and Reagents*.

7.1 Stock Standards

Commercial stock standards consist of herbicides in the acid form in concentrations ranging from 100 - 1000 µg/mL in acetone or acetonitrile. Methanol solutions are not to be used because of the tendency of some or all of the herbicide compounds to form methyl esters. The stock standards are received in flame-sealed ampoules. All stock

standards are subject to verification of accuracy prior to use as explained in SOP DV-QA-0015 Verification and Storage of Chemical Standards and Reagents. Unless otherwise noted below all primary stock standards are obtained from Ultra Scientific.

7.2 Intermediate Standard Solution (8321HerbCal)

An intermediate standard solution is prepared containing all target analytes of interest and the surrogate (DCAA) in a 1:1 mixture of acetonitrile and HPLC-grade water. The standard concentration of most target analytes is 0.10 µg/mL, DCAA is present at 0.20 µg/mL, dinoseb is present at 0.025 µg/mL and pentachlorophenol is present at 0.020 µg/mL. See the table below for details of the dilution scheme.

Preparation of Intermediate Standards

Compound	Stock ID	Stock Conc.	Substock ID	Amount of stock used	Final Volume	Substock conc.	Amt. add to intermediate	Intermediate Conc. Acid
DCAA	M-8150B-SS-10x*	1000 µg/mL	8321HerbSurr1	200 µL	10 mL	20 µg/mL	1000 µL	0.20 µg/mL
2,4-D	HB-100	100 µg/mL	NA	NA	NA	NA	100 µL	0.10 µg/mL
2,4-DB	HB-150	100 µg/mL	NA	NA	NA	NA	100 µL	0.10 µg/mL
2,4,5-T	HB-120	100 µg/mL	NA	NA	NA	NA	100 µL	0.10 µg/mL
Dalapon	HB-140	100 µg/mL	NA	NA	NA	NA	100 µL	0.10 µg/mL
Dicamba	HB-160	100 µg/mL	NA	NA	NA	NA	100 µL	0.10 µg/mL
Dichloroprop	HB-170	100 µg/mL	NA	NA	NA	NA	100 µL	0.10 µg/mL
Dinoseb	HB-130	100 µg/mL	NA	NA	NA	NA	25 µL	0.025 µg/mL
Silvex	HB-110	100 µg/mL	NA	NA	NA	NA	100 µL	0.10 µg/mL
MCPA	HB-180	100 µg/mL	NA	NA	NA	NA	100 µL	0.10 µg/mL
MCPP	HB-190	100 µg/mL	NA	NA	NA	NA	100 µL	0.10 µg/mL
Pentachlorophenol	31297**	1000 µg/mL	Herb_PCP_2	100 µL	10 mL	10 µg/mL	200 µL	0.020 µg/mL

* AccuStandard **Restek

7.3 Calibration Standards

Seven calibration levels are prepared from the intermediate standard at the recommended concentrations shown in Table 5. The intermediate standard is added to a 1:1 mixture of acetonitrile and HPLC-grade water and brought to a final volume of 1.0 mL. The standards should also include the addition of 50 µL of 1% formic acid and 50 µL of the internal standard (IS) solution.

7.4 Second-Source Calibration Verification Standard Solution and Water Spike Solution, 10 µg/L (2 µg/L Pentachlorophenol) (Herb_ICV)

This standard is obtained from a different vendor than are the calibration standards described in Sections 7.2 and 7.3. The stocks that are currently used are AccuStandard cat# M-8321-HERB at 100 µg/mL (**HerbAccuS_stk**), AccuStandard cat# APP-9-176-10x with pentachlorophenol at 1000 µg/mL (**HERB_ICV_PCP**) or equivalent.

The pentachlorophenol intermediate (**HerbPCPSSPri)** is created by diluting 10 µL of **HERB_ICV_PCP** into 10 mL of acetonitrile to create a 1 µg/mL intermediate.

The surrogate (DCAA) AccuStandard cat# M-8150B-SS-10x at 1000 µg/mL (**HerbSurr1**) is diluted to a concentration of 20 µg/mL (**HerbSurr2).**

An intermediate solution (**HERB_ICV)** is prepared by adding 25 µL of **HERBAccuS_stk,** 750 µL of **HERBPCPSSPri,** and 250 µL of **HerbSurr2** to 25 mL Acetonitrile. This intermediate solution (**HERB_ICV)** has at a concentration of 0.1 µg/mL for target compounds, 0.03 µg/mL for pentachlorophenol, and 0.2 µg/mL for DCAA.

To make the working-level second source standard, 0.10 mL of the **HERB_ICV** solution is diluted in a 1:1 mixture of acetonitrile and HPLC-grade water to a final volume of 1.0 mL then 50 µL of 1% formic acid and 50 µL of the internal standard (IS) solution are added. The working standard is used to verify the initial calibration (see Section 9.3.4).

7.5 Internal Standard (IS) Spike Solution (8321herbISwrd)

2,4-Dichlorophenoxyacetic acid ($^{13}C_6$) and pentachlorophenol ($^{13}C_6$) are used as the internal standards (IS) for this method. Pentachlorophenol ($^{13}C_6$) is used to quantitate pentachlorophenol and Dinoseb. 2,4-dichlorophenoxyacetic acid ($^{13}C_6$) is used to quantitate all other target compounds.

A solution is prepared in acetonitrile at a concentration of 0.5 µg/mL 2,4-dichlorophenoxyacetic acid ($^{13}C_6$) and 0.1 µg/mL pentachlorophenol ($^{13}C_6$). A 50 µL aliquot of the IS spike solution is added to each QC and sample extract vial.

7.6 Surrogate Solution for Water and Soil, 0.10 µg/mL

A solution of 2,4-dichlorophenoxyacetic acid (DCAA) in acetonitrile is prepared at a concentration of 0.10 µg/mL. A 1.0 mL aliquot of this standard solution is added to the soil method blank, LCS, and all solid client samples prior to extraction. This results in a soil concentration of 10 µg/kg when preparing the standard amount of soil as specified in this SOP.

For aqueous samples, a 0.20 mL aliquot of this standard solution is added to the method blank, LCS, and all client samples (see the table in section 10.1). This results in a water concentration of 40 µg/L when preparing the standard amount of water as specified in this SOP.

7.7 Soil Spiking Solution

A spiking solution (**8321HerbLCS)** is prepared for soil batch LCS/LCSD and MS/MSD. **8321HerbLCS** contains all the herbicides of interest at 0.2 µg/mL except pentachlorophenol which is at 0.02 µg/mL and picloram at 0.4 µg/mL in acetonitrile.

A 1.0 mL aliquot of 8**321HerbLCS** is added to 10 grams of Ottawa sand for the LCS/LCSD or a 10 g subsample of the sample selected for MS/MSD. This results in a 20 µg/kg concentration for most compounds, 2 µg/kg for the pentachlorophenol, and 40 µg/kg for picloram.

7.8 Aqueous Spiking Solution (includes Surrogate)

For water sample batches, a 0.10 mL **Herb_ICV** is added to the LCS/LCSDs and MS/MSDs. This solution contains the surrogate DCAA at a concentration of 0.20 µg/mL, the herbicides of interest in the acid form at a concentration of 0.10 µg/mL and pentachlorophenol at a concentration of 0.03 µg/mL. This results in a 20 µg/L concentration for most compounds.

NOTE: The form of the compounds used for spiking should be identical to the form of the target analytes. For the phenoxyacid herbicides in particular, use the acid form of the acid analytes, not the ester form or an ether, because use of these other forms will not represent the performance of the overall extraction, cleanup, and determinative methods relative to the target analytes. Conversely, if the ester forms are the analytes of interest, e.g., 2,4-D, butoxyethanol ester, use the ester form of the analyte for preparing matrix spiking solutions.

7.9 Tuning Solution

A tuning solution is provided by the manufacturer.

7.10 Reagents

All of the reagents listed below are reagent grade, unless specified otherwise.

7.10.1 Reagent sand (i.e., Ottawa sand) baked at 400 ºC for 4 hours.

7.10.2 Sodium sulfate, Na_2SO_4, reagent grade, baked at 400 ºC for 4 hours.

7.10.3 Formic acid acidified sodium sulfate.

Add 1 mL of 88% formic acid to a beaker containing 200 g of Na_2SO_4 that has been covered with diethyl ether. Mix the slurry and place it on a sheet of aluminum foil and allow it to "dry" in a fume hood. This reagent is given a 1 month expiration date.

7.10.4 Formic acid, 88%, 50%, and 1% in water

7.10.5 Acetone, pesticide grade

7.10.6 Ether, pesticide grade

7.10.7 80% Ether / 20% Acetone mixture, prepared using graduated cylinders.

7.10.8 Water, HPLC grade

7.10.9 Acetonitrile, HPLC grade

7.10.10 Nitrogen gas, 99+%

7.10.11 0.1% Formic Acid in 90:10 Water:ACN, HPLC Solvent, 1 ± 0.1 mL formic acid and 100 mL acetonitrile diluted to 1.0 L with water

8.0 Sample Collection, Preservation, Shipment and Storage

Sample container, preservation techniques and holding times may vary and are dependent on sample matrix, method of choice, regulatory compliance, and/or specific contract or client requests. Listed below are the holding times and the references that include preservation requirements.

Matrix	Sample Container	Min. Sample Size	Preservation	Preparation Holding Time	Analytical Holding Time	Reference
Water	Glass	2x 40 mL vials	Cool, ≤ 6°C (not freezing)	7 Days	40 Days	SW846 Chapter 4
Soil	Glass	8 oz	Cool, ≤ 6°C (not freezing)	14 Days	40 Days	SW846 Chapter 4

9.0 Quality Control

9.1 General Information

The minimum quality controls (QC), acceptance criteria, and corrective actions are described in this section. When processing samples in the laboratory, use the TALS Method Comments to determine specific QC requirements that apply.

9.1.1 The laboratory's standard QC requirements, the process of establishing control limits, and the use of control charts are described more completely in Eurofins Denver Policy DV-QA-003P *Quality Control Program*.

9.1.2 Specific QC requirements for Federal programs, e.g., Department of Defense (DoD), Department of Energy (DOE), etc., are described in Eurofins Denver policy DV-QA-024P QA/QC *Requirements for Federal Programs*. This procedure meets all criteria for DoD QSM 5.0 unless otherwise stated.

9.1.3 Project-specific requirements can override the requirements presented in this section when there is a written agreement between the laboratory and the client, and the source of those requirements should be described in the project documents. Project-specific requirements are communicated to the analyst via special instructions in the LIMS.

9.1.4 Any QC result that fails to meet control criteria must be documented in a Nonconformance Memo (NCM). The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. This is in addition to the corrective actions described in the following sections.

9.2 Sample Quality Control

9.2.1 Preparation Batch

A preparation batch is a group of up to 20 samples that are of the same matrix and are processed together using the same procedures and reagents. The preparation batch must contain a method blank, a laboratory control sample (LCS), a matrix spike (MS), and a matrix spike duplicate (MSD). As discussed in the following sections, special program or project requirements can include additional requirements. Always refer to special project instructions for details before proceeding with the analysis.

9.2.2 Method Blank (MB)

A method blank (MB) is analyzed with each analytical batch, not to exceed 20 samples. The MB is either reagent water (for aqueous sample batches) or Ottawa sand (for solid sample batches) to which the IS and surrogate are added as described in Section 10.1.2. The MB is subject to the entire extraction and analysis process.

Acceptance Criteria: Results for the batch are acceptable if all analyte concentrations in the MB meet the following criteria:

- Results are less than or equal to ½ the reporting limit, or
- Results are less than 1/10 of the measured concentration of any sample (an NCM must be prepared), or
- The same contaminants were not found in the associated samples (an NCM must be prepared).

Corrective Action: If the MB does not meet the acceptance criteria, the source of contamination must be investigated and measures taken to correct, minimize, or eliminate the problem. Samples associated with the contaminated blank must be reprocessed for reanalysis.

9.2.3 Laboratory Control Sample (LCS)

A laboratory control sample (LCS) is prepared and analyzed with each batch of samples, not to exceed 20 samples. The LCS consists of reagent water (for aqueous sample batches) or Ottawa sand (for solid sample batches) to which the surrogate, internal standards, and analyte spikes are added (see Section 10.1.3). The LCS is subject to the entire extraction and analysis process.

Acceptance Criteria: The recovery of the target analyte(s) in the LCS must be within established control limits, which are based on historical performance. See Policy DV-QA-003P Quality Control Program for a discussion of control limits.

Corrective Action: If recoveries for any target compound are not within the acceptance limits, the system is out of control and corrective action must occur. Generally, this requires re-extraction and reanalysis of all associated samples.

If the LCS recovery is above the upper control limit and compounds of interest are not detected in all associated samples, it may be possible to report results with an NCM (see requirements for individual programs).

9.2.4 Matrix Spike and Matrix Spike Duplicate Samples (MS/MSD)

An MS/MSD pair is prepared and analyzed with each batch of samples, not to exceed 20 samples. A matrix spike (MS) is a field sample to which known concentrations of target analytes have been added prior to the first extraction step. It is prepared in a manner similar to the LCS, but uses a sample matrix in place of the blank matrix. A matrix spike duplicate (MSD) is a second aliquot of the same sample (spiked exactly as the MS) that is prepared and analyzed along with the sample and matrix spike. Samples identified as field blanks should not be used for the MS/MSD analysis.

If an MS/MSD pair is not possible due to limited sample, then a duplicate LCS should be analyzed to assess method precision. DoD projects identify samples for MS/MSD. If no specified MS/MSD are available in these batches, LCSDs are not processed in the batch for these programs.

The MS and MSD must be analyzed at the same dilution level as the unspiked sample, even if the matrix spike components would then be above the calibration range.

Acceptance Criteria: The recovery of the target analyte(s) in the MS and MSD are evaluated against established control limits, which are based on historical performance and stored in TALS. See Policy DV-

QA-003P *Quality Control Program* for a discussion of control limits. In addition, the relative percent difference (RPD) between the MS and MSD results must be less than the established RPD limit stored in the LIMS.

Corrective Action: The MS/MSD recoveries are sample/matrix specific and are not normally used to determine the validity of the entire batch. If the MS and/or MSD recovery falls outside of the established control limits, the bracketing CCV and batch LCS recoveries must be within control limits in order to accept results for the associated samples. The following corrective actions are required for MS/MSD recovery failures to rule out lab error:

- Check calculation and instrument performance;
- Verify, if possible, that the MS and MSD were spiked correctly (e.g., very low or very high recoveries);
- Consider objective evidence of matrix interference (e.g., heterogeneous sample, interfering peaks seen on chromatograms, or interference demonstrated by prior analyses);
- Flag the data for any results outside of acceptance limits.
- For any single RPD failure, check calculations; verify, if possible, that the MS and MSD were spiked correctly; check instrument performance; consider objective evidence of matrix interference or sample inhomogeneity; and flag the data.
- If both the parent sample and MS/MSD results are over range the parent and the spikes shall be diluted by the same amount and the results from the reanalysis reported for both. If the dilution will cause the spike to be less than two times the reporting limit, the MS/MSD do not need to be diluted and is reported as “NC” (not calculated.
- For batch QC MS/MSD, if the parent sample result is within the calibration range and the MS/MSD results are above the calibration range, the results are reported with the MS/MSD result being flagged as an over range measurement (e.g., the E-flag qualifier).
- If the MS/MSD are client requested, the parent sample result is within calibration range and the MS/MSD results are above the calibration

range, the sample and spike should be diluted, keeping in mind that we need to assess whether or not the dilution will best serve the client's needs. Consult with the PM as needed. Both the parent sample and MS/MSD samples must have the same dilution factor. Some EDDs do not accept data that are at different dilution factors.

- If the native analyte concentration in the MS/MSD sample exceeds 4 times the spike level for that analyte, the recovery data are reported as NC (i.e., not calculated) and the appropriate qualifier flags are added.

NOTE: See Policy Memorandum P16-001 for more detail.

NOTE: Some client programs require reanalysis to confirm matrix interferences. Check special project requirements for this corrective action.

9.2.5 Surrogates

Each calibration standard, field sample, and QC sample is spiked with the surrogate compound DCAA. Surrogates are added to samples before the first extraction step.

Acceptance Criteria: The recovery of the surrogate must fall within established statistical limits, which are based on historical data and stored in the LIMS.

Corrective Action: If recoveries for surrogates in blanks or LCSs are outside of the control limits, check for calculation or instrument problems, and reprepare and reanalyze the associated samples. High surrogates in the MB may be acceptable if the MB has no detections above ½ of the reporting limit for targeted compounds and the program requirements do not restrict this. Likewise, out of control surrogates in the LCS may be acceptable if the spiked compounds are in control. In any case the cause for the out of control surrogate must be thoroughly investigated and corrective action must be taken to correct the situation.

For samples with failing surrogate recoveries, the decision to reanalyze or flag the data should be made as required by the project QA plan.

If matrix interference is obvious from observation of chromatograms or other objective evidence, reanalysis is unlikely to produce new or more

useful information. The specific nature of the matrix interference must be noted in the NCM. If matrix interference is not obvious from the initial analysis, it is only necessary to reprepare and reanalyze a sample once to demonstrate that poor surrogate recovery is due to matrix effect, so long as the extraction/instrument system is proven to be working properly. Document all out of control surrogate events in an NCM and clearly explain what corrective action was taken.

9.3 Instrument Quality Control

Set up the instrument according to the recommended settings shown in Tables 2 and 3.

9.3.1 Mass Calibration and Daily Instrumentation Check

9.3.1.1 For instrument maintenance and troubleshooting guidelines, see Section 6.2.

9.3.1.2 Mass calibration is performed after major detector maintenance has been performed or as needed. The mass assignments are checked prior to initial calibration by either evaluating the response of the herbicide analytes in the low standard or infusing the herbicide analytes into the mobile phase stream. The instrument method is adjusted for small amounts of mass drift (<0.5 amu). Mass calibration is performed if large amounts of mass drift are observed.

9.3.1.3 Mass calibration is performed using a tuning solution provided by the manufacturer in which exact masses are known. The calibration solution is introduced per manufacturer instructions.

9.3.1.4 The LC/MS/MS settings, such as gas flow rates, pressures, and voltage settings, are visually checked daily and optimized as needed. If sensitivity and/or resolution are compromised, infuse a solution of each target compound into the mobile phase between the column and source.

9.3.1.5 If using a previous initial calibration (Section 9.3.2), analyze a CCV prior to samples to verify instrument calibration. See Section 9.3.5 for evaluation criteria.

9.3.2 Initial Calibration

9.3.2.1 Detailed information regarding calibration models and calculations can be found in Corporate SOP CA-Q-P-003 *Calibration Curves and the Selection of Calibration Points* and under the public folder, *Arizona Calibration Training.*

9.3.2.2 The laboratory routinely calibrates using seven concentration levels (see Table 5), with 20 µL injections. A minimum of five calibration levels are required (six if a second order regression fit is used). The lowest point on the calibration curve is at or below the RL. These concentrations define the working range for analysis.

9.3.2.3 The internal standardization method is used, i.e., the ratio of the area response of the target to the area response of one of the internal standards is evaluated (see formulas in Section 11).

9.3.3 Internal Standards (IS)

This method uses an internal standard calibration. The target analyte response is related to the IS response in the calibration. There are two internal standards (IS): 2,4-dichlorophenoxyacetic acid ($^{13}C_6$) and pentachlorophenol ($^{13}C_6$). The IS solution is added to all standards and to all field and QC sample extracts prior to analysis.

Acceptance Criteria: The IS response should be between ±50% of the average response in the initial calibration (ICAL).

Corrective Action: If the IS fails acceptance criteria, corrective action is required, as follows:

- Inspect the system for malfunction and correct as needed.
- If available, use a fresh aliquot of sample extract and re-spike the extracts with internal standard. Reanalyze the affected samples.
- If interferences are present, dilute a fresh aliquot of the sample to minimize the interferences and reanalyze. Add the full amount of internal standard to the sample extract after it is diluted.
- If the interference cannot be corrected, prepare an NCM so that the condition can be reported in the report case narrative.

9.3.4 Second-Source Initial Calibration Verification (ICV)

A 10 µg/L standard (2 µg/L pentachlorophenol) that is obtained from a source different from that of the initial calibration standards is used to verify the initial calibration.

Acceptance Criteria: The result for all target compounds in the ICV standard must be within ± 20% of the expected value.

Corrective Action: If the ICV recovery is outside of the acceptance limits, the calibration standards and instrument operating conditions should be checked and the instrument recalibrated.

9.3.5 Continuing Calibration Verification (CCV)

The Level 5 standard from the same source as the initial calibration is used as the CCV and is analyzed after every 10 samples.

Acceptance Criteria: The CCV must recover within ± 20%D (percent difference) between the standard and measured values of the CCV standard.

Corrective Action: If CCV results fall outside of the acceptance limits, the calibration standards and instrument operating conditions should be checked and the instrument recalibrated. If CCV fails high and samples are non-detect data may be qualified and reported.

If the CCV failures are a result of sample matrix interferences, samples may need to be diluted in order to bring the CCVs within control limits.

The DoD QSM 5.0 allows for the analysis of two CCVs immediately following the out of control CCV. If both of the re-analyzed CCVs are in control then the system is in control and the analysis may proceed.

10.0 Procedure

One-time procedural variations are allowed only if deemed necessary in the professional judgment of supervision to accommodate variation in sample matrix, radioactivity, chemistry, sample size, or other parameters. Any variation in procedure shall be completely documented using an NCM.

10.1 Sample Preparation of Aqueous Samples and Calibration Standards

10.1.1 Prepare each aqueous sample by adding 0.5 mL of the sample, 0.3 mL of acetonitrile, 50 µL of the IS solution (see Section 7.5), 50 µL of 1% formic acid, and 0.2 mL of surrogate solution (see Section 7.6) to an autosampler vial. Cap the vial and invert to mix.

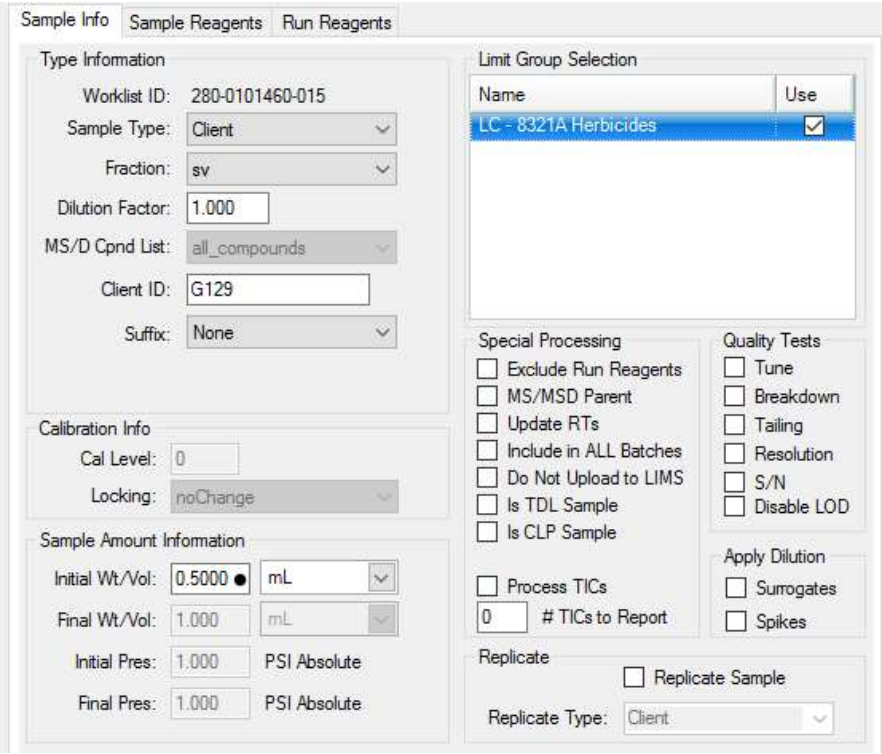
10.1.2 Prepare the method blank by adding 0.5 mL of reagent water, 0.3 mL of acetonitrile, 50 µL of the IS solution (see Section 7.5), 50 µL of 1% formic acid, and 0.2 mL of surrogate (see Section 7.6) to an autosampler vial. Cap the vial and invert to mix.

10.1.3 Prepare the LCS by adding 0.5 mL of reagent water, 0.1 mL of the Aqueous Spiking Solution (see Section 7.8), 0.4 mL of acetonitrile, 50 µL of the IS

solution (see Section 7.5), and 50 µL of 1% formic acid to an autosampler vial. Cap the vial and invert to mix.

10.1.4 Prepare the MS and MSD by adding 0.5 mL of the selected sample, 0.1 mL of the Aqueous Spiking Solution (see Section 7.8), 0.4 mL of acetonitrile, 50 µL of the IS solution (see Section 7.5), and 50 µL of 1% formic acid to an autosampler vial. Cap the vials and invert to mix.

10.1.5 The 1:1 dilution of sample to solvent for aqueous analysis must be added in the Work list (Chrom Toolbar/Worklist Editor) in order to calculate the correct result. Under the sample info tab/Sample amount information section- adjust the Initial Wt/Wol to 0.5000mL, where the Final Wt/Vol should be 1.000mL.



10.1.6 Prepare each calibration standard by diluting the intermediate standard (see Section 7.2) into a 1:1 solution of acetonitrile and water to a final volume of 1.0 mL. Add 50 µL of the IS solution and 50 µL of 1% formic acid. Cap the vials and invert to mix.

10.1.7 The following table summarizes the volumes of sample, reagents, and standards that are added to an autosampler vial for each component of an analytical batch:

Batch Component	Aliquot (0.5 mL)	Surrogate Solution	Aqueous Spiking Soln (with Surrogate)	Acetonitrile	Herb Cal	1:1 ACN/H_2O	IS Solution	1% Formic Acid
STD 1	---	---	---	---	10 µL	990 µL	50 µL	50 µL
STD 2	---	---	---	---	20 µL	980 µL	50 µL	50 µL
STD 3	---	---	---	---	50 µL	950 µL	50 µL	50 µL
STD 4	---	---	---	---	100 µL	900 µL	50 µL	50 µL
STD 5	---	---	---	---	200 µL	800 µL	50 µL	50 µL
STD 6	---	---	---	---	500 µL	500 µL	50 µL	50 µL
STD 7	---	---	---	---	1000 µL	---	50 µL	50 µL
ICV	---	---	0.1 mL	---	---	0.9 mL	50 µL	50 µL
Sample	sample	0.2 mL	---	0.3 mL	---	---	50 µL	50 µL
Method Blank	reagent water	0.2 mL	---	0.3 mL	---	---	50 µL	50 µL
LCS/LCSD	reagent water	---	0.1 mL	0.4 mL	---	---	50 µL	50 µL
MS/MSD	selected sample	---	0.1 mL	0.4 mL	---	---	50 µL	50 µL

The samples are now ready for analysis. See Section 10.3.

10.2 Sample Extraction Procedure for Soil Samples

10.2.1 Rinse a 125 mL Erlenmeyer flask, funnel, and filter paper with ether.

10.2.2 Place a 10-11 gram subsample of the soil sample into a 125 mL Erlenmeyer flask. Make sure the subsample is in the bottom of the Erlenmeyer flask and not all over the sides of the Erlenmeyer flask.

10.2.3 For the MS and MSD, place duplicate 10-11 gram aliquots from the selected sample into separate 125 mL Erlenmeyer flasks.

10.2.4 For the method blank and the LCS, use 10 g of Ottawa sand.

10.2.5 Add 1.0 mL of the surrogate solution (see Section 7.6) to all samples and QC samples.

10.2.6 Add 1.0 mL of Soil Spiking Solution (see Section 7.7) to the LCS and MS/MSD samples.

10.2.7 Add 1 mL of 50% formic acid to all samples.

10.2.8 Add 10 g of formic acid acidified sodium sulfate to each sample and QC sample, mix with a steel spatula, and let stand for 15 minutes.

10.2.9 Check the pH of the soil mixture with wide range pH paper. If the pH is >2, then repeat the formic acid addition described in Section 10.2.7.

10.2.10 Add 25 mL of a mixture of 80% ether and 20% acetone. Cap with foil.

10.2.11 Shake for 10 minutes using a wrist action shaker or orbital platform shaker. Set the shaker to 375 rpm.

10.2.12 Decant and filter the extract through glass fiber filter paper into an ether-rinsed 125 mL media bottle. Make sure to rinse the filter paper with ether after the extract has passed through the paper. Repeat the solvent addition and shaking two more times, combining the extracts.

NOTE: The extraction can be stopped at this point and the extract refrigerated, otherwise proceed to the concentration procedure.

10.2.13 Concentrate the combined extracts to approximately 2 to 3 mL using a Turbo-Vap at 40 °C, then add 5 mL of acetonitrile. Concentrate this solution down to 2 to 3 mL. Transfer the extract from the Turbo-Vap to a 10 mL glass vial and then bring it up to a final volume of 5.0 mL with acetonitrile and cap the vial.

10.2.14 The extracts are ready for delivery to the LC/MS instrument lab for analysis. For an undiluted sample, the weight of soil extracted (approximately 10 g) and the final extracted volume (10.0 mL) is recorded on the bench sheet. The final volume recorded in TALS takes into account the 2x dilution in water done by the analytical group, as described in Section 10.3.6.

10.3 Sample Analysis

10.3.1 Instrument Setup and Analytical Sequence:

10.3.1.1 HPLC conditions for this method are presented in Table 2. Mass spectrometer conditions are presented in Table 3. Use the instrument system software interface to establish instrument operating conditions.

10.3.1.2 Use the instrument software to set up and run the analytical sequence. Sample injection and analysis are automated and may proceed unattended.

10.3.1.3 Calibrate the instrument as described in Section 9.3.2, calculations are detailed in Section 11.

10.3.1.4 The analytical sequence starts with an initial calibration or continuing calibration verification (CCV).

10.3.2 An autosampler is used to inject 20 µL of sample or sample extract into the chromatographic system. All samples and QC samples must be analyzed using the same instrument conditions as the calibration standards.

10.3.3 Aqueous samples (and related QC samples) are prepared directly in an autosampler vial as described in Section 10.1.

10.3.4 Soil sample extracts (and related soil QC sample extracts) must be transferred to autosampler vials and prepared for analysis as follows:

10.3.4.1 Transfer 0.5 mL of the sample extract (Section 10.2.14) to an autosampler vial.

10.3.4.2 Add 0.5 mL of HPLC-grade water to each vial.

10.3.4.3 Add 50 µL of the IS solution (see Section 7.5) and 50 µL of 1% formic acid to each vial.

10.3.4.4 Cap each vial and mix the solution by inverting several times. The extract is now ready for analysis. For an undiluted sample, the weight of the soil extracted is 10 g (or as specified on the benchsheet) and the final volume of the extract for analysis is 10 mL.

10.3.5 Use the instrument software interface to set up and run the analytical sequence. Sample injection and analysis are automated and may proceed unattended.

10.3.6 Dilutions

10.3.6.1 If the response for any compound exceeds the working range of the LC/MS/MS, a dilution of the extract is prepared and analyzed. A dilution may also be performed when the sample matrix interferes with either the internal standard or the CCV recoveries. Ideally the dilution will produce an instrument response near the mid-level calibration standard. The most concentrated dilution with no target compounds above the calibration range will be reported. Other dilutions will be reported only at client request.

10.3.6.2 Refer to the Table below for common dilutions, prepared in the autosampler vials. To each vial, 50 µL of IS and 50 µL of 1% formic acid must be added. Preparing dilutions in this manner will result in a standard dilution factor that is applied to the original extracts of the samples.

Sample Dilution required	*SOIL SAMPLES*				*WATER SAMPLES*		
	Sample extract (ACN, µL)	ACN added (µL)	H_2O added (µL)		Sample extract (H_2O, µL)	H_2O added (µL)	ACN added (µL)
1x	500	0	500		500	0	500
2x	250	250	500		250	250	500
5x	100	400	500		100	400	500
10x	50	450	500		50	450	500
25x	20	480	500		20	480	500

10.3.7 Retention time criteria for samples

If the retention time for the internal standard changes by more than 0.5 minute (30 seconds) from the average retention time in the initial calibration, the data must be evaluated to ensure that the analysis can be interpreted correctly. Reanalysis of samples analyzed while the system was malfunctioning may be required.

11.0 Calculations / Data Reduction

11.1 Qualitative Identification

An analyte is identified by retention time and ion mass (see Table 4). The sample component retention time must fall within ± 0.5 minute of the average retention time of the standard component in the initial calibration. If a compound cannot be verified by the above criteria, but in the technical judgment of the analyst the identification is correct, the analyst shall report that identification and proceed with quantitation.

11.2 Manual Integrations

Upon completion of the analytical sequence, transfer the raw instrument data to Chrom for further processing. Review the chromatograms to ensure correct assigning of peaks and correct integration of each peak. If manual data manipulations are necessary, they must be justified and documented. See DV-QA-011P *Acceptable Manual Integration Practices* for more information.

11.3 Calculations for Calibration Standards and Sample Extracts

The concentration of each identified analyte and surrogate in the extract is calculated from the linear or quadratic curve fitted to the initial calibration points, or from the average response factor (RF) of the initial calibration. See Eurofins Policy CA-Q-P-003 *Calibration Curves and the Selection of Calibration Points* for more information.

11.3.1 Calibration Types

The following requirements must be met for any calibration to be used. If these criteria are not met, instrument conditions and standards will be checked, and the ICAL successfully repeated before continuing.

11.3.1.1 Calibration models must be chosen with consideration for providing the best fit, intercept characteristics, and correlation criteria.

11.3.1.2 Response must increase with increasing concentration.

11.3.1.3 The absolute value of the intercept of the curve at zero response must be less than the concentration that corresponds to ½ the Reporting Limit.

11.3.2 For linear regressions, the correlation coefficient (r) must be ≥ 0.995 (equivalent to $r^2 \geq 0.990$). For second-order regression fits, the coefficient

of determination (r^2) must be ≥ 0.990. While second-order regression equations may be used, the intercept and degree of curvature should be examined to be sure that results will be reliable throughout the working range. A 1/x or $1/x^2$ weighting is recommended.

NOTE: In a linear or quadratic calibration fit, the points at the lower end of the calibration curve have less weight in determining the curve generated than points at the high concentration end of the curve. However, in environmental analysis, accuracy at the low end of the curve is very important. For this reason, it is preferable to increase the weighting of the lower concentration points. Using weighting based on 1/concentration or $1/\text{concentration}^2$ (often called 1/x or $1/x^2$ weighting) will improve accuracy at the low end of the curve and should be used if the data system has this capability.

11.3.3 Rejection of Calibration Points

11.3.3.1 If the analyst believes that a point on the curve is inaccurate, the preferred practice is to rerun the ICAL. Generally it is NOT acceptable to remove points from a calibration for the purposes of meeting calibration criteria, unless the points are the highest or lowest on the curve AND the reporting limit and/or linear range are adjusted accordingly (see CA-Q-P-003).

11.3.3.2 The only exception to this rule is that a mid-level point may be removed from the calibration if the reason is clearly documented (for example a broken vial). A minimum of five levels must remain for linear fits, and there must be a minimum of six levels for a quadratic fit. All raw data, including data from rejected calibration points, will be included in the study package.

11.3.4 Linear Calibration Using Average Response Factors

For each target analyte, calculate the response factor of each calibration level as follows:

$$RF_i = \frac{R_i C_{is}}{R_{is} C_i} \qquad \textit{Equation 1}$$

Where:
- RF_i = Response factor for the ith level
- R_i = Response for standard
- C_{is} = Concentration for internal standard
- R_{is} = Response for internal standard
- C_i = Concentration of standard for the ith level

For each target analyte, calculate the average response factor as follows:

$$\text{Average Response Factor} = \overline{RF} = \frac{\sum_{i=1}^{n} RF_i}{n} \qquad \textit{Equation 2}$$

Where: n = Number of calibration levels
RF_i = Response factor for the ith level

The relative standard deviation (RSD) is calculated as follows:

$$\%\boldsymbol{RSD} = \frac{\boldsymbol{SD}}{\overline{\boldsymbol{RF}}} \times \mathbf{100}\% \qquad \textit{Equation 3}$$

Where SD is the standard deviation of the average RF, which is calculated as follows:

$$\mathrm{SD} = \sqrt{\frac{\sum_{i=1}^{N}\left(RF_i - \overline{RF}\right)^2}{N-1}} \qquad \textit{Equation 4}$$

11.3.5 Average Calibration Factor Evaluation

The calibration relationship can be graphically represented as a line through the origin with a slope equal to the average calibration factor.

Acceptance Criteria: The RSD of the average response factor must be < 20%. Also examine the residuals, especially for the high points versus the fitted function. If the residual values are large, a linear regression should be considered.

Corrective Action: If the RSD is > 20%, average response factor cannot be used and least-squares linear regression should be attempted.

11.3.6 Linear Fit

Calibration using least-squares linear regression produces a straight line that does not pass through the origin. The calibration relationship is constructed by performing a linear regression of the instrument response (peak area or peak height) versus the concentration of the standards. The instrument response is treated as the dependent variable (y) and the concentration as the independent variable (x). The weighting used is the reciprocal of the concentration or the reciprocal of the square of the concentration. The regression produces the slope and intercept terms for a linear equation in the following form for an internal standard calibration:

$$\frac{R_x C_{is}}{R_{is}} = m_1(C_s) + b \qquad \textit{Equation 5}$$

Where:

C_s	=	Analyte concentration in calibration standard, µg/L
R_x	=	Response for analyte
R_{is}	=	Response for internal standard
C_{is}	=	Concentration of internal standard
b	=	y - Intercept

m_1 = Slope

To calculate the concentration in an unknown sample extract, the regression equation is solved for concentration, resulting in the following equations, where C_{ex} is the concentration of the target analyte in the unknown sample:

$$Cex = \frac{\left[\frac{R_x C_{is}}{R_{is}} - b\right]}{m_1} \qquad \textit{Equation 6}$$

Where:

C_{ex}	=	Extract analyte concentration, µg/L
R_x	=	Response for analyte
R_{is}	=	Response for internal standard
C_{is}	=	Concentration of internal standard
b	=	y - Intercept
m_1	=	Slope

11.3.7 Evaluation of the Linear Least-Squares Regression Calibration Function:

11.3.7.1 With an unweighted linear regression, points at the lower end of the calibration curve have less weight in determining the curve than points at the high concentration end of the curve. For this reason, inverse weighting of the linear function is recommended to optimize the accuracy at low concentrations.

11.3.7.2 Note that the August 7, 1998 EPA memorandum “Clarification Regarding Use of SW-846 Methods”, Attachment 2, Page 9, includes the statement “The Agency further recommends the use of this form of weighted regression over the use of an unweighted regression.”

Acceptance Criteria:

- To avoid bias in low level results, the absolute value of the y-intercept must be significantly less than the reporting limit (RL), and preferably less than the MDL.
- Examine the residuals, but with particular attention to the residuals at the bottom of the curve. If the intercept or the residuals are large, a second-order regression should be considered.
- The linear regression must have a correlation coefficient, $r \geq 0.995$ (equivalent to $r^2 \geq 0.990$).

11.3.8 Quadratic Fit

When the instrument response does not follow a linear model over a sufficiently wide working range, or when the previously described calibration approaches fail acceptance criteria, a non-linear, second-order

calibration model may be employed. The second-order calibration uses the following equation for an internal standard calibration:

$$\frac{R_x C_{is}}{R_{is}} = m_2(C_s)^2 + m_1(C_s) + b \qquad \textit{Equation 7}$$

Where:

C_s	=	Analyte concentration in calibration standard, µg/L
R_x	=	Response for analyte
R_{is}	=	Response for internal standard
C_{is}	=	Concentration of internal standard
m_2	=	Curvature
m_1	=	Slope
b	=	y - Intercept

To calculate the concentration in an unknown sample extract, the roots of the quadratic equation are solved for:

$$C_{ex} = \frac{-m_1 \pm \sqrt{(m_1)^2 - 4(m_2)\left(b - \frac{R_x C_{is}}{R_{is}}\right)}}{2m_2} \qquad \textit{Equation 8}$$

Where:

C_{ex}	=	Extract analyte concentration, µg/L
R_x	=	Response for analyte
R_{is}	=	Response for internal standard
C_{is}	=	Concentration of internal standard
m_2	=	Curvature
m_1	=	Slope
b	=	y - Intercept

A minimum of six points must be used for a second-order regression fit.

11.3.9 Evaluation of Second-Order Regression Calibration:

Acceptance Criteria:

11.3.9.1 The coefficient of determination (COD, r^2) must be ≥ 0.990.

11.3.9.2 The absolute value of the intercept is not large relative to the lowest concentrations being reported.

11.3.9.3 The response increases significantly with increasing standard concentration (i.e., the instrument response does not plateau at high concentrations).

11.3.9.4 The distribution of concentrations is adequate to characterize the curvature.

11.3.10 Calculations for reporting original samples

11.3.10.1 Calculating concentration in an aqueous samples:

$$\text{Concentration}, \mu\text{g/L} = \frac{Cex\ Vt}{Vo}\ x\ DF \qquad \textit{Equation 9}$$

Where:

C_{ex}	=	Extract analyte concentration, µg/L
V_t	=	Total Volume of original extract in liters
V_o	=	Volume of water extracted in liters
DF	=	Dilution factor

11.3.10.2 Calculating concentration in soil samples:

The concentration in a sediment/soil, sludge (on a dry-weight basis) and waste (normally on a wet-weight basis) is calculated as follows:

$$\text{Concentration}, \mu\text{g/kg} = \frac{Cex\ Vt}{Ws\ D}\ xDF \qquad \textit{Equation 10}$$

Where:

C_{ex}	=	Extract analyte concentration, µg/L
V_t	=	Total Volume of original extract in liters
W_s	=	Weight of sample extracted or diluted in kilograms
D	=	(100 - % moisture in sample)/100, or a dry-weight basis or 1 for a wet-weight basis
DF	=	Dilution factor

11.3.11 LCS and CCV Percent Recovery

$$\text{Control Spike Recovery} = \frac{S_{SR}}{S_A} \times 100\% \qquad \textit{Equation 11}$$

Where (in µg/L):

S_{SR}	=	Calculated analyte concentration of spiked sample
S_A	=	Concentration of standard added

11.3.12 MS / MSD Percent Recovery Calculation

$$\text{Matrix Spike Recovery} = \frac{S_{SR} - S_R}{S_A} \times 100\% \qquad \textit{Equation 12}$$

Where (in µg/L):

S_{SR}	=	Calculated analyte concentration of spiked sample
S_R	=	Calculated analyte concentration of parent sample
S_A	=	Concentration of standard added

11.3.13 Relative Percent Difference Calculation for the MS/MSD:

$$RPD = \frac{|MSR - MSDR|}{1/2(MSR + MSDR)} \times 100$$ *Equation 13*

Where:

RPD = Relative percent difference
MS_R = Matrix spike result of analyte
MSD_R = Matrix spike duplicate result of analyte

11.3.14 Reporting limits are shown in Table 1. If samples require dilutions or smaller volumes than normally used, the MDLs and RLs will be increased based on the dilution factor.

11.3.15 All results are subject to two levels of technical review. See SOP DV-QA-0020 Data Review for a more detailed description for data review and an example of this checklist.

12.0 Method Performance

12.1 Method Detection Limit Study (MDL)

The method detection limit (MDL) is the lowest concentration that can be detected for a given analytical method and sample matrix with 99% confidence that the analyte is present. The MDL is determined according to the laboratory's MDL policy in CA-Q-S-006 *Detection and Quantitation Limits*. MDLs reflect a calculated (statistical) value determined under ideal laboratory conditions in a clean matrix, and may not be achievable in all environmental matrices. The laboratory maintains MDL studies for analyses performed; these are verified at least annually unless method or program requirements require a greater frequency.

12.2 Demonstration of Capabilities

All personnel are required to perform an initial demonstration of proficiency (IDOC) on the instrument they will be using for analysis prior to testing samples. On-going proficiency must be demonstrated annually. IDOCs and on-going proficiency demonstrations are conducted as follows.

12.2.1 Four aliquots of the QC check sample are analyzed using the same procedures used to analyze samples, including sample preparation. The concentration of the QC check sample should be equivalent to a mid-level calibration.

12.2.2 Calculate the average recovery and standard deviation of the recovery for each analyte of interest.

12.2.3 If any analyte does not meet the acceptance criteria, the test must be repeated. Only those analytes that did not meet criteria in the first test need to be evaluated. TNI 2009 requires consecutive passing results. Repeated failure for any analyte indicates the need for the laboratory to evaluate the analytical procedure and take corrective action.

12.2.4 Until the IDOC is approved by the QA Manager (or designee); the trainer and trainee must be identified in the batch record.

12.2.5 Further details concerning demonstrations of proficiency are described in SOP DV-QA-0024 *Training*.

12.3 Training Requirements

The Group Leader is responsible for ensuring that this procedure is performed by an associate who has been properly trained in its use and has the required experience. A new analyst must be working under documented supervision prior to approval of the IDOC. Documentation that a new analyst is performing under supervision must be entered into the batch record (View Batch Information) until that analyst's IDOC has been approved by the QA Manager (or designee). See requirements for demonstration of analyst proficiency in SOP DV-QA-0024 *Training*.

13.0 Pollution Control

13.1 Standards and reagents are prepared in volumes consistent with laboratory use to minimize the volume of expired standards and reagents requiring disposal.

13.2 Direct aqueous analysis eliminates solvent waste during the preparation step for water samples.

14.0 Waste Management

14.1 All waste will be disposed of in accordance with Federal, State, and local regulations. Where reasonably feasible, technological changes have been implemented to minimize the potential for pollution of the environment. Employees will abide by this procedure, the policies in Section 13, *Waste Management and Pollution Prevention*, of the Environmental Health and Safety Manual, and DV-HS-001P *Waste Management Plan*.

14.2 The following waste streams are produced when this method is carried out:

14.2.1 Expired Chemicals/Reagents/Standards – Contact Waste Coordinator

14.2.2 Methanol and acetonitrile solvent waste – Flammable Solvent - Waste Stream C

14.2.3 Soil samples, post extraction - Excess Solid Samples - Waste Stream D

14.2.4 Instrument process waste - Flammable Solvent - Waste Stream C

14.2.5 Expired Capped Extract Vials - Waste Stream A

NOTE: Radioactive and potentially radioactive waste must be segregated from non-radioactive waste as appropriate. Contact the Waste Coordinator for proper management of radioactive or potentially radioactive waste generated by this procedure.

15.0 References / Cross-References

15.1 SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, Third Edition and all promulgated updates, EPA Office of Solid Waste, January 2005.

15.1.1 Method 8321A, Solvent Extractable Nonvolatile Compounds by High Performance Liquid Chromatography/Thermospray/Mass Spectrometry (HPLC/TS/MS) or Ultraviolet (UV) Detection, Revision 1, December, 1996,

15.1.2 Method 8321B, Solvent Extractable Nonvolatile Compounds by High Performance Liquid Chromatography/Thermospray/Mass Spectrometry (HPLC/TS/MS) or Ultraviolet (UV) Detection, Revision 2, February, 2007.

15.1.3 Method 8000B, Determinative Chromatographic Separations, Revision 2, December 1996.0

15.1.4 Method 8000C, Determinative Chromatographic Separations, Revision 3, March 2003.

15.2 Department of Defense Quality Systems Manual for Environmental Laboratories, Final Version 4.2, 10/25/2010.

15.3 Department of Defense Quality Systems Manual for Environmental Laboratories Version 5.0, July 2013.

16.0 Method Modifications:

Item	Method	Modification
1	8321A/B	Method 8321A is a general purpose LC/MS or LC/UV environmental method listing a variety of instrument configurations. The techniques referenced and utilized in 8321A/B (thermospray MS/MS) are not the same techniques in this SOP. Many of the details in the method for herbicides have been modified during an extensive method development and evaluation process. This SOP presents the best practices that were demonstrated during the development process.
2	8321A/B	Tables 7 and 8 of Method 8321A list PEG 400 and PEG 600 as possible tuning solutions. This SOP uses the tuning solution provided by the manufacture as discussed in Section 7.9 and 9.3.1.3.
3	8321A/B	The method for solid extraction uses 1:1 H_2SO_4. This SOP uses 50% formic acid.
4	8321A/B	The method for water extraction uses a diethyl ether extraction before analysis. This SOP uses a direct injection technique. The volume of sample required is much lower than that established in SW-846 due to this direct injection technique.

Item	Method	Modification
5	8321A/B	The method requires internal standards to be measured by height. This SOP uses the area response, consistent with Method 8000C, sections 9.3.2.3 and 11.3.6
6	8321A/B 8000C	In section 7.8.7.3 of 8321A and section 11.11.6.3 of 8321B, the height of the internal standard peak is required to be within ±30% of the average internal standard height of the ICAL. This SOP requires that the internal standard response be ±50% of the average internal standard response in the ICAL. The internal standards utilized in this SOP are more directly matched to the target compounds analyzed by this SOP. This SOP utilizes the control limits of ±50% for the internal standard responses, established in the AFCEE QAPP, version 4.0 for SW8321A analysis (Table 7.2.6.4-1). This is more stringent than the 50-200% limit in Method 8000C.
7	8321B	Method 8321B requires the mass spectrometer be tuned at the beginning of each 12-hour shift. This requirement is not stated in Method 8321A. Mass calibration is performed annually or after major maintenance using tuning solution provided by the manufacturer. CCVs are analyzed at the start of a run and every 10 samples which will identify any instrument drift that requires the instrument be retuned.
8	8321A/B	The source methods stipulate the retention time be verified by relative retention time of 0.9 to 1.1. This SOP uses the absolute retention time of the target analyte compared to the average retention time of the initial calibration.

17.0 Attachments

Table 1: Analyte List and Reporting Limits
Table 2: Recommended HPLC Operating Conditions
Table 3: Recommended Mass Spectrometer Operating Conditions
Table 4: Characteristic Ions and Scan Conditions
Table 5: Calibration Levels

18.0 Revision History

This section has been added beginning with Revision 0. Only details of the last two revisions are incorporated into this SOP. Prior revisions are documented in the QA files and available upon request.

- Revision 16, dated 15 Feb 2023
  - Annual Review
  - Updated copyright information
  - Changed Eurofins TestAmerica to Eurofins Denver throughout
  - Updated language for formatting throughout
  - Updated instrument information and routine maintenance schedule in Sections 6.1 and 6.2
  - Updated spiking procedures and naming in Sections 7.4, 7.5 7.6, 7.7, and 7.8
  - Updated instrument mass calibration and daily instrument check Section 9.3.1
- Revision 15, dated 21 May 2021
  - Annual Review
  - Updated copyright information
  - Changed TestAmerica to Eurofins TestAmerica throughout
  - Updated language and formatting throughout
  - Removed Item 9 from the Method Modifications
  - Added Section 10.1.5

Table 1: Analyte List and Reporting Limits

Compound	CAS Number	Reporting Limit in Water (µg/L)	Reporting Limit in Soil (µg/kg)
2,4-D	94-75-7	5.0	5.0
2,4-DB	94-82-6	6.0	12.0
Dicamba	1918-00-9	5.0	6.0
2,4,5-T	93-76-5	5.0	5.0
2,4,5-TP (Silvex)	93-72-1	5.0	5.0
Dalapon	127-20-8	5.0	9.0
Dichlorprop	120-36-5	5.0	5.0
Dinoseb	88-85-7	5.0	9.0
MCPA	94-76-6	5.0	5.0
MCPP	93-65-2	5.0	5.0
Pentachlorophenol	87-86-5	1.0	1.0

Table 2: Recommended Instrument Operating Conditions

HPLC (e.g., Waters HPLC)	
Parameter	**Setting**
Column	Phenomenex Synergi Hydro RP C18 75 x 3 mm or equivalent.
Column Temperature	35 °C
Eluent Flow Rate	0.4 mL/min
Eluent Identification	A = 0.1% formic acid aqueous B = acetonitrile
Solvent Program	50% A – 50% B at start 50% A – 50% B at 0.5 min 5% A – 95% B at 4 min 50% A – 50% B at 5 min
Injection Volume	20 µL

Table 3: Recommended Mass Spectrometer Operating Conditions

Parameter	Premier Setting
Scan Mode	ESI, Negative Ion
Ion Spray Voltage	-3500 V
Temperature	500 °C
Curtain Gas	35
Collision Gas	9
Ion Source Gas I	55
Ion Source Gas II	45

Table 4: Characteristic Ions and Scan Conditions

Analyte	Peak #	Precursor Ion > Product Ion (m/z)	Precursor Ion >Confirmation Ion	Precursor Ion >Confirmation Ion (alt)
Dalapon	1	141 > 97	141 > 105	--
Dicamba	2	219.1 > 174.9	219 > 354.9	--
2,4-Dichlorophenyl acetic acid (DCAA), surrogate	3	249 > 159	--	--
2,4-D	4	218.8 > 160.9	218.8 > 124.8	--
2,4-Dichlorophenoxyacetic acid ($^{13}C_6$), internal standard	5	225 167	--	--
MCPA	6	199.2 > 140.9	199.2 > 105	--
Dichlorprop	7	233 > 161	233 > 141	--
MCPP	8	213 > 141	213 > 71	213 > 105
2,4,5-T	9	253 > 195	253 > 209	253 > 123
2,4-DB	10	247 > 161	293 > 161	--
2,4,5-TP (Silvex)	11	267 > 195	267 > 159	267 > 99
Dinoseb	12	239 > 193	239 > 134	--
Pentachlorophenol ($^{13}C_6$), internal standard	13	273 > 273	--	--
Pentachlorophenol	14	265 > 265	267 > 267	

Table 5: Calibration Levels (µg/L of extract)

Analytes	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7
Dalapon	1.0	2.0	5.0	10	20	50	100
2,4-Dichlorophenyl acetic acid (DCAA), surrogate	2.0	4.0	10	20	40	100	200
2,4-D	1.0	2.0	5.0	10	20	50	100
Dicamba	1.0	2.0	5.0	10	20	50	100
MCPA	1.0	2.0	5.0	10	20	50	100
Dichlorprop	1.0	2.0	5.0	10	20	50	100
MCPP	1.0	2.0	5.0	10	20	50	100
2,4,5-T	1.0	2.0	5.0	10	20	50	100
2,4-DB	1.0	2.0	5.0	10	20	50	100
2,4,5-TP (Silvex)	1.0	2.0	5.0	10	20	50	100
Dinoseb	0.25	0.5	1.25	2.5	5	12.5	25
Pentachlorophenol	0.2	0.4	1.0	2.0	4.0	10	20
Amount of intermediate added.	10 µL	20 µL	50 µL	100 µL	200 µL	500 µL	1000 µL

NOTE: At a minimum, the above listed calibration levels must be analyzed. As long as all calibration criteria and reporting limits have been met, high or low points may be turned off at the analyst's discretion.

Electronic Copy Only

Title: Polynuclear Aromatic Hydrocarbons by GC/MS Selected Ion Monitoring (SIM) [SW-846 Method 8270C/D/E]

Approvals (Signature/Date):

Daniel Maddox 7/27/2023 Daniel Maddox Date Department Specialist	Reed Pottruff 7/27/2023 Reed Pottruff Date Health & Safety Manager / Coordinator
Kelly Maddox 7/27/2023 Kelly Maddox Date Quality Assurance Manager	Anthony Grimaldi 7/27/2023 Anthony Grimaldi Date Business Unit Manager

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1.0 Scope and Application

1.1 This procedure is a Gas Chromatography/Mass Spectrometry (GC/MS) technique for the analysis of polynuclear aromatic hydrocarbons (PAH) and heterocyclic compounds at the part per trillion (ng/L or ng/kg) level in waters or solids. This procedure follows the general guidelines of EPA Methods 8270C/D/E for Selected Ion Monitoring (SIM) analysis.

1.2 The SIM technique optimizes quantitative information at the expense of qualitative information gained from other methods of analysis. It is important to note that this procedure is intended for the analysis of samples previously characterized by another method such as open-scan 8270C/D/E. The initial characterization is necessary to avoid misidentification of the parent compounds producing the ions used for this analysis.

1.3 In addition, this procedure is appropriate only for sample analytes of interest at less than 10,000 ng/L or 330,000 ng/kg. Samples containing semivolatile organics at concentrations greater than 10,000 ng/L and 330,000 ng/kg should be analyzed by a method designed to detect at higher (part per billion) levels. Samples at these levels may still be analyzed by this procedure; however, extra measurement uncertainty would be introduced because of the sample dilutions that would be required.

1.4 This procedure is applicable to water and soil samples. For water samples, 1 liter of water is extracted. It is also possible to extract 250 mL of water and analyze by an LVI (large volume injection) method designed to maintain reporting limits while reducing the initial volume of sample required for extraction. For soil samples, a sample aliquot of 30 g is extracted.

1.5 Analytes, Matrices, and Reporting Limits

The standard list of compounds that can be analyzed by this procedure is shown in Table IV. Typical reporting limits are 100 ng/L for aqueous samples and 5.0 µg/kg for soil samples for the PAH compounds.

2.0 Summary of Method

2.1 Sample Preparation

2.1.1 Aqueous Samples

Analytes of interest are extracted from water samples using separatory funnel extraction (EPA 3510C or 3510C_LVI) described in SOP DV-OP-0006 Extraction of Aqueous Samples by Separatory Funnel. The PAH compounds are extracted from the sample without any adjustment to pH. The concentration of organic extracts is covered in SOP DV-OP-0007 *Concentration and Clean-up of Organic Extracts*.

2.1.2 Solid Samples

Solid samples are extracted by sonication (EPA 3550C), which is covered in SOP DV-OP-0016 Ultrasonic Extraction of Solid Samples or by microwave extraction (EPA 3546) described in SOP DV-OP-0015 *Microwave Extraction of Solid Samples*. The extraction solvent is a 1:1 mixture of methylene chloride and acetone. The concentration of organic extracts is covered in SOP DV-OP-0007 *Concentration and Clean-up of Organic Extracts*.

2.2 Instrumental Analysis

2.2.1 Quantitation of the extracted compounds is performed by gas chromatography - mass spectrometry (GC/MS) in the selected ion monitoring mode (SIM). Routine instrument conditions and the ions used for analysis are shown in Tables I and IV, respectively.

2.2.2 Development of a successful SIM method requires identifying the ions to be monitored, the ion dwell times, the ions in each group, and the timing for switching between groups. A quantitation ion is selected with confirmation ions being monitored for identification purposes (see Table IV). Switching times are set where there is adequate resolution (a gap of 1-2 minutes) between peaks. If there is inadequate time between eluting peaks, small retention time shifts may cause peaks to partially or completely disappear as there are changes in the ions monitored. Dwell times will be set by default once the ions per group and the switching times are identified in the data acquisition method. These can be adjusted manually in order to optimize sensitivity as needed.

3.0 <u>Definitions</u>

3.1 Refer to Eurofins Denver's Quality Assurance Manual (QAM) and SOP DV-QA-003P *Quality Control Program* for definitions of the quality control terms used in this document.

3.2 Selected Ion Monitoring - A mass spectrometry technique that provides lower detection level capability by monitoring fewer mass scans for longer periods of time than is done in open-scan methods.

3.3 Primary Ion Area - The signal chosen for quantitation purposes.

3.4 Secondary Ion Area - The signal chosen for identification and confirmation purposes.

3.5 LVI – Large Volume Injection – An analysis method designed to maintain reporting limits while reducing the initial volume of sample required for extraction by increasing the volume of sample extract introduced onto the GC column. Extraction is referred to as RVE (Reduced Volume Extraction).

4.0 Interferences

4.1 Method interferences may be caused by contaminants in solvents, reagents, glassware, and other sample processing hardware that lead to discrete artifacts and/or elevated baselines in the ion current profiles. All of these materials must be routinely demonstrated to be free from interferences under the conditions of the analysis by running laboratory reagent blanks or method blanks. The use of high purity reagents and solvents helps to minimize interference problems.

4.2 Matrix interferences may be caused by contaminants that are co-extracted from the sample. The extent of matrix interferences will vary considerably from source to source, depending upon the nature of the environment being sampled.

4.3 An interference that is unique to selected ion monitoring techniques can arise from the presence of an interfering compound which produces the same ion used for quantitation of one of the PAHs. This event results in a positive interference to the reported value for the compound of interest. This interference is controlled to some degree by acquiring data for a confirmation ion. If the ion ratios between the quantitation ion and the confirmation ion are not within the specified limits, then interferences may be present. Open scan analysis to identify compounds throughout the mass range is the most reliable assurance against reporting false positives.

4.4 Contamination by carryover can occur whenever high–level and low-level samples are sequentially analyzed. To reduce carryover, the sample syringe must be rinsed with solvent between samples. Whenever an unusually concentrated sample is encountered, typically with compound concentrations well in excess of the high calibration standard, the sample analysis that immediately follows the high level sample should be evaluated for carryover. If detections are observed for the compounds that were over the calibration range in the prior sample this sample should be reanalyzed to rule out carryover unless some other objective evidence indicates that carryover is not an issue.

5.0 Safety

5.1 Employees must abide by the policies and procedures in the Environmental Health and Safety Manual, Radiation Safety Manual and this document.

5.2 This procedure may involve hazardous material, operations and equipment. This SOP does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of the method to follow appropriate safety, waste disposal and health practices under the assumption that all samples and reagents are potentially hazardous. Safety glasses, nitrile or latex gloves, lab coats and closed-toe, nonabsorbent shoes are a minimum.

5.3 Specific Safety Concerns or Requirements

5.3.1 Eye protection that satisfies ANSI Z87.1, laboratory coat, and nitrile gloves must be worn while handling samples, standards, solvents, and reagents. Disposable gloves that have been contaminated must be removed and discarded; non-disposable gloves must be cleaned

immediately. Latex and vinyl gloves provide no protection against the organic solvents used in this method. Nitrile or similar gloves must be used.

5.3.2 The gas chromatograph and mass spectrometer contain zones that have elevated temperatures. The analyst needs to be aware of the locations of those zones, and must cool them to room temperature prior to working on them.

5.3.3 The mass spectrometer is under deep vacuum. The mass spectrometer must be brought to atmospheric pressure prior to working on the source.

5.3.4 There are areas of high voltage in both the gas chromatograph and the mass spectrometer. Depending on the type of work involved, either turn the power to the instrument off, or disconnect the instrument from its source of power.

5.4 Primary Materials Used

The following is a list of the materials used in this method, which have a serious or significant hazard rating. This list does not include all materials used in the method. The table contains a summary of the primary hazards listed in the SDS for each of the materials listed in the table. A complete list of materials used in the method can be found in the reagents and materials section. Employees must review the information in the SDS for each material before using it for the first time or when there are major changes to the SDS.

Materials with Serious or Significant Hazard Rating

Material (1)	Hazards	Exposure Limit (2)	Signs and symptoms of exposure
Methanol	Flammable Poison Irritant	200 ppm - TWA	A slight irritant to the mucous membranes. Toxic effects exerted upon nervous system, particularly the optic nerve. Symptoms of overexposure may include headache, drowsiness and dizziness. Methyl alcohol is a defatting agent and may cause skin to become dry and cracked. Skin absorption can occur; symptoms may parallel inhalation exposure. Irritant to the eyes.
Methylene Chloride	Carcinogen Irritant	25 ppm - TWA 125 ppm - STEL	Causes irritation to respiratory tract. Has a strong narcotic effect with symptoms of mental confusion, light-headedness, fatigue, nausea, vomiting and headache. Causes irritation, redness and pain to the skin and eyes. Prolonged contact can cause burns. Liquid degreases the skin. May be absorbed through skin.
PAH standards can contain all or some of the following:			Standards contain low concentrations of compounds known to be or suspected to be carcinogens. All PAH compounds are considered to be hazardous, toxic, and irritants. Some or all are reported human carcinogens, mutagens, and/or teratogens.
benzo(a)anthracene	Carcinogen		
benzo(b)fluoranthene	Carcinogen		
benzo(k)fluoranthene	Carcinogen		
benzo(a)pyrene	Carcinogen		
chrysene	Carcinogen	0.2 mg/m^3 - PEL	
dibenz(a,h)anthracene	Carcinogen		
indeno(1,2,3-cd)pyrene	Carcinogen		
naphthalene		10 ppm - PEL	

(1) Always add acid to water to prevent violent reactions.
(2) Exposure limit refers to the OSHA regulatory exposure limit.

6.0 Equipment and Supplies

6.1 Instrumentation

6.1.1 Gas Chromatograph (See Table I for operating conditions)

The analytical system includes a temperature programmable gas chromatograph and all required accessories including syringes, analytical columns, and gases. The injection port is designed for on-column injection when using packed columns and for split or splitless injection when using

capillary columns. Instruments F, D, K (Agilent 6890 GC, 5973 MSD), or SMS-2 (Agilent 8890 GC, 5977 MSD) may be used for this analysis. Equivalent instruments may be used.

6.1.2 Mass Spectrometer (See Table I for operating conditions)

A mass spectrometer operating at 70 eV (nominal) electron energy in the electron impact ionization mode and tuned to maximize the sensitivity of the instrument to the compounds being analyzed. The GC capillary column is fed directly into the ion source of the mass spectrometer.

6.1.3 A computer system interfaced to the mass spectrometer that allows the continuous acquisition and storage on machine-readable media of all mass spectra obtained throughout the duration of the chromatographic program. The computer has software that allows searching any GC/MS data file for ions of a specific mass and plotting such ion abundances versus time or scan number. The computer allows acquisition at pre-selected mass windows for selected ion monitoring.

6.1.4 Please refer to the Master List of Documents, Software, and Hardware (or current revision) located on R:\QA\Read\Master List of Documents for the current software and hardware to be used for data processing.

6.2 Supplies

6.2.1 All glassware used, both within the scope of this SOP and for the initial sample extraction (see SOPs DV-OP-0006 *Extraction of Aqueous Samples by Separatory Funnel*, DV-OP-0007 *Concentration and Clean-up of Organic Extracts*, DV-OP-0015 *Microwave Extraction of Solid Samples*, and DV-OP-0016 *Ultrasonic Extraction of Solid Samples*), must be scrupulously cleaned. Clean all glassware as soon as possible after use by rinsing with the last solvent used in it. This should be followed by detergent washing with hot water, and rinses with tap water, reagent water, and finally with acetone.

6.2.2 Glassware should <u>not</u> be oven dried or heated in a muffle furnace. Successive solvent rinses of the separatory funnel, sonication, and Kuderna-Danish glassware are required to minimize low level contamination of samples.

6.2.3 Store glassware inverted or in sealed containers capped with aluminum foil.

6.2.4 Gas-tight syringes, various sizes, and SMI pipettors.

6.2.5 Serological pipettes are used for final extract volume measurement.

6.2.6 Micro reaction vessels, 1.8 mL vials with Teflon caps, for storing concentrated extracts.

6.2.7 Column – A Varian VF-5MS 30-meter fused silica capillary column, 0.5 µm film thickness, 0.25 mm ID, plus 10-meter EZguard, or equivalent.

6.2.8 Agilent Ultra Inert splitless single taper liners.

6.2.9 Amber crimp cap vials with Sil/PTFE aluminum seals.

6.2.10 Hamilton 10 and 5 µL autosampler syringes.

7.0 Reagents and Standards

7.1 Reagents

All solvents are reagent grade or higher unless specified otherwise. See SOP CA-Q-S-001 *Acid and Solvent Testing and Approval Program* for a description of the program for testing solvents prior to use. The manufacturer expiration applies to all solvents and when not specified by the manufacturer the expiration will be recorded as one year after opening the solvent for use.

7.1.1 Methanol, reagent grade.

7.1.2 Methylene chloride, reagent grade.

7.1.3 Helium gas, 99% + purity.

7.2 Standards

Commercial standards are received in flame-sealed ampoules or as neat, 100% concentration solutions. Standards are verified before use. Details concerning verification of standards are given in SOP DV-QA-0015 *Verification and Storage of Chemical Standards and Reagents*. Stock standards are stored refrigerated at ≤6°C. All stock standards must be protected from light. Stock standards are monitored for signs of degradation or evaporation. The standards must be replaced annually from the date of opening or earlier, if the vendor indicates an earlier date. Dilutions or working level standards that are prepared from stock standards are assigned an expiration date according to the earliest expiring stock or one year from the date of preparation, whichever date is earlier.

For the PAH compounds and the additional compounds that are mentioned in this SOP the following stock standards are currently used:

8270SIMSurStk O2Si cat. #112220-01-5PAK at 1,000 µg/mL (surrogates)

MS-571995 Restek cat. #571995 at 1,000 µg/mL

MS-APP914820X Accustandard cat. #APP-9-148-20x at 2,000 µg/mL (n-nitrosodiethylamine)

7.2.1 GC/MS Tuning Standard

MS-DFTPP is prepared by diluting 2.5 mL of **MS-31615** (Restek cat. # 31615 at 1,000 µg/mL) to a final volume of 50mL. This solution contains decafluorotriphenylphosphine (DFTPP), dichlorodiphenyltrichloroethane (DDT) pentachlorophenol, and benzidine at a concentration of 50 µg/mL.

7.2.2 Calibration Standards

Calibration standards for the initial calibration (ICAL) are prepared at 7 concentrations to cover the calibration range by diluting vendor stock standard solutions using methylene chloride. The standards are prepared directly in autosampler vials by using syringes to deliver the appropriate volumes of stock standard solution, internal standard solution, and methylene chloride. The following tables summarize a typical set of calibration standards:

MS-SIM FL Stk is a 50 µg/mL calibration substock that is prepared by diluting 0.25 mL of **MS-APP914820X**, 0.5 mL of **MS-571995**, and 0.5 mL of **8270SIMSurStk** to a final volume of 10 mL

MS-SIM CAL WK is a 5 µg/mL calibration substock that is prepared by diluting 1 mL of **MS-SIM FL Stk** to a final volume of 10 mL.

Calibration standard are prepared by diluting **MS-SIM CAL WK** to the appropriate concentration

Vol Stock (µL)	Methylene Chloride (µL)	Internal Standard (µL)	Final Volume (µL)	Conc. PAH (µg/mL)
4	996	100	1000	0.02
10	990	100	1000	0.05
20	980	100	1000	0.1
100	900	100	1000	0.5
200	800	100	1000	1.0
500	500	100	1000	2.5
1000	0	100	1000	5.0

Initial Calibration Verification (ICV) Standard (MS-SIM ICV and MS-SIMNI-SSV3)

Two second source initial calibration verification (ICV) standards are prepared using standard solutions that are obtained from a source independent from the source that supplies the standard used for the initial calibration.

MS-SIM ICV is prepared by diluting 5 µL of **MS-571995.SEC** (Restek cat. # 571995.SEC at 1,000 µg/mL) and 5 µL of **8270SIMSurStk** to a final volume of 10 mL.

MS-SimNit_STK is prepared by diluting 1 mL of **MS-570667** (Restek cat. # 570667 at 1,000 µg/mL) to a final volume of 5 mL. **MS-simni-SSV3** is prepared by diluting 0.5 mL of **MS-SimNit_STK** to a final volume of 5 mL. The ICV is prepared by diluting 24 µL of **MS-simni-SSV3** to a final volume of 1 mL.

The final PAH SIM concentration for these ICV standards is 0.5 µg/mL.

7.2.3 Continuing Calibration Verification (CCV) Standard

A standard with the same analytes and concentrations as the 500 ng/mL calibration standard. The standard may be from the same preparation as the initial calibration or prepared at a later date.

7.2.4 Surrogate Spiking Solutions (8270SIM Surr)

The surrogate spike solution contains neutral surrogates at concentrations of 500 ng/mL in methanol. It is prepared by diluting 0.1 mL of **8270SurrStkHL** (Restek cat. #567685 at 5,000 µg/mL) to a final volume of 1,000 mL with acetone. Table II lists the surrogate compounds for the standard list of PAHs.

- 1.0-liter water extractions, add 1.0 mL of the surrogate spike solution
- 250-mL LVI water extractions, add 0.250 mL of the surrogate spike solution
- 30-gram soil sample extractions, add 1.0 mL of the surrogate spike solution

7.2.5 Internal Standard (IS) Solution (MS-SIM IS)

MS-IS is prepared by diluting 10 mL of **MS-567684** (Restek cat. #567684 at 2,000 µg/mL) to a final volume of 50 mL.

MS-SIM IS is prepared by diluting 1 mL of **MS-IS** to a final volume of 100 mL. Table III lists the IS compounds.

To each sample extract, 25 µL of the IS solution is added to a 250 µL aliquot of the sample extract.

7.2.6 LCS, MS, and MSD Spike Solution (8270BO-SIMLCS)

A methanol solution containing the requested spike compounds at a concentration of 900 ng/mL each is prepared from the vendor stock solution by diluting 0.225 mL of **MS-570666** (Restek cat. #570666 HSL Mega Mix at 1,000 µg/mL) to a final volume of 250 mL with P&T methanol. Following are the final sample concentrations of the spiked compounds for the water and solid extractions:

- 1.0-liter water extractions, add 1.0 mL of the spike solution, [PAH] = 900 ng/L
- 250-mL LVI water extractions, add 0.250 mL of the spike solution, [PAH] = 900 ng/L
- 30-gram soil sample extractions, add 1.0 mL of the spike solution, [PAH] = 30 µg/kg

7.3 All stock and working standards are stored according to the manufacturer's instructions. Dilutions from stocks may not be assigned expiration dates that exceed the stock standard expiration date set by the manufacturer.

8.0 Sample Collection, Preservation, Shipment and Storage

8.1 Sample Amounts

8.1.1 Water samples are collected in pre-cleaned amber glass bottles fitted with a Teflon-lined cap. To guarantee the ability to meet routine reporting limits, two full bottles of sample should be provided. Additional bottles are needed to satisfy the requirements for matrix spikes and duplicate matrix spikes. For the standard method, each bottle should be 1.0 L; for the LVI method, each bottle should be 250 mL.

8.1.2 Soil samples are collected in an 8-ounce, pre-cleaned, wide-mouth jar with a Teflon-lined lid.

8.2 Samples are chilled to a temperature between 0 and 6 °C immediately after collection and shipped via overnight carrier to the laboratory.

8.3 Samples and excess sample volume must be stored refrigerated at ≤ 6 °C from when the log-in process is completed (see SOP DV-QA-0003 *Sample Management and Chain of Custody*) to storage after analysis.

8.4 Water samples must be extracted within 7 days of the time of sample collection, while solid samples must be extracted within 14 days of sampling. Extracts must be analyzed within 40 days from the start of the sample extraction.

9.0 Quality Control

9.1 The minimum quality controls (QC), acceptance criteria, and corrective actions are described in this section. When processing samples in the laboratory, use the Eurofins Denver LIMS (TALS) Method Comments to determine specific QC requirements that apply.

9.1.1 The laboratory's standard QC requirements, the process of establishing control limits, and the use of control charts are described more completely in Eurofins Denver Policy DV-QA-003P *Quality Control Program*.

9.1.2 Specific QC requirements for Federal programs, e.g., Department of Defense (DoD), and Department of Energy (DOE), are described in Eurofins Denver Policy SOP DV-QA-024P QA/QC *Requirements for Federal Programs*.

9.1.3 Project-specific requirements can override the requirements presented in this section when there is a written agreement between the laboratory and the client, and the source of those requirements should be described in the project documents. Project-specific requirements are communicated to the analyst via Method Comments in TALS and the Quality Assurance Summaries (QAS) in the public folders.

9.1.4 Any QC result that fails to meet control criteria must be documented in a Nonconformance Memo (NCM). The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. This is in addition to the corrective actions described in the following sections.

9.2 Method Blank (MB)

A method blank is processed and analyzed with each analytical batch, not to exceed 20 samples. For aqueous samples, the method blank consists of reagent water spiked with surrogates. For soil samples, the method blank is Ottawa sand spiked with surrogates. This sand is mixed with sodium sulfate for extraction by ultrasonication. Method blanks are used to assess whether the laboratory has contributed contamination to the sample analysis process that adversely affects the accuracy of the determination of target analytes. The goal is to have no detectable contaminants in the method blank. However, due to the sensitivity of this analysis, it is not uncommon to detect target analytes at levels above the method detection limit (MDL).

Acceptance Criteria: MB results must be less than ½ the reporting limit.

Corrective Action: If the MB exceeds ½ the RL for any target analyte, then one of the following must apply for acceptance of the batch:

The blank contamination is less than $^{1}/_{10}$ of the measured concentration of any sample in the associated preparation batch, or

The blank contamination is less than the concentration present in the samples and is less than $^{1}/_{10}$ of the regulatory limit, or

The same contaminants are not found in the associated samples.

NOTE: Positive method blank results below the reporting limit should be evaluated by the analyst for potential impact on sample results at or near the reporting limit.

9.3 Laboratory Control Samples (LCS)

A Laboratory Control Sample (LCS) is processed and analyzed with each analytical batch not to exceed 20 samples. For aqueous samples, the LCS consists of reagent water spiked with the analytes of interest and surrogates. For soil samples, the LCS is Ottawa sand spiked with analytes of interest and surrogates. For ultrasonic extraction, sodium sulfate is added to the reagent sand. The LCS spiking solution is described in Section 7.2.6. LCS results are used to determine whether the analytical system is in control. Depending on project requirements, a duplicate LCS (LCSD) may be required to assess the precision of the analytical system.

Acceptance Criteria: The percent recovery for each requested target analyte in the LCS must fall within the established control limits (found in TALS).

Note: SC DHEC compliance samples must recover within limits of 70-130%.

Corrective Action: If the percent recovery for any requested analyte in the LCS exceeds the upper control limit and the analyte is not detected in any of the associated samples, then no further action is required, and data are reported with an NCM.

If the percent recovery for any analyte in the LCS exceeds the upper control limit and the analyte is detected in any of the associated samples, then reanalyze the LCS. If similar results are obtained on the second attempt, then investigate and correct any problems. Re-extract and reanalyze the preparation batch.

If the percent recovery for any analyte in the LCS is below the lower control limit, reanalyze the LCS. If similar results

are obtained on the second attempt, then investigate and correct any problems. Re-extract and reanalyze the preparation batch.

If re-extraction of samples is not possible or the client requests the samples not be re-extracted, qualify data and explain in a NCM.

9.4 Matrix Spike and Spike Duplicate (MS/MSD)

One matrix spike (MS) sample and one matrix spike duplicate (MSD) sample are prepared and analyzed for each preparation batch. An MS sample is a field sample to which known amounts of the target analytes, as well as the surrogates, have been added. An MSD is a second aliquot of the same sample that is spiked the same as the MS. The MS/MSD spiking solution is described in Section 7.2.6. MS results are used to assess the effects of the sample matrix on the accuracy of the analytical system. The MSD results are used to assess the effects of the sample matrix on the precision of the analytical system. Given the expected variability in sample matrix, the MS/MSD results are applicable to only the sample used to prepare the MS and MSD. MS/MSD results should not be extrapolated to other samples without extensive investigation and characterization to demonstrate similarity between samples. The DoD QSM requires that the MS/MSD be prepared from samples from the same site.

Acceptance Criteria: The MS and MSD recoveries and the relative percent difference (RPD) between the MS and MSD results must be within the established control limits. Percent recovery control limits are set at ± 3 standard deviations around the historical mean of the LCS recovery data, unless otherwise dictated by the client or project. The RPD control limit is set at 3 standard deviations above the mean of the historical data.

NOTE: DOD QSM limits apply to projects performed under this program.

Corrective Actions: The information obtained from MS data are sample/matrix specific and are not normally used to determine the validity of the entire batch. If the MS and/or MSD recovery falls outside of the established control limits, the bracketing CCV and batch LCS recoveries must be within control limits in order to accept results for the associated samples. The following corrective actions are required for MS/MSD recovery failures to rule out lab error:

- Check calculation and instrument performance;
- Verify, if possible, that the MS and MSD were spiked correctly (e.g., very low or very high recoveries);
- Consider objective evidence of matrix interference (e.g., heterogeneous sample, interfering peaks seen

on chromatograms, or interference demonstrated by prior analyses);

- Flag the data for any results outside of acceptance limits.
- For any single RPD failure, check calculations; verify, if possible, that the MS and MSD were spiked correctly; check instrument performance; consider objective evidence of matrix interference or sample inhomogeneity; and flag the data.
- If both the parent sample and associated matrix spike results are over range the parent and the spikes shall be diluted by the same amount and the results from the reanalysis reported for both. If the analyte concentration in the parent sample is greater than four times the concentration of spike added, then spike recovery results are not compared to control limits, and the recovery is either reported as "NC" (not calculated) or with a qualifier flag to indicate that the spike was less than four times the analyte concentration in the sample. If the dilution will cause the spike to be less than two times the reporting limit, the MS/MSD do not need to be diluted and the recovery reported as "NC" (not calculated).
- For MS/MSD that serve as batch QC, if the parent sample result is within the calibration range and the MS/MSD results are above the calibration range, the results are reported with the MS/MSD result being flagged as an over-range measurement (e.g., the E-flag qualifier).
- If the MS/MSD are client requested, the parent sample result is within calibration range and the MS/MSD results are above the calibration range, the sample and spike should be diluted, keeping in mind that we need to assess whether or not the dilution will best serve the client's needs. Consult with the PM as needed. Both the parent sample and MS/MSD samples must have the same dilution factor. Some EDDs do not accept data that are at different dilution factors.
- If the native analyte concentration in the MS/MSD sample exceeds 4 times the spike level for that analyte, the recovery data are reported as NC (i.e., not calculated) and the appropriate qualifier flags are added.

NOTE: See Denver Policy Memorandum P16-001 and Corporate Policy Memorandum CA-Q-QM-013 for more detail.

NOTE: Some client programs require reanalysis to confirm matrix interferences. Check special project requirements for this corrective action.

9.5 Internal Standards

The internal standards listed in Table III and described in Section 7.2.5 are spiked at the same level in all field sample extracts, QC sample extracts, instrument blanks, and calibration standards.

Acceptance Criteria: The peak area for each internal standard in each field sample and QC sample extract should be between 50% and 200% of the peak area for the same internal standard in the midlevel standard of the initial calibration.

Corrective Action: If the internal standard fails acceptance criteria, then perform the following corrective actions:

- Inspect system for malfunction and correct as needed.
- Reanalyze the affected samples.
- If the interference cannot be corrected for field samples, the earlier analysis is reported with discussion in an NCM.
- If QC samples have internal standard failures that are confirmed by re-analysis, the cause of the failures must be investigated.

9.6 Surrogate Compound Analysis

Surrogate compounds listed in Table II and described in Section 7.2.3 are added to all field and QC samples prior to extraction. Surrogate recoveries are used to assess individual sample matrix effects on sample preparation and analysis.

Acceptance Criteria: Surrogate recoveries must fall within established control limits. QC sample results are not acceptable unless the surrogate recoveries for those samples are in control.

Corrective Action: Corrective action must be considered for any surrogate failure and may depend on project-specific instructions. Lacking instructions to the contrary the following actions shall be taken:

- Evaluate sample chromatogram and other QC.

- If the surrogate(s) fail in the LCS and/or method blank, then re-prepare and reanalyze all associated samples. Samples may be excepted where the surrogate recovers high in the MB and the MB does not have detection above ½ of the RL. Likewise, if the surrogate is out of control in the LCS but the LCS compounds recover in control then the samples may be reportable but the program requirements must be checked to see if this is acceptable. In any case an NCM must be written to describe the situation.

- For surrogate failures in field samples, re-prepare and reanalyze the samples, unless matrix interference is evident from earlier analysis or from chromatograms in which case the samples are reported with an NCM.

9.7 Instrument QC

9.7.1 Instrument Optimization

9.7.1.1 The GC/MS system must be tuned to meet manufacturer's specifications, using a suitable calibration such as perfluorotri-n-butylamine (FC-43 or PFTBA). This is performed through the auto-tune feature in the software. The mass calibration and resolution of the GCMS system is then verified by the analysis of DFTPP prior to the analysis of any standards or samples. In some instances the laboratory will opt to omit the DFTPP. The DFTPP tune check is less useful for SIM analysis than it is for full scan analysis because the DFTPP analysis must necessarily be done in full scan mode. When this check is omitted, the FC-43 check will be performed daily.

9.7.1.2 The instrument is tuned for DFTPP (decafluorotriphenylphosphine), calibrated initially with a seven-point calibration curve, and verified each 12-hour shift that samples are to be run with one or more continuing calibration verification (CCV) standard(s).

9.7.2 Instrument Tuning

At the beginning of every 12-hour shift when analyses are to be performed, the GC/MS system must be checked to see if acceptable performance criteria (Table VI) are achieved for DFTPP.

9.7.2.1 Inject 1-2 µL of the 50 µg/mL GC/MS tuning standard (see Section 7.2.1) into the GC/MS system.

9.7.2.2 The mass spectrum of the DFTPP must be obtained in the following manner: three scans (the peak apex scan and the scans immediately preceding and following the apex) are

acquired and averaged. Background subtraction is also required, and must be accomplished using a single scan acquired no more than 20 scans prior to the elution of the DFTPP. Do not subtract part of the DFTPP peak. A procedure compliant with these requirements is programmed into a Macro used to evaluate the DFTPP spectrum. Confirm that all the key m/z criteria in Table VI are achieved.

9.7.2.3 If all the criteria are not achieved, the analyst must adjust or retune the mass spectrometer and repeat the test until all criteria are achieved. The performance criteria must be achieved before any samples, blanks, or standards are analyzed.

9.7.3 Initial Calibration (ICAL)

9.7.3.1 A new calibration curve must be generated initially, after major changes to the system, or when continuing calibration criteria cannot be met. Major changes include installation of new columns and source maintenance.

9.7.3.2 A minimum five-point initial calibration curve must be established for linear fit calibrations (weighted or unweighted). Six points or more are required for second order curve fits. See Section 9.7.4 for Calibration Acceptance Criteria.

- The concentrations of standards commonly used to construct the PAH calibration curve are 20, 50, 100, 500 (often analyzed before the rest of the standards and called the ICIS), 1000, 2500, and 5000 ng/mL.

9.7.3.3 If the concentration of any target compound in a sample exceeds the calibration range, the extract must be diluted with methylene chloride so that the concentrations of all target compounds fall within the range of the calibration curve, and be reanalyzed. Any samples analyzed immediately following the sample that exceeded the linear range may require reanalysis due to possible carryover from the high-level sample.

9.7.3.4 Generally, it is NOT acceptable to remove points from a calibration for the purposes of meeting calibration criteria, unless the points are the highest or lowest on the curve AND the reporting limit and/or the linear range is supported or adjusted accordingly. The only exception is that a level may be removed from the calibration if the reason can be clearly documented, for example a broken vial. A minimum of five levels must remain in the calibration. The documentation must be retained with the initial calibration.

Alternatively, if the analyst believes that a point on the curve is inaccurate, the point may be reanalyzed and the reanalysis used for the calibration. All initial calibration points must be analyzed without any changes to instrument conditions, and all points must be analyzed within 12 hours.

9.7.3.5 Calculate the response factor (RF) for each analyte for each calibration standard level as described in Section 11.3. Calculate the mean RF and relative standard deviation (RSD) for each analyte.

9.7.4 Calibration Acceptance Criteria and Corrective Action:

Acceptance Criteria 8270C:

The RSD of the initial calibration for each analyte of interest must be ≤ 35%.

Acceptance Criteria 8270D:

Refer to Table VII for the acceptance criteria for minimum response factor and RSD. Two target compounds and surrogates may fail to meet the minimum RRF criteria listed in Table VII but must still meet the minimum RRF criteria of 0.010 (excluding compounds with a minimum RRF requirement of 0.010). In addition, two target compounds and surrogates may fail to meet the RSD criteria listed in Table VII but must still meet the maximum RSD requirement of 40% (excluding compounds with a maximum RSD requirement of 40%). Refer to SOP DV-QA-024P QA/QC Requirements for Federal Programs for requirements for federal programs.

Acceptance Criteria for DoD:

For DoD QSM specific criteria see SOP DV-QA-024P *QA/QC Requirements for Federal Programs.*

Corrective Actions:

If these criteria cannot be met, least-squares weighted or unweighted linear regression may be used to establish a calibration function as described in Section 11.4. In this case, the correlation coefficient (r) must be greater than 0.995 (equivalent to $r^2 \geq 0.99$). If these linearity criteria are not achieved, verify the standard preparation and instrument conditions, and then recalibrate the instrument. If technical acceptance criteria are not met, it may be necessary to clean the ion source, perform injector maintenance, change the column, or take other corrective actions.

Note: All target analytes and surrogates must pass the minimum RF criteria per the method, and percent error or relative standard error (RSE) checks must be performed with each ICAL per EPA 8000D requirement for SC DHEC compliance samples.

9.7.5 In the event that a least-squares regression is used, the analyst should evaluate the bias at the lower portion of the curve. This can be accomplished by re-fitting the low point standard back into the curve. The recalculated concentration should be within ± 50% of the standard's true concentration. If these criteria are not met, the analyst may have to evaluate the concentration range of the standards, or the lower limit of quantitation.

9.8 Initial Calibration Verification (ICV)

The Initial Calibration Verification (ICV) is a second-source, mid-level standard that is analyzed immediately following the initial calibration standards.

Acceptance Criteria: The absolute value of the difference between the measured PAH analyte concentration and the true value must be ≤ 25 %. For DoD QSM specific criteria see SOP DV-QA-024P *QA/QC Requirements for Federal Programs*.

Corrective Action: If the ICV recovery fails, then take the following actions:

- Verify standard preparation, and if incorrect, re-prepare the ICV standard solution.
- If preparation of the ICV standard was correct, then re-prepare the initial calibration standards and recalibrate.

9.9 Continuing Calibration Verification (CCV)

Every 12 hours, the mass spectrometer response for each PAH relative to the internal standard is determined by analyzing a 500 ng/mL calibration standard. The RF for each compound in the continuing calibration verification (CCV) analysis is compared to the RF for that compound in the ICAL.

9.9.1 Acceptance Criteria 8270C

The absolute value of the difference between the CCV RF for each PAH analyte and the corresponding ICAL value must be ≤ 25 %.

9.9.2 Acceptance Criteria 8270D/E

The absolute value of the difference between the CCV RF for each PAH analyte and the corresponding ICAL value must meet the criteria in Table VII. The compounds must also meet the minimum response factor criteria listed in Table VII. Two target compounds and surrogates may fail to meet the minimum RRF criteria in Table VII (excluding compounds with a minimum RRF requirement of 0.010) but must still meet the minimum RRF criteria of 0.010. In addition, two target compounds and surrogates may fail to meet the difference criteria in Table VII (excluding compounds with a maximum percent difference requirement of ± 40%) but must still meet the maximum difference requirement of ± 40%. Refer to SOP DV-

QA-024P QA/QC *Requirements for Federal Program* for requirements for federal programs.

9.9.3 Acceptance Criteria for DoD QSM

For DoD QSM specific criteria see SOP DV-QA-024P *QA/QC Requirements for Federal Programs.*

9.9.4 Acceptance Criteria 8270C & 8270D

9.9.4.1 The internal standard response of the CCV must be within 50 - 200% of the internal standard response in the mid-level (ICIS) of the most recent ICAL sequence.

9.9.4.2 The internal standard retention time must be within ± 30 seconds of the internal standard retention time in the corresponding level of the most recent ICAL sequence.

9.9.5 Corrective Action:

9.9.5.1 If, for any analyte, the CCV RF does not meet the stipulated acceptance criteria, a five-point calibration curve must be repeated for that analyte prior to the analysis of samples.

9.9.5.2 If any internal standard retention time in the CCV changes by more than 30 seconds from that of the corresponding level of the most recent ICAL sequence, the chromatographic system must be inspected for malfunctions and corrections made, as required.

9.10 Closing CCV (DoD QSM only) (CCVC)

DoD QSM 5.0 and subsequent versions requires a closing CCV, injected within 12 hours of the DFTPP injection. See SOP DV-QA-024P QA/QC *Requirements for Federal Programs* for specific criteria.

9.10.1 Acceptance Criteria

All reported analytes and surrogates must be within ± 50%.

9.10.2 Corrective Action

Recalibrate and reanalyze all affected samples since the last acceptable CCV

Or

Immediately analyze two additional consecutive CCVs. If both pass, samples may be reported without reanalysis. If either fails perform column maintenance and recalibrate; then reanalyze all affected samples sine the last acceptable CCV.

10.0 Procedure

10.1 One-time procedural variations are allowed only if deemed necessary in the professional judgment of supervision to accommodate variation in sample matrix, radioactivity, chemistry, sample size, or other parameters. Any variation in procedure shall be completely documented using an NCM. The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. The NCM shall be filed in the project file and addressed in the case narrative.

10.2 Any deviations from this procedure identified after the work has been completed must be documented in an NCM, with a cause and corrective action described.

10.3 Sample Preparation

10.3.1 Aqueous Sample Extraction and Concentration

10.3.1.1 Instructions for the extraction of aqueous samples may be found in SOP DV-OP-0006 *Extraction of Aqueous Samples by Separatory Funnel*.

10.3.1.2 Instructions for the concentration of extracts may be found in SOP DV-OP-0007 *Concentration and Clean-up of Organic Extracts*.

10.3.2 Soil Sample Extraction and Concentration

10.3.2.1 Instructions for the ultrasonic extraction of soil samples may be found in SOP DV-OP-0016 *Ultrasonic Extraction of Solid Samples*.

10.3.2.2 Instructions for the microwave extraction of soil samples may be found in SOP DV-OP-0015 *Microwave Extraction of Solid Samples*.

10.3.2.3 Instructions for the concentration of extracts may be found in SOP DV-OP-0007 *Concentration and Clean-up of Organic Extracts*.

10.4 Sample Analysis

10.4.1 All aliquotting, extract dilutions, and spike additions must be performed in the trace fume hood using equipment dedicated to PAH-SIM analysis. An aliquot of 250 µL of each sample extract is placed into a two-milliliter GC/MS autosampler vial. Sufficient volume of extract remains should reanalysis be necessary.

10.4.2 Prior to analysis, 25 µL of internal standard is added to the sample vial giving a final internal standard concentration of 400 ng/mL

Representative aliquots are injected into the gas chromatograph/mass spectrometer using similar conditions to those summarized in Table I. The injection volume is 1 or 2 µL.

10.4.3 Whenever an unusually concentrated sample is encountered, it may be necessary to reanalyze the subsequent sample extracts after analyzing an instrument blank to demonstrate that there is no cross contamination.

10.4.4 The following is a typical analytical sequence:

- Solvent rinses, as needed
- MS tune
- ICAL plus ICV or CCV
- Instrument blank
- MB, LCS
- LCSD (if requested by client)
- Sample extracts
- MS and MSD are interspersed with sample extracts, and usually run after the sample from which they are produced.
- The last sample extract must be injected within 12 hours of the tune.

10.4.5 The sequence may be altered to accommodate reanalysis or additional instrument blank and calibration evaluations. At a minimum, an instrument blank or a method blank shall be included in the sequence. Refer to Policy DV-QA-003P *Quality Control Program* for additional details.

10.4.6 The effluent from the GC capillary column is fed directly into the ion source of the mass spectrometer. The MS is operated in the selected ion monitoring (SIM) mode using appropriate windows to include the quantitation and confirmation masses for each analyte as shown in Table IV.

10.4.7 All compounds detected at concentrations above the method MDL are checked to ensure that the confirmation ion is present at the appropriate ratio.

10.4.8 All compounds detected at concentrations above the highest calibration standard require dilution and reanalysis. In addition, any samples that were analyzed immediately following a high-level sample should be reanalyzed to rule out carryover from the high-level sample, unless they are preceded by an acceptable instrument blank or the high compound(s) were not detected in the subsequent samples.

10.4.9 Manual Integrations

10.4.9.1 Upon completion of the analytical sequence, transfer the raw instrument data to Chrom for further processing. Review the chromatograms to ensure correct assigning of peaks and correct integration of each peak.

10.4.9.2 Note that certain compounds (e.g., benzo(b)fluoranthene and benzo(k)fluoranthene) may require frequent manual integrations. Special attention must be exercised by the analyst and secondary reviewer for compounds that are commonly mis-integrated in automated software or are manually integrated. If manual data manipulations are necessary, they must be justified and documented. See DV-QA-011P *Acceptable Manual Integration Practices*.

10.5 Troubleshooting and Maintenance

10.5.1 Daily Instrument Maintenance

In addition to the checks listed in Appendix II, the following daily maintenance should be performed.

- Clip column as necessary.
- Install new or cleaned injection port liner as necessary.
- Install new septum as necessary.
- Install new or cleaned gold seal and washer as necessary.
- Perform mass calibration as necessary.

10.5.2 Major Maintenance

A new initial calibration is necessary following certain maintenance procedures. These maintenance procedures include changing the column, cleaning the repeller, cleaning the source, replacing the multiplier, and replacing the “topboard” or RF-related electronics. Refer to the manufacturer's manual for specific guidance.

11.0 <u>Calculations / Data Reduction</u>

11.1 Qualitative Identification

Obtain electronic ion current profiles (EICP) for the primary mass ion and the confirmatory ion for detected compounds. The following criteria must be met to make a qualitative identification:

11.1.1 The characteristic masses of each parameter of interest must maximize in the same or within one scan of each other.

11.1.2 The retention time (RT) of unknown peaks must fall within ± 0.2 minutes of the RT for the compound in the daily calibration standard (mid-point ICAL or daily CCV).

11.1.3 The relative peak areas of the primary ion compared to the confirmation or secondary ion masses in the EICPs must fall within ± 20% of the relative intensities of these masses in a reference mass spectrum. The reference mass spectrum can be obtained from a standard analyzed in the GC/MS system or from a reference library. A compound that does

not meet secondary ion confirmation criteria may still be determined to be present in a sample after close inspection of the data by the mass spectroscopist. Supportive information includes correct relative retention time (RRT) and the presence of the secondary ion, but the ratio falls outside of ± 20% of the primary ion, which may be caused by an interference of the secondary ion.

11.1.4 Structural isomers that have very similar mass spectra and less than a 30-second difference in retention time can be explicitly identified only if the resolution between authentic isomers in a standard mix is acceptable. Acceptable resolution is achieved if there is a definitive inflection between the two peaks, according to the analyst's judgment. Otherwise, structural isomers are identified as isomeric pairs.

11.2 Detailed information regarding calibration models and calculations can be found in Corporate SOP CA-Q-P-003 Calibration Curves and the Selection of Calibration Points and the public folder, *Arizona Calibration Training*.

11.3 Average Response Factor Calibration

The following formula is used to calculate the response factor for each analyte of interest relative to the applicable internal standard for each of the calibration standards:

$$RF = \frac{A_s \times C_{is}}{A_{is} \times C_s}$$

Where:

A_s	=	Area of the characteristic ion for the target analyte in the calibration standard
A_{is}	=	Area of the characteristic ion for the internal standard
C_{is}	=	Concentration of the internal standard, (ng/mL)
C_s	=	Concentration of the target analyte in the calibration standard (ng/mL)

The calibration uses the average response factor for each target analyte, which is calculated as follows:

$$\text{average (mean) RF} = \overline{RF} = \frac{\sum_{i=1}^{n} RF_i}{n}$$

Where:

RF_i	=	Response factor for the ith calibration level
n	=	Number of calibration levels

The standard deviation for the mean RF for each target analyte is calculated as follows:

$$SD = \sqrt{\frac{\sum_{i=1}^{n}\left(RF_i - \overline{RF}\right)^2}{n-1}}$$

The relative standard deviation (RSD) for the average response factor for each target analyte is calculated as follows:

$$RSD = \frac{SD}{\overline{RF}} \times 100\%$$

The concentration of each target analyte in the sample extract is calculated using the average response factor that was calculated in the equation above as follows:

$$C_e = \frac{A_e \times C_{is}}{A_{is} \times \overline{RF}}$$

Where:

C_e	=	Concentration of target analyte in the sample extract, ng/mL
A_e	=	Area of the characteristic ion for the target analyte in the sample extract.
A_{is}	=	Area of the characteristic ion for the internal standard
C_{is}	=	Concentration of the internal standard, (ng/mL)
$\overline{RF}$	=	Average response factor for the target analyte as determined by calibration

11.4 Linear Least-Squares Regression Calibration (Unweighted)

A linear least-squares regression is performed using the concentration of the target analyte in the calibration standard as the independent variable (x) and the instrument response as the dependent variable (y). The regression produces the slope and intercept terms for a linear equation in the following form:

$$y = mx + b$$

Where:

y	=	instrument response (e.g., peak area)
x	=	concentration of target analyte in calibration standard
m	=	slope of the line
b	=	intercept of the line

For the internal standard calibration, the regression equation is rewritten as follows:

$$\frac{A_s C_{is}}{A_{is}} = mC_s + b$$

Where:

A_s	=	Area of the characteristic ion for the target analyte in the calibration standard

A_{is}	=	Area of the characteristic ion for the internal standard
C_s	=	Concentration of the target analyte in the calibration standard, (ng/mL)
C_{is}	=	Concentration of the internal standard, (ng/mL)
m	=	slope of the line
b	=	intercept of the line

The concentration in an unknown extract is then calculated by rearranging the calibration equation as follows:

$$C_e = \frac{\left[\frac{A_s C_{is}}{A_{is}} - b\right]}{m}$$

Where C_e is the concentration of the target analyte in the sample extract, and A_e is the area of the characteristic ion for the target analyte in the sample extract.

The actual sample concentration (C) for each compound is calculated as follows:

$$C = C_e \times \left(\frac{V_e}{V_o}\right) \times DF$$

Where:

C	=	Concentration of the target analyte in the original sample, ng/L (water sample) or ng/kg (solid sample)
C_e	=	Concentration of the target analyte in the sample extract, ng/mL
V_e	=	Final extract volume, mL.
V_o	=	The original volume or weight of the sample that was extracted, in L (aqueous sample) or kg (solid sample).
DF	=	Dilution factor, if appropriate.

11.5 Additional Regression Calibration Models

As needed, weighted linear least-squares or second order regressions may be utilized for this analysis. See Corporate SOP CA-Q-P-003 *Calibration Curves and the Selection of Calibration Points* and the public folder, *Arizona Calibration Training*, for calculations and further explanations.

11.6 A second-level technical review of the organic data is performed prior to data reporting. This review is performed by a peer or supervisor using the guidelines and checklists detailed in SOP DV-QA-0020 *Data Review*.

12.0 Method Performance

12.1 Method Detection Limit Study (MDL)

The method detection limit (MDL) is the lowest concentration that can be detected for a given analytical method and sample matrix with 99% confidence that the analyte is present. The MDL is determined according to the laboratory's MDL policy in CA-Q-

S-006 Detection and Quantitation Limits. MDLs reflect a calculated (statistical) value determined under ideal laboratory conditions in a clean matrix, and may not be achievable in all environmental matrices. The laboratory maintains MDL studies for analyses performed; these are verified at least annually unless method or program requirements require a greater frequency.

12.2 Demonstration of Capabilities

All personnel are required to perform an initial demonstration of proficiency (IDOC) on the instrument they will be using for analysis prior to testing samples. On-going proficiency must be demonstrated annually. IDOCs and on-going proficiency demonstrations are conducted as follows.

12.2.1 Four aliquots of the QC check sample are analyzed using the same procedures used to analyze samples, including sample preparation. The concentration of the QC check sample should be equivalent to a mid-level calibration.

12.2.2 Calculate the average recovery and standard deviation of the recovery for each analyte of interest.

12.2.3 If any analyte does not meet the acceptance criteria, the test must be repeated. Only those analytes that did not meet criteria in the first test need to be evaluated. TNI 2009 requires consecutive passing results. Repeated failure for any analyte indicates the need for the laboratory to evaluate the analytical procedure and take corrective action.

12.2.4 Until the IDOC is approved by the QA Manager (or designee); the trainer and trainee must be identified in the batch record.

12.2.5 Further details concerning demonstrations of proficiency are described in SOP DV-QA-0024 *Training*.

12.3 Training Requirements

The Group Leader is responsible for ensuring that this procedure is performed by an associate who has been properly trained in its use and has the required experience. A new analyst must be working under documented supervision prior to approval of the IDOC. Documentation that a new analyst is performing under supervision must be entered into the batch record (View Batch Information) until that analyst's IDOC has been approved by the QA Manager (or designee). See requirements for demonstration of analyst proficiency in SOP DV-QA-0024 *Training*.

12.4 Retention Time Study

12.4.1 Expected absolute retention times (RTs) are initially determined by analyzing all target analytes in the open-scan mode. Example RTs are listed in Table V.

12.4.2 Relative retention times (RRTs) are then calculated for samples in each analytical run based on the RTs found in the continuing calibration verification standard (CCV).

12.4.3 RTs are re-established after any significant instrument maintenance, including source cleaning and changing columns, or whenever compounds are not adequately detected in CCVs or LCSs.

13.0 Pollution Control

Standards and reagents are prepared in volumes consistent with laboratory use to minimize the volume of expired standards and reagents requiring disposal.

14.0 Waste Management

14.1 All waste will be disposed of in accordance with Federal, State, and local regulations. Where reasonably feasible, technological changes have been implemented to minimize the potential for pollution of the environment. Employees will abide by this procedure, the policies in Section 13, *Waste Management and Pollution Prevention*, of the Environmental Health and Safety Manual, and DV-HS-001P Waste Management Plan.

14.2 The following waste streams are produced when this method is carried out:

14.2.1 Expired Chemicals/Reagents/Standards – Contact Waste Coordinator

14.2.2 Methylene chloride solvent rinse waste – Waste Stream B

14.2.3 Expired extract vial waste – Waste Stream A

14.2.4 Radioactive and potentially radioactive waste must be segregated from non-radioactive and mixed waste as appropriate. Contact the Radioactive Waste Coordinator for proper management of radioactive or potentially radioactive waste generated by this procedure.

15.0 References / Cross-References

15.1 Test Methods for Evaluating Soil Waste Physical/Chemical Methods (SW-846), Third Edition, September 1986, Final update I, July 1992, Final Update IIA, August 1993, Final Update II, September 1994; Final update IIB, January 1995; Final Update III, December 1996, Final Update IV January 2008.

15.1.1 Method 8000B, Determinative Chromatographic Separations, Revision 2, December 1996.

15.1.2 Method 8000C, Determinative Chromatographic Separations, Revision 2, February 2007.

15.1.3 Method 8000D, Determinative Chromatographic Separations, Revision 5, March 2018.

15.1.4 Method 8270C, Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS), Revision 3, December 1996.

15.1.5 Method 8270D, Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS), Revision 4, February 2007.

15.1.6 Method 8270E, Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS), Revision 6, June 2018.

15.1.7 Method 3510C, Separatory funnel Liquid-Liquid Extraction, Revision 3, December 1996.

15.1.8 Method 3520C, Continuous Liquid-Liquid Extraction, Revision 3, December 1996.

15.1.9 Method 3550B, Ultrasonic Extraction, Revision 2, December 1996.

15.1.10 Method 3546, Microwave Extraction, Revision 0, February 2006.

15.2 CLP Statement of work for Multi-Media, Multi-Concentration Organics Analysis, SOM01.2. June 2007.

16.0 Method Modifications

16.1 The CLP SOW referenced in 8270D does not require the analysis of DFTPP prior to the analysis of samples. The method relies on the successful analysis of calibration standards to verify acceptable function of the mass spectrometer. EETA Denver utilizes the DFTPP check to identify any operational issues with the mass spectrometer prior to the analysis of the calibration standards. This allows the analyst to identify possible problems independent of the GC. As a result, the laboratory will start the 12 hour clock with the injection of the DFTPP, not the calibration standard as required in the method.

16.2 Method 8270C serves as the basis for this SOP, but the method has been modified extensively for low-level analysis using selected ion monitoring (SIM) and optimizing instrument conditions for the low-level analysis. Consequently the sensitivity of the method has been enhanced and it is not uncommon to detect low-level contamination in the method blank at levels well below the limits of detection for the less sensitive GC/MS method. For example, Method 8270C states that the RSD of the initial and continuing calibration must be less than or equal to 15% and 20% respectively. Due to the low-level nature of the analysis, this SIM procedure allows both of these criteria to be less than or equal to 25% for the daily CCV.

16.3 Method 8270C stipulates qualitative identification based on relative retention time (RRT), which is calculated by dividing the retention time (RT) of the target analyte by the RT of the internal standard. The RRT of the suspected target analyte in the sample extract must be within ± 0.06 RRT units of the RRT for that analyte in the calibration standard. This SOP stipulates qualitative identification based on an absolute RT. Namely the RT of the suspected target analyte in the sample extract

must be within ± 0.2 minute of the RT for that analyte in the calibration standard. Additionally, the RT for the internal standard in the sample extract must also be within ± 0.2 minute of the RT for the internal standard in the calibration standard. The criteria used in this SOP are more restrictive than those imposed by the referenced method. For the earliest eluting compounds, the RT for the internal standard is typically 8 minutes. The earliest eluting target analyte must be at a RRT of at least 0.8, which translates to a RT of 6.4 minutes. Assuming a worst-case scenario where the RT of the internal standard is 0.2 minute higher (i.e., 8.2 minutes) and the RT of the target analyte is 0.2 minute lower (i.e., 6.2 minutes), the calculated RRT is 0.76. The total deviation from the expected RRT is 0.04 RRT units, which is smaller than what is allowed by Method 8270C.

17.0 Attachments

Table I:	Routine Instrument Operating Conditions
Table II:	Surrogates for Standard List Analysis
Table III:	Internal Standards for Standard List Analysis
Table IV:	PAH Compounds and Example Ions Used for Analysis
Table V:	Example Retention Times, IS and Surrogate Associations
Table VI:	DFTPP Key Ions and Ion Abundance Criteria for 8270C and 8270D/E
Table VII:	8270D Relative Response Factor Criteria for Initial and Continuing Calibration
Appendix I:	Extended List PAHs
Appendix II:	Suggested Instrument Maintenance Schedule – Mass Spectrometer & Gas Chromatograph
Appendix III:	Example Mass Spectrometer Settings for Single Ion Monitoring

18.0 Revision History

This section has been added beginning with Revision 0. Only details of the last two revisions are incorporated into this SOP. Prior revisions are documented in the QA files and available upon request.

- Revision 19: 28 July 2023
  - Section 7.2 updated stock standard and calibration information
  - Sections 9, 10 and Table I updated injection volume references
  - Various minor grammatical fixes

- Revision 18: 06 March 2023
  - Annual Review
  - Updated copyright information.
  - Updated instrument list in Section 6.1.1
  - Updated ICAL/CCV concentrations in Section 7.2
  - Updated Table VII to accurately reflect lab practice
  - Section 3.5 added explanation for R.V.E.
  - Section 7.2.3 updated concentration.
  - Section 9.7.3.2 removed reference for LVI, updated curve calibration.
  - Section 9.9 updated amount and removed reference to LVI.
  - Section 9.9.2 removed NOTE.
  - Section 16.2 updated reference for % CCV.
  - Appendix I updated table.

Table I: Routine Instrument Operating Conditions

GC Conditions[1]	
Inlet	Split or Pulsed Split at 275 °C Split ratio - 3.1 : 1 Split Flow – 10.4 mL / min
Capillary Column	Varian Vf-5MS, 30 m length, 0.25 mm ID, 0.5 µm film
Column Mode	Constant flow, 3.4 mL/min
Temperature Program	Initial temp = 55 °C 30 °C/min ramp to 256 °C 4 °C/min ramp to 296 °C 30 °C/min ramp to 340 °C and hold for at least 1 minute past the elution time of the last compound.
Run Time	About 20 minutes with a new column.
Carrier Gas	Helium Purge flow = 25.0 mL/min, 3.00 min Total flow ≈ 31 mL/min
Injection Volume	Injection volume will be 1.0 µL or 2.0 µL depending on the instrument. 1.0 and 2.0 µL injection uses Standard Method Calibration standards (Section 7.2.2)
Transfer Line	290 °C
Mass Spectrometer Conditions[1,2]	
MS Source	230 °C
MS Quadrupole	200 °C
Dwell Time per Ion	Ranges from 30 to 100 milliseconds
Ions	See following tables

[1] The conditions listed above are subject to final fine adjustments to maximize instrument sensitivity. Changes to the above conditions are acceptable as long as method criteria are met.

[2] Examples of the mass assignments in each window along with start and dwell times are given in Appendix III. Changes to these assignments are acceptable as long as method criteria are met.

Table II: Surrogates for Standard List Analysis

PAH Surrogates	Mass Ion	Confirmation Ion
Nitrobenzene-d_5	82	128
2-Fluorobiphenyl	172	171
Terphenyl-d_{14}	244	122

Table III: Internal Standards for Standard List Analysis

Compound	Mass Ion	Confirmation Ion
Acenaphthene-d_{10}	164	162
Phenanthrene-d_{10}	188	94
Chrysene-d_{12}	240	120

Table IV: PAH Compounds and Example Ions Used for Analysis

Compound	Mass Ion	Confirmation Ions
Acenaphthene	153	152, 154
Acenaphthylene	152	151, 153
Anthracene	178	179,176
Benzo(a)anthracene	228	226, 229
Benzo(a)pyrene	252	253, 125
Benzo(b)fluoranthene	252	253, 125
Benzo(g,h,i)perylene	276	138, 277
Benzo(k)fluoranthene	252	253, 125
Chrysene	228	226, 229
Dibenzo(a,h)anthracene	278	139, 279
Dibenzofuran	168	139, 84
Fluoranthene	202	101, 203
Fluorene	166	165, 167
Indeno(1,2,3,cd)pyrene	276	138, 277
1-Methylnaphthalene	142	141, 115
2-Methylnaphthalene	142	141, 115
Naphthalene	128	129, 127
Phenanthrene	178	179, 176
Pyrene	202	101, 200
Morpholine	57	87

Table V: Example Retention Times, IS and Surrogate Associations

Compound	RT[1] (min.)	IS #	Surrogate #
Morpholine	4.001	1	1
Naphthalene	5.921	1	1
2-Methylnaphthalene	6.595	1	1
1-Methylnaphthalene	6.700	1	1
Acenaphthylene	7.512	1	2
Acenaphthene	7.686	1	2
Dibenzofuran	7.861	1	2
Fluorene	8.210	1	2
Phenanthrene	9.194	2	2
Anthracene	9.255	2	2
Fluoranthene	10.768	2	2
Pyrene	11.166	2	2
Benzo(a)anthracene	13.827	3	3
Chrysene	13.924	3	3
Benzo(b)fluoranthene	17.004	3	3
Benzo(k)fluoranthene	17.089	3	3
Benzo(a)pyrene	18.034	3	3
Indeno(1,2,3,cd)pyrene	21.509	3	3
Dibenz(a,h)anthracene	21.583	3	3
Benzo(g,h,i)perylene	22.306	3	3
Acenaphthene-d_{10} (IS)	7.657	1	-
Phenanthrene-d_{10} (IS)	9.177	2	-
Chrysene-d_{12} (IS)	13.856	3	-
Nitrobenzene-d_5 (Surr)	5.201	1	1
2-Fluorobiphenyl (Surr)	6.945	1	2
Terphenyl-d_{14} (Surr)	11.38	2	3

[1]Retention times may vary depending upon chromatographic conditions.

Table VI: DFTPP Key Ions and Ion Abundance Criteria
8270C

Mass	Ion Abundance Criteria
51	30 - 60% of mass 198
68	< 2% of mass 69
69	Mass 69 relative abundance
70	< 2% of mass 69
127	40 - 60% of mass 198
197	< 1% of mass 198
198	Base peak, 100% relative abundance
199	5 - 9% of mass ion 198
275	10 - 30% of mass 198
365	> 1% of mass 198
441	Present, but less than mass 443
442	40 - 100% of mass 198
443	17 - 23% of mass 442

With the exception of mass 442, the tune criteria for SW846 method 8270D are less stringent for the criteria required in SW846 method 8270C. For 8270D, the 442 mass must be greater than 50% of mass 198 to meet the tune criteria. By using the 8270C criteria, the rest of the data will be within the 8270D criteria.

Table VII: 8270D/E Relative Response Factor Criteria for Initial and Continuing Calibration

Compound	Minimum RRF	Maximum %RSD	Maximum %Diff
Acenaphthene	0.900	20	25
Acenaphthylene	0.900	20	25
Anthracene	0.700	20	25
Benzo(a)anthracene	0.800	20	25
Benzo(a)pyrene	0.700	20	25
Benzo(b)fluoranthene	0.700	20	25
Benzo(g,h,i)perylene	0.500	20	25
Benzo(k)fluoranthene	0.700	20	25
Chrysene	0.700	20	25
Dibenzo(a,h)anthracene	0.400	20	25
Dibenzofuran	0.800	20	25
Fluoranthene	0.600	20	25
Fluorene	0.900	20	25
Indeno(1,2,3,cd)pyrene	0.500	20	25
1-Methylnaphthalene	0.400	20	25
2-Methylnaphthalene	0.400	20	25
Naphthalene	0.700	20	25
Phenanthrene	0.700	20	25
Pyrene	0.600	20	25

Note: Limits for QSM projects must meet criteria defined in QSM SOP. South Carolina compliance projects must pass the %D criteria for SC DHEC (20%).

Appendix I: Extended List PAH Analysis by GC/MS

Summary of Method

This is the extended list for the SIM analysis that some clients require. All of the compounds listed in this appendix are analyzed for in addition to the standard compounds discussed throughout this SOP.

Modifications from the SIM analysis are as follows:

- The DFTPP tune has tailing factors that are calculated for Pentachlorophenol and Benzidine and a DDT breakdown check is performed.
- The instrument is calibrated at eight concentration levels. The calibration levels are made by diluting two stock standards with concentrations of 20 µg/mL [PAHXSIM stock (#1)] and 2 µg/mL [PAHXSIM 2º stock (#2)] down to the concentrations listed below, in methylene chloride. All phthalate compounds and 2-methylnaphthalene are at a ratio of 2:1 in the stock standards. Therefore, if the concentration is 0.02 µg/mL for the target analytes, the phthalates are at 0.04 µg/mL.

Level (µg/mL)	Stock ID	Stock Amt (µL)	Solvent amount (µL)	IS amount (µL)	Final Volume (µL)
0.02 µg/mL	#2	5	495	50	500
0.05 µg/mL	#2	12.5	487.5	50	500
0.1 µg/mL	#2	25	475	50	500
0.5 µg/mL	#1	12.5	487.5	50	500
1.0 µg/mL	#1	25	475	50	500
2.5 µg/mL	#1	62.5	437.5	50	500
5.0 µg/mL	#1	125	375	50	500
10.0 µg/mL	#1	250	250	50	500

Response factors for each compound must be ≤ 20% RSD. If any compound is > 20% RSD, must use the best curve fit.

Initial Calibration Verification

- The second source calibration stock is also at 20 µg/mL (PAHSIM SSV stock).
- The second source verification (SSV or ICV) is analyzed at 1.0 µg/mL.
- The acceptance criterion for the ICV is ± 25%D.

Continuing Calibration Verification

- The CCV is run at 0.5 µg/mL
- The criterion: The Average %D for all compounds must be < 20 %D, with no single compound exceeding 30 %D.

Sample extraction: See DV-OP-0006 *Extraction of Aqueous Samples by Separatory Funnel* (aqueous), DV-OP-0015 *Ultrasonic Extraction of Solid Samples* (soil), and DV-OP-0016 *Microwave Extraction of Solid Samples* (soil).

Sample concentration: See DV-OP-0007 *Concentration and Clean-up of Organic Extracts*.

Sample analysis:

- Internal Standard final concentration is 6 µg/mL in standards and extracts. The stock is at 400 µg/mL
- For the MS/MSD, the recovery for the spike pair must be within the control limits stored in TALS. The MS/MSD pair is generally aliquotted and run two times on the instrument, to confirm the results. If the results to be reported are from the first analysis, it is not required that the second analysis be within the 12 hour tune clock.

Instrument Configuration:

The GCMS instrumentation is configured the same as in the SIM analysis.

Extended List Compounds, Reporting Limits and Ions Used for Analysis:

Compound	Water Reporting Limit (ng/L)	Soil Reporting Limit (µg/kg)	Mass Ion	Confirmation Ion
1,4-Dioxane	NA	20	88	58
N-Nitrosodiphenylamine	1,000	20	169	168
N-Nitrosodimethylamine	400	18	74	42
N-Nitrosodiethylamine (LVI)	100	--	102	44
N-Nitrosodi-n-propylamine (LVI)	100	--	70	42
Butyl Benzyl Phthalate	1,000	20	149	91
Dimethyl Phthalate	1,000	20	163	164
Diethyl Phthalate	1,000	20	149	177
Bis(2-Ethylhexyl) Phthalate	1,000	20	149	167
Di-n-octyl Phthalate	1,000	20	149	150
Di-n-butyl Phthalate	1,000	20	149	150

Extended List Compounds Example Retention Times, IS and Surrogate Associations:

Compound	RT[1] (min.)	IS #	Surrogate #
1,4-Dioxane	1.60	1	2
N-Nitrosodiphenylamine	6.75	2	2
N-Nitrosodimethylamine	2.16	1	2
N-Nitrosodiethylamine (LVI)	2.72	1	1
N-Nitrosodi-n-propylamine (LVI)	3.69	1	1
Butyl Benzyl Phthalate	10.33	2	2
Dimethyl Phthalate	5.92	1	2
Diethyl Phthalate	6.51	1	2
Bis(2-Ethylhexyl) Phthalate	11.67	2	2
Di-n-octyl Phthalate	13.69	3	2
Di-n-butyl Phthalate	7.95	2	2
Acenaphthene-d_{10} (IS)	7.657	1	-
Phenanthrene-d_{10} (IS)	9.177	2	-
Chrysene-d_{12} (IS)	13.856	3	-
Nitrobenzene-d_5 (Surr)	5.201	1	1
2-Fluorobiphenyl (Surr)	6.945	1	2
Terphenyl-d_{14} (Surr)	11.38	2	3

[1]Retention times may vary depending upon chromatographic conditions.

APPENDIX II

Instrument Maintenance Schedules
Mass Spectrometer & Gas Chromatograph

MASS SPECTROMETER Instrument Maintenance Schedule				
Daily	**Weekly**	**As Needed**	**Quarterly**	**Annually**
Check for sufficient gas supply. Check for correct column flow and/or inlet pressure.	Check mass calibration (PFTBA or FC-43).	Check level of oil in mechanical pumps and diffusion pump if vacuum is insufficient. Add oil if needed between service contract maintenance.	Check vacuum, relays, gas pressures, and flows.	Replace the exhaust filters on the mechanical rough pump every 1 to 2 years.
Check temperatures of injector, detector. Verify temperature programs.		Replace electron multiplier when the tuning voltage approaches the maximum and/or when sensitivity falls below required levels.		Change the oil in the mechanical rough pump.
Check inlets, septa.		Clean source, including all ceramics and lenses. Source cleaning is indicated by a variety of symptoms, including inability of the analyst to tune the instrument to specifications, poor response, and high background contamination.		Relubricate the turbomolecular pump-bearing wick.
Check baseline level.		Repair/replace jet separator.		
Check values of lens voltages, electron multiplier, and relative abundance and mass assignments of the calibration compounds.		Replace filaments when both filaments burn out or performance indicates the need for replacement.		

APPENDIX II (continued)

Instrument Maintenance Schedules
Mass Spectrometer & Gas Chromatograph

GAS CHROMATOGRAPH Instrument Maintenance Schedule (For GC/MS only.)	
Daily	***As Needed***
Check for sufficient supply of carrier and detector gases. Check for correct column flow and/or inlet pressures.	Replace front portion of column packing or guard column or break off front portion of capillary columns. Replace column if this fails to restore column performance or when column performance indicates it is required (e.g., peak tailing, poor resolution, high backgrounds, etc.).
Check temperatures of injectors and detectors. Verify temperature programs.	Change glass wool plug in injection port and/or replace injection port liner when front portion of column packing is changed or front portion of capillary column is removed.
Check inlets, septa. Clean injector port.	Replace septa.
Check baseline level.	Perform gas purity check (if high baseline indicates that impure carrier gas may be in use).
Inspect chromatogram to verify symmetrical peak shape and adequate resolution between closely eluting peaks.	Repair or replace flow controller if constant gas flow cannot be maintained.
	Reactivate flow controller filter dryers when the presence of moisture is suspected.
	Autosampler: Replace syringe, fill wash bottle, dispose of waste bottle contents.

APPENDIX III
Example Mass Spectrometer Settings for Single Ion Monitoring

Group ID	Group Start Time[1] (min)	Analyte	Masses	Dwell Times
1	1.45	N-Nitrosodimethylamine	74, 42	50, 50
		1,4-Dioxane	88, 58	50, 50
		Morpholine[2]	57, 87	50, 50
		N-Nitrosodiethylamine (LVI)[3]	102, 44	50, 50
2	2.60	Nitrobenzene-d_5	82, 128	50, 50
		Naphthalene	128, 129, 127	50, 50
		N-Nitrosodiethylamine (LVI)[3]	102, 44	50, 50
		N-Nitrosodi-n-propylamine (LVI)	70, 42	50, 50
3	4.79	2-Fluorobiphenyl	172, 171	50, 50
		2-Methylnaphthalene	142, 141, 115	50, 50
		1-Methylnaphthalene	142, 141, 115	50, 50
4	5.46	Dimethyl Phthalate	163, 164	50, 50
		Acenaphthene- d_5	164, 162	50, 50
		Acenaphthene	153, 152, 154	50, 50
		Acenaphthylene	152, 151, 153	50, 50
		Dibenzofuran[4]	168, 139, 84	50, 50
5	6.06	Diethyl Phthalate	149, 177	50, 50
		N-Nitrosodiphenylamine	169, 168	50, 50
		Fluorene	166, 165, 167	50, 50
		Dibenzofuran[4]	168, 139, 84	50, 50
6	6.78	Phenanthrene-d_{10}	188, 94	50, 50
		Phenanthrene	178, 179, 176	50, 50
		Di-n-butyl Phthalate	149, 150	50, 50
		Anthracene	178, 179, 176	50, 50
7	8.05	Butyl Benzyl Phthalate	149, 91	50, 50
		Terphenyl-d_{14}	244, 122	50, 50
		Fluoranthene	202, 101, 203	50, 50
		Pyrene	202, 101, 200	50, 50
8	10.48	Chrysene- d_{12}	240, 120	50, 100
		Bis(2-Ethylhexyl) Phthalate	149, 167	100, 100
		Chrysene	228, 226, 229	50, 50
		Benzo(a)anthracene	228, 226, 229	50, 50
9	12.33	Di-n-octyl Phthalate	149, 150	50, 50
		Benzo(a)pyrene	252, 253, 125	50, 50
		Benzo(b)fluoranthene	252, 253, 125	50, 50
		Benzo(k)fluoranthene	252, 253, 125	50, 50
10	16.48	Dibenzo(a,h)anthracene	278, 139, 279	50, 50
		Indeno(1,2,3-cd)pyrene	276, 138, 277	50, 50
		Benzo(g,h,i)perylene	276, 138, 277	50, 50

[1]Group start times may vary due to chromatographic conditions.
[2]Morpholine method detection limit verifications not kept current. Laboratory does not stock standards.
[3]N-Nitrosodiethylamine (LVI) elutes between windows 1 and 2 and was therefore included in both.
[4]Dibenzofuran elutes between windows 4 and 5 and was therefore included in both.

Title: Determination of Volatile Organics by GC/MS [8260B/C/D and 624/624.1]

Approvals (Signature/Date):

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1.0 Scope and Application

1.1 This method is applicable to the determination of volatile organic compounds (VOCs) in water, wastewater, soils, sludges, and other solid matrices. Standard analytes are listed in Table 1. Additional analytes that can be determined by this SOP are listed in Tables 2, 3 and 4.

1.2 This SOP is applicable to Method 8260B/C/D, which is appropriate for compliance testing under RCRA regulations and Method 624/624.1 (CWA compliance testing). It is important that the procedural differences described in this document for these methods are carefully observed.

1.3 This method can be used to quantify most volatile organic compounds that have boiling points below 200 °C and are insoluble or slightly soluble in water. Volatile water-soluble compounds can be included in this analytical technique; however, for more soluble compounds, quantitation limits are approximately ten times higher because of poor purging efficiency.

1.4 The method is based upon a purge-and-trap, gas chromatograph/mass spectrometric (GC/MS) procedure. The approximate working range is 0.5 to 200 µg/L for 8260B/C/D waters, 1.0 to 200 µg/kg for low-level soils, and 200 to 30,000 µg/kg for medium-level soils. The working range for Method 624/624.1 (5 mL purge) is 1.0-200 µg/L.

1.5 Reporting limits for Method 8260B/C/D are listed in Tables 1, 2, and 3. Reporting limits for Method 624/624.1 are given in Table A1. Reporting limits for soil samples prepared by the AK methanol technique are listed in Table Bp-1.

1.6 Method performance is monitored through the use of surrogate compounds, matrix spike/matrix spike duplicates (MS/MSD), and laboratory control spike samples (LCS).

2.0 Summary of Method

2.1 Volatile compounds are introduced into the gas chromatograph by the purge and trap method. The components are separated via the gas chromatograph and detected using a mass spectrometer, which is used to provide both qualitative and quantitative information.

2.2 Aqueous samples are purged directly. Generally, soils are preserved by extracting the volatile compounds into methanol. If especially low detection limits are required, soil samples may be preserved in water (with or without sodium bisulfate) and purged directly.

2.3 In the purge-and-trap process, an inert gas is bubbled through the solution at ambient temperature or at 40 °C (40 °C is required for low-level soils), and the volatile components are efficiently transferred from the aqueous phase to the vapor phase. The vapor is swept through a sorbent column where the volatile components are trapped. After purging is completed, the sorbent column (trap) is heated and back flushed with inert gas to desorb the components onto a gas chromatographic column. The gas chromatographic column is then heated to elute the components, which are detected with a mass spectrometer.

2.4 Qualitative identifications are confirmed by analyzing standards under the same conditions used for samples and comparing the resultant mass spectra and GC retention times. Each identified component is quantified by relating the MS response for an appropriate selected ion

produced by that compound to the MS response for another ion produced by an internal standard.

2.5 Unless otherwise noted all requirements are for both 8260B, 8260C, 8260D and 624/624.1.

3.0 Definitions

3.1 **Contaminated glassware:** Glassware that may have come into contact with samples and/or chemical standard and that have not been cleaned using this procedure.

3.2 **Uncontaminated glassware:** Glassware that has not come into contact with samples, chemical standards, or is otherwise believed to be uncontaminated.

NOTE: Newly purchased glassware is not necessarily clean. The manufacturing process can contaminate glassware with high molecular weight organic constituents that can be extracted by organic solvents. New glassware should be thoroughly Methanol rinsed prior to use for analytical applications.

3.3 Calibration Check Compound (CCC)

CCCs are a representative group of compounds that are used to evaluate initial calibrations and continuing calibrations. Relative percent difference for the initial calibration and percent drift for the continuing calibration response factors are calculated and compared to the specified method criteria.

3.4 System Performance Check Compounds (SPCC)

SPCCs are compounds that are sensitive to system performance problems and are used to evaluate system performance and sensitivity. A response factor from the continuing calibration is calculated for the SPCC compounds and compared to the specified method criteria.

3.5 Initial Calibration Verification (ICV)

The ICV is a second-source calibration verification standard. In this SOP, the LCS and the MS/MSD spikes are NOT prepared from second-source standards for method 8260B/C/D.

3.6 Continuing Calibration Verification (CCV)

A solution of method analytes, surrogate compounds, and internal standards used to evaluate the performance of the instrument system with respect to a defined set of method criteria.

3.7 Lower Limit of Quantitation (LLOQ)

The lowest concentration at which the laboratory has demonstrated target analytes can be reliably measured and reported with a certain degree of confidence, which must be $\geq$ the lowest point in the calibration curve. The LLOQ is equivalent to the standard reporting limit. The required LLOQ verification is performed at a concentration of 1-2 times the LLOQ (or RL).

3.8 Other Quality Terms

The quality control terms used in this procedure are consistent with SW-846 terminology. Definitions are provided in the glossary of the Eurofins Denver Quality Assurance Manual (QAM) and in SOP DV-QA-003P *Quality Control Program*.

4.0 Interferences

4.1 Method interferences may be caused by contaminants in solvents, reagents, glassware, and other processing apparatus that lead to discrete artifacts. All of these materials must be routinely demonstrated to be free from interferences under conditions of the analysis by running laboratory method blanks as described in the Quality Control section. The use of ultra high purity gases, pre-purged purified reagent water, and approved lots of purge-and-trap-grade methanol will greatly reduce introduction of contaminants. In extreme cases, the purging vessels may be pre-purged to isolate the instrument from laboratory air contaminated by solvents used in other parts of the laboratory.

4.2 It is imperative that all glassware used in the laboratory be free of contaminants and potential interferences before starting and analysis or extraction process. Many problems encountered in the laboratory can be traced to improperly cleaned glassware and can be avoided by following the proper cleaning procedures.

4.3 Samples can be contaminated by diffusion of volatile organics (particularly methylene chloride and fluorocarbons) into the sample through the septum seal during shipment and storage. A field blank prepared from reagent water and carried through the sampling and handling protocol can serve as a check on such contamination.

4.4 Matrix interferences may be caused by non-target contaminants that are co-extracted from the sample. The extent of matrix interferences will vary considerably from source to source depending upon the nature and diversity of the site being sampled.

4.5 Cross-contamination can occur whenever high-level and low-level samples are analyzed sequentially or in the same purge position on an auto sampler. Whenever an unusually concentrated sample is analyzed, it should be followed by one or more blanks to check for cross-contamination. The purge and trap system may require extensive bake-out and cleaning after a high-level sample.

4.6 Some samples may foam when purged due to surfactants present in the sample. When this kind of sample is encountered, an antifoaming agent (e.g., J.T. Baker's Antifoam B silicone emulsion) can be used. A blank spiked with this agent must be analyzed with the sample.

4.7 Interferences are observed with the surrogate Toluene-d_8 when the samples appear to be treated with potassium permanganate.

5.0 Safety

5.1 Employees must abide by the policies and procedures in the Environmental Health and Safety Manual, Radiation Safety Manual and this document.

5.2 This procedure may involve hazardous material, operations and equipment. This SOP does not purport to address all of the safety problems associated with its use. It is the responsibility

of the user of the method to follow appropriate safety, waste disposal and health practices under the assumption that all samples and reagents are potentially hazardous. Safety glasses, nitrile gloves, lab coats and closed-toe, nonabsorbent shoes are a minimum.

5.3 Specific Safety Concerns or Requirements

5.3.1 The gas chromatograph and mass spectrometer contain zones that have elevated temperatures. The analyst needs to be aware of the locations of those zones, and must cool them to room temperature prior to working on them.

5.3.2 The mass spectrometer is under deep vacuum. The mass spectrometer must be brought to atmospheric pressure prior to working on the source.

5.3.3 There are areas of high voltage in both the gas chromatograph and the mass spectrometer. Depending on the type of work involved, either turn the power to the instrument off, or disconnect it from its source of power.

5.3.4 Inspect all glassware before use and remove from service any glassware that is chipped or broken.

5.4 Primary Materials Used

The following is a list of the materials used in this method, which have a serious or significant hazard rating. **Note: This list does not include all materials used in the method. The table contains a summary of the primary hazards listed in the SDS for each of the materials listed in the table.** A complete list of materials used in the method can be found in the reagents and materials section. Employees must review the information in the SDS for each material before using it for the first time or when there are major changes to the SDS.

Material (1)	Hazards	Exposure Limit (2)	Signs and symptoms of exposure
Methanol	Flammable Poison Irritant	200 ppm (TWA)	A slight irritant to the mucous membranes. Toxic effects exerted upon nervous system, particularly the optic nerve. Symptoms of overexposure may include headache, drowsiness, and dizziness. Methyl alcohol is a defatting agent and may cause skin to become dry and cracked. Skin absorption can occur; symptoms may parallel inhalation exposure. Irritant to the eyes.

(1) Always add acid to water to prevent violent reactions.
(2) Exposure limit refers to the OSHA regulatory exposure limit.

6.0 Equipment and Supplies

6.1 Instrumentation

6.1.1 Purge and Trap Device: The purge and trap device consists of the sample purge vessel, the trap, and the desorber.

6.1.2 Sample Purge Vessel: The recommended purging chamber is designed to accept between 5 mL and 25 mL samples with a water column at least 3 cm deep. The purge gas must pass through the water column as finely divided bubbles, each with a diameter of less than 3 mm at the origin. The purge gas must be introduced no more than 5 mm from the base of the water column. Alternative sample purge devices may be used provided equivalent performance is demonstrated. Low level and medium level soils are purged directly via heated purge from a VOA vial into the trap.

6.1.3 Trap: A variety of traps may be used, depending on the target analytes required. The Vocarb 3000 (K Trap Supelco) is recommended. Other traps such as O.I. #10 (Tenax / Silica gel / Carbon Molecular Sieve), EST Proprietary E10, or Vocarb 4000 may be used if the Quality Control criteria are met.

6.1.4 Desorber: The desorber should be capable of rapidly heating the trap up to 250 °C depending on the trap packing material. Many such devices are commercially available.

6.1.5 Sample Heater: A heater capable of maintaining the purge device at 40 °C is necessary for low level soil analysis. For soil sample analysis, the manufacturer's recommended setting are used and the pre-purge sample heat time is set at 0.5 minutes.

6.1.6 Purge-and-trap and Auto sampler: An auto sampler capable of sampling from a sealed vial. An EST Centurion coupled with an EST Evolution purge and Trap or a Varian Archon coupled with an OI purge and trap are most commonly used. Other models and manufacturers can also be used provided they meet the specifications in this section.

6.1.7 Gas Chromatograph: The gas chromatograph (GC) system must be capable of temperature programming.

6.1.8 Gas Chromatographic Columns: Capillary columns are used. Some typical columns are listed below:

6.1.8.1 Column 1: 30 m X 0.25 ID Rxi-624Sil MS with 1.4 um film thickness. This is the most common one used.

6.1.8.2 Column 2: 60 m X 0.25 ID DB-624 with 1.4 µm film thickness.

6.1.8.3 Column 3: 75 m X 0.53 ID DB-624/624.1 wide bore with 3 µm film thickness.

6.1.9 Mass Spectrometer: The mass spectrometer must be capable of scanning 35-300 amu every two seconds or less, using 70 volts electron energy in the electron impact mode and capable of producing a mass spectrum that meets the required criteria when 50 ng of 4-bromofluorobenzene (BFB) on column are injected onto the gas chromatograph inlet.

6.1.10 GC/MS interface: Any interface (including direct introduction to the mass spectrometer) that achieves all acceptance criteria may be used.

6.1.11 Data System: A computer system that allows the continuous acquisition and storage on machine-readable media of all mass spectra obtained throughout the duration of the chromatographic program. The computer must have software that allows searching any GC/MS data file for ions of a specified mass and plotting such ion abundances versus time or scan number. This type of plot is defined as an Extracted Ion Current Profile (EICP). Software must also be available that allows integrating the abundances in any EICP between the specified time or scan-number limits. In addition, for the non-target compounds, software must be available that allows for the comparison of sample spectra against reference library spectra. The most recent release of the NIST/EPA mass spectral library should be used as the reference library. The computer system must also be capable of backing up data for long-term off-line storage.

6.2 Computer Software and Hardware

Please refer to the master list of documents, software and hardware located on R:\QA\Read\Master List of Documents\Master List of Documents, Software and Hardware.xls (or current revision) for the current software and hardware to be used for data processing.

6.3 Supplies

6.3.1 Microsyringes: 10 µL and larger, 0.006-inch ID needle.

6.3.2 Syringe: 5 or 25 mL glass with Luerlok tip, if applicable to the purging device.

6.3.3 Balance: Analytical balance capable of accurately weighing 0.0001 g, and a top-loading balance capable of weighing 0.1 g

6.3.4 Vials: 2 mL, 20 mL, and 40 mL with screw caps and Teflon liners

6.3.5 Disposable magnetic stirrers for low-level soil analyses

6.3.6 Volumetric flasks: 10 mL, 50mL and 100 mL, class A with ground-glass stoppers.

6.3.7 Spatula: Disposable wooden tongue depressors.

6.3.8 Disposable pipettes: Pasteur.

6.3.9 pH paper: Wide range.

6.3.10 Gases:

6.3.10.1 Helium: Ultra high purity, grade 5, 99.999% (carrier gas).

6.3.10.2 Compressed nitrogen: Used for instrument pneumatics and sample purge.

7.0 Reagents and Standards

Reagent grade chemicals shall be used in all tests. Unless otherwise indicated, it is intended that all reagents shall conform to the specifications of the Committee on Analytical Reagents of the American Chemical Society, where such specifications are available. Other grades may be used, provided it is first ascertained that the reagent is of sufficiently high purity to permit its use without lessening the accuracy of the determination.

7.1 Methanol: Purge and Trap Grade, High Purity

7.2 Reagent Water: High purity water that meets the requirements for a method blank when analyzed. (See Section 9.4.) Reagent water may be purchased as commercial distilled water and prepared by purging with an inert gas overnight. Other methods of preparing reagent water are acceptable including boiling reagent water followed by Nitrogen gas purging.

7.3 Sand: Reagent grade Ottawa sand or equivalent.

7.4 Antifoam B, Silicon Emulsion, J. T. Baker, 100% purity.

7.5 Sodium bisulfate ($NaHSO_4$), reagent grade

7.6 If stock or secondary dilution standards are purchased in sealed ampoules they may be used up to the manufacturers' expiration date.

7.7 Calibration Stock Standard Solutions

Stock solutions may be purchased as certified solutions from commercial sources or prepared from pure standard materials as appropriate. These standards are prepared in methanol and stored in Teflon-sealed screw-cap bottles with minimal headspace at -10 to -20 °C. Stock standards must be monitored frequently and replaced within one month after opening or sooner depending on the manufacturer's expiration date. Secondary working standards for gases and 2-Chloroethylvinyl ether must be replaced within one week after opening. Secondary standards other than gases must be replaced after one month unless they can be recertified per SOP DV-QA-0015 *Verification and Storage of Chemical Standards and Reagents*.

7.8 Calibration Working standards

A working solution containing the compounds of interest prepared from the stock solution(s) in methanol. These standards are stored in the freezer or as recommended by the manufacturer. Working standards are monitored by comparison to the initial calibration curve. If any of the calibration check compounds drift in response from the initial calibration by more than 20%, then corrective action may be necessary. This may include steps such as instrument maintenance, preparing a new calibration verification standard or tuning the instrument. If the corrective actions do not correct the problem then a new initial calibration must be performed.

7.9 Aqueous calibration standards are prepared in reagent water using the secondary dilution standards. Standards such as continuing calibration verification standards (CCV) and closing calibration verification standards (CCVC) are to be prepared daily.

7.10 Internal standards (IS) are added to all samples, standards, and blank analyses either by the auto sampler or manually by an analyst. The most common method is addition by the auto sampler. Refer to Tables 8 and 8A for internal standard components.

7.11 Surrogate Standards: Refer to Tables 9 and 9A for surrogate standard components and spiking levels.

7.12 Laboratory Control Sample Spiking Solutions: The same set of standards or sources used for the calibration that contain the Main_A, Gas/Ket_A, 2-Cleve and supplementary compounds are used for the LCS spike for the 8260/624.1 methods. LCS spiking solutions for 624/624.1 in this SOP are from the same source as the calibration standards. Only the initial verification (ICV) must be from a second source. Compounds not included in these standards can be spiked with lab pre-approval. See TALS Reagent Module for these standards for complete list of target analytes.

7.13 Matrix Spiking Solutions: The matrix spike is prepared with the same standards and contains the same components as the LCS for the 8260 and 624/624.1 methods. 624/624.1 must be spiked with a second source.

7.14 Tuning Standard: The IS/SURR standard used by the auto sampler is used and will deliver 5-50 ng of BFB on column upon injection. Introduction of BFB into the column is performed by the Purge and Trap system.

8.0 Sample Collection, Preservation, Shipment and Storage

8.1 Water samples

8.1.1 Water samples are collected in triplicate in 40 mL glass VOA vials with PTFE-lined septum caps with minimal headspace. There should be no bubbles present in the container larger than ~6 mm.

8.1.1.1 Analysts will select the VOA vial without visible and measurable headspace for analysis if possible. If all vials contain headspace then the VOA vials with the smallest headspace/bubbles will be chosen for analysis. Any VOA vials analysed with headspace (headspace >6mm) will be documented in an NCM.

8.1.2 Preservation depends upon the target analytes and the sampling location. At a minimum, aqueous samples are stored refrigerated at ≤ 6 ºC and not frozen. Specific preservation requirements are given in the following table. If multiple analytes are requested, it may be necessary to provide aliquots with different preservations. For each preservation technique, the samples should be collected in triplicate.

8.1.3 SW-846 states that if carbonaceous materials are present, or if MTBE and other fuel oxygenate ethers are present and a high temperature sample preparative method is to be used, do not acid preserve the samples. The holding time for these unpreserved samples is 7 days. SW-846 does not otherwise provide guidance for processing unpreserved samples. EPA MICE has interpreted the holding time on an unpreserved sample as 7 days.

Preservation and Holding Time for Volatiles in Water

Analyte(s)	Reference	Preservation	Holding time	Dechlorination Required[1]
Routine target analytes[2]	SW-846, Ch. 4	Cool, ≤6ºC, pH < 2 with 1:1 HCl	14 days	Y
	SW-846, Ch. 4	Cool, ≤6ºC	7 days	Y
	624/624.1	Cool, ≤6ºC, pH < 2 with 1:1 HCl	14 days	Y
	624/624.1	Cool, ≤6ºC	7 days	Y
Acrolein[3]	SW-846, Ch. 4	Cool, ≤6ºC, pH 4-5	7 days	N
	SW-846, Ch. 4	Cool, ≤6ºC, pH <2 with 1:1 HCl	14 days	N
	40 CFR Part 136 (624/624.1)	Cool, ≤6ºC (no HCl)	3 days	Y
	40 CFR Part 136 (624/624.1)	Cool, ≤6ºC, pH 4-5	14 days	Y
Acrylonitrile[3]	SW-846, Ch. 4	Cool, ≤6ºC, pH 4-5	7 days	N
	SW-846, Ch. 4	Cool, ≤6ºC, pH <2 with 1:1 HCl	14 days	N
	40 CFR Part 136 (624/624.1)	Cool, ≤6ºC (no HCl)	14 days	Y
	40 CFR Part 136 (624/624.1)	Cool, ≤6ºC, pH 4-5	14 days	Y
2-Chloroethylvinyl ether (2-CLEVE)[4]	SW-846, Ch. 4	Cool, ≤6ºC (no HCl)	7 days	Y
	624/624.1	Cool, ≤6ºC (no HCl)	14 days	Y

[1] Dechlorination compounds are not added by the volatiles lab. *Never add acid preservative directly to a dechlorinating agent prior to sample collection.*
[2] Separate aliquots must be collected and preserved as indicated if acrolein, acrylonitrile, 2-CLEVE (by Methods 8260B/C/D or 624/624.1) are also to be analyzed. If aromatic and biologically active compounds are analytes of interest, acid preservation is necessary.
[3] SW-846 only recommends a 7 day holding time for acrolein and acrylonitrile preserved to pH 4-5. As this preservation is difficult to achieve with HCl, the laboratory recommends unpreserved aliquots with a seven day holding time. If preserved aliquots are collected, holding time is 14 days.
[4] 2-Chloroethylvinyl ether (2-Cleve) is totally degraded in acid. Analysis is not possible in acid preserved samples for this compound.

According to 40 CFR Part 136, the preferred method for acrolein and acrylonitrile is Method 603. In the Method Update Rule published in the Federal Register on May 18, 2012 (40 CFR Parts 136) EPA approved Method 624/624.1 for the determination of acrolein and acrylonitrile in wastewater. The current sample preservation and holding time requirements for acrolein and acrylonitrile apply to these compounds when analyzed by Method 624/624.1. Implementation of this rule is subject to individual state program decisions and timetables.

8.2 Soil Samples

8.2.1 Sampling Techniques and Containers

8.2.1.1 Soil samples can be taken using the EnCore™ sampler. Typically three Encores are collected per sampling location. At specific client request, unpreserved soil samples may be accepted for preservation at the lab.

8.2.1.2 The more common way to collect soils is with Terra Core kits. Typically three aliquots are collected. Terra Core kits consist of the Terra Core sampling device and three 40 mL tared VOA vials. Samples are extruded into empty tared vials and preserved at the laboratory or are extruded into pre-preserved, tared vials in the field and transported to the laboratory for analysis.

8.2.2 An additional bottle of unpreserved soil for each sampling location must be shipped for percent moisture determination.

8.2.3 A second bottle of unpreserved soil is sent for screening.

8.2.4 Unpreserved Soils

8.2.4.1 At specific client request unpreserved soils packed into glass jars or brass tubes may be accepted and sub sampled in the laboratory. This is the old procedure based on Method 5030A. It is no longer included in subsequent revisions of Method 5030 and is likely to generate results that are biased low, possibly by more than an order of magnitude.

8.2.4.2 The maximum holding time is 14 days from sampling until the sample is analyzed.

8.3 Trip blanks, consisting of laboratory prepared water samples with acid preservative, are also provided when bottles are supplied by the laboratory to the field. Trip blanks are used for both water and soil samples to monitor potential contamination from volatile compounds in transit and in the field.

8.4 A holding blank is stored in each refrigerator with the samples. This is analyzed every 14 days (see SOP DV-QA-0013 *Volatile Organic Compound Monitoring*).

8.5 Preservation and holding times for volatiles in soils are summarized in the following table, based on SW-846 Method 5035A.

Preservation and Holding Time for Volatiles in Soil
Method 5035A

Sample Handling in Field	Preservation[1,2, 3]	Holding Time
Sample Extruded into Empty Vial in Field, sealed and shipped to Lab	Cool to ≤6°C or freeze on site to -7°C in field (do not freeze below -20°C), maintained cold in transit Upon receipt the laboratory must: a) Maintain the sample frozen or b) Add 5 mL water and freeze (-20°C to -7°C), or c) Add 5 mL water and 1 g $NaHSO_4$, store at ≤6°C or d) Add methanol, store at ≤6°C	48 hours from sampling to other preservation 14 days from sampling
Encore sampler used for transport	Cool to ≤6°C or freeze on site to -7°C in field (do not freeze below -20°C), maintained cold in transit Upon receipt at laboratory sample is extruded to a sealed vial and either frozen to <-7°C or chemically preserved (see above).	48 hours from sampling to other preservation 14 days from sampling
Field Preserved	Sample is extruded into a vial containing reagent water and frozen on –site to <-7°C	14 days
Field Preserved	Sample is extruded into a vial containing reagent water and cooled on –site to ≤6°C for 48 hours or less then frozen to <-7°C upon receipt at laboratory	14 days if samples frozen within 48 hours
Field Preserved	Sample is extruded into a vial containing reagent water and 1 g NaHSO4 and cooled to ≤6°C. Maintained ≤6°C upon receipt at laboratory.	14 days
Field Preserved	Sample is extruded into a vial containing methanol and cooled to ≤6°C. Maintained ≤6°C upon receipt at laboratory.	14 days

[1] If multiple aliquots of sample are provided a combination of preservation techniques may be used

[2] For biologically active soils, immediate chemical or freezing preservation is necessary due to the rapid loss of BTEX compounds within the first 48 hours of sample collection.

9.0 Quality Control

9.1 The minimum quality controls (QC), acceptance criteria, and corrective actions are described in this section. Use the LIMS Method Comments to determine specific QC requirements that apply when processing samples in the laboratory.

9.1.1 The laboratory's standard QC requirements, the process of establishing control limits, and the use of control charts are described more completely in Eurofins Denver policy DV-QA-003P, *Quality Assurance Program*.

9.1.2 Specific QC requirements for Federal programs, e.g., Department of Defense (DoD), Department of Energy (DOE), etc., are described in Eurofins Denver policy DV-QA-024P QA/QC *Requirements for Federal Programs*. This procedure meets all criteria for DoD QSM unless otherwise stated. Any deviation or exceptions from QSM requirements must have prior approval in the project requirements.

9.1.3 Project-specific requirements can override the requirements presented in this section when there is a written agreement between the laboratory and the client, and the source of those requirements should be described in the project documents. Project-specific requirements are communicated to the analyst via Method Comments in the LIMS and the Quality Assurance Summaries (QAS) in the public folders.

9.1.4 Any QC result that fails to meet control criteria must be documented in a Nonconformance Memo (NCM). The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. This is in addition to the corrective actions described in the following sections.

9.2 Proper cleaning of laboratory glassware is an essential element of contamination control and therefore an important element of the laboratory's quality control program. Proper cleaning of glassware is reflected in acceptable method blanks results.

9.2.1 Gastight syringes must be triple rinsed with Methanol and air dried.

9.2.2 Class A volumetric flasks must be triple rinsed before and after each use and air dried. **Note:** Do not bake or use wire brushes to clean Class A glassware.

9.3 Batch Definition

Batches are defined at the sample preparation stage. The batch is a set of up to 20 samples of the same matrix, plus required QC samples (method blank, lab control sample, and matrix spike/matrix spike duplicate), processed using the same procedures and reagents within the same time period. Batches should be kept together through the whole analytical process as far as possible, but it is not mandatory to analyze prepared extracts on the same instrument or in the same sequence. A method blank must be run on each instrument. See Policy DV-QA-003P *Quality Control Program* for further details.

9.4 Method Blanks

For each batch of samples, analyze a method blank. The method blank is analyzed after the calibration standards, normally before any samples. For low-level volatiles in water, the method blank consists of reagent water. For low-level volatiles in soil, the blank medium is 5g of Ottawa sand with 5mL of DI water. For medium-level volatiles in soil, the method blank consists of 100uL of clean methanol and 5mL of DI water to simulate sample matrices.

Acceptance Criteria: The method blank must not contain any analyte of interest at or above one-half the reporting limit (except common laboratory contaminants,

see below) or at or above 10% of the measured concentration of that analyte in the associated samples, whichever is higher.

For DOD QSM, common lab contaminants must not exceed the reporting limit.

The method blank must have acceptable surrogate recoveries. (See Section 9.5)

Note: Only use data associated with acceptable Calibration and QC data for 624/624.1 compliance samples.

Corrective Actions: If the analyte is a common laboratory contaminant (i.e., methylene chloride, acetone, 2-butanone, and carbon disulfide), the data may be reported with qualifiers if the concentration of the analyte is less than five times the reporting limit. Such action must be taken in consultation with the client.

Reanalysis of samples associated with an unacceptable method blank is required when reportable concentrations are determined in the associated samples.

If there is no target analyte greater than one-half the RL in the samples associated with an unacceptable method blank, the data may be reported with qualifiers. Such action should be taken in consultation with the client.

If surrogate recoveries in the blank are not acceptable, the data must be evaluated to determine if the method blank has served the purpose of demonstrating that the analysis is free of contamination. If surrogate recoveries are low and there are reportable analytes in the associated samples, re-extraction of the blank and affected samples will normally be required. Consultation with the client should take place.

If reanalysis of the batch is not possible due to limited sample volume or other constraints, the method blank is reported, all associated samples are flagged with a "B", and appropriate comments may be made in the narrative to provide further documentation.

9.5 Surrogates

Every sample, blank, and QC sample is spiked with surrogates. Surrogate recoveries in samples, blanks, and QC samples must be assessed to ensure that recoveries are within established limits. The compounds included in the surrogate spiking solutions are listed in Tables 8 and 8A.

For DoD QSM, special method codes in TALS include program specific QC limits for surrogates. If limits are not available in the appropriate QSM, in-house historical limits are to be used.

Acceptance Criteria: Acceptance limits for surrogate recoveries are set at ± 3 standard deviations around the historical mean. Surrogate recovery limits are updated annually and stored in the LIMS.

Note: Only use data associated with acceptable Calibration and QC data for 624/624.1 compliance samples.

Corrective Actions: If any surrogates are outside limits, the following corrective actions must take place (except for dilutions):

- Check all calculations for error.
- Ensure that instrument performance is acceptable.
- Recalculate the data and/or reanalyze if either of the above checks reveal a problem.
- Re-prepare and reanalyze the sample or flag the data as "Estimated Concentration" if neither of the above resolves the problem.

The decision to reanalyze or flag the data should be made in consultation with the client. It is necessary to re-prepare/reanalyze a sample only once to demonstrate that poor surrogate recovery is due to matrix effect, unless the analyst believes that the repeated out of control results are not due to matrix effect.

If the surrogates are out of control for the sample, matrix spike, and matrix spike duplicate, then matrix effect has been demonstrated for that sample and re-preparation/reanalysis is not necessary. If the sample is out of control and the MS and/or MSD is in control, then reanalysis or flagging of the data is required.

9.6 Laboratory Control Samples (LCS)

An LCS is analyzed for each batch. The LCS is analyzed after the continuing calibration verification standard, and normally before any samples. Alternately, the continuing calibration verification standard (CCV) can be duplicated and used as the LCS as the LCS sample must be prepared from the same source as the calibration standards for all methods referenced in this SOP in exactly the same way as the CCV. This is an updated requirement from the latest version "D" of 8260 and also a requirement in the "C" version of the method. See Section 7.12 for description of spiking solution. This is only applicable to aqueous samples as soil samples require an extraction procedure. For low-level volatiles in soil, the LCS medium is Ottawa sand preserved with DI water to which LCS spiking solution is added and direct purged as a low level soil sample. For medium level volatiles in soil, the LCS medium is a total of 100uL of methanol added to 5mL of DI water and subsequently spiked with LCS spiking solution.

NOTE: DoD and South Carolina require that all target compounds are spiked and reported. Specific reporting requirements for spiked compounds must be in the method comments for the job. Each project must be set up to include all spiked compounds to be reported. (NELAP requires that all targeted compounds be spiked across a two year period in the MS/MSD.)

Acceptance Criteria: The LCS recovery for the control analytes must be within established control limits. Unless otherwise specified in a reference method or project requirements, the control limits are set at ± 3 standard deviations around the mean of the historical data. An LCS that is determined to be within acceptance criteria effectively demonstrates that the analytical system is in control and validates system performance for the samples in the associated batch. Recovery limits are updated annually and stored in the LIMS. For DoD QSM, special method codes in TALS include program specific QC limits. If limits are not available in the appropriate QSM, in-house historical limits are to be used.

If there are a large number of analytes in the LCS, then a specified number of results may fall beyond the LCS control limit (3 standard deviations), but within the marginal exceedance (ME) limits, which are set at ± 4 standard deviations around the mean of historical data. Marginal exceedances are recognized and allowed by NELAP. DoD QSM allows marginal exceedances but excludes them from being applied to specified critical compounds of concern. Marginal exceedances must not be applied to an analyte specified by the project team as a compound of concern.

The number of marginal exceedances is based on the number of analytes in the LCS, as shown in the following table:

# of Analytes in LCS	# of Allowed Marginal Exceedances
> 90	5
71 – 90	4
51 – 70	3
31 – 50	2
11 – 30	1
< 11	0

If more analytes exceed the LCS control limits than is allowed, or if any analyte exceeds the ME limits, the LCS fails and corrective action is necessary. Marginal exceedances must be random. If the same analyte repeatedly fails the LCS control limits, it is an indication of a systematic problem. The source of the error must be identified and corrective action taken.

Note: Additional criteria are stated in the North Carolina QAS.

Note: Only use data associated with acceptable Calibration and QC data for 624/624.1 compliance samples.

Note: Some programs (e.g., South Carolina) do not allow marginal exceedances. Please see the QAS's in the public folders for the current requirements.

Note: DoD allows marginal exceedances except for critical compounds of concern. These must be specified in the communication of project requirements to the lab.

Corrective Actions: If any analyte or surrogate is outside established control limits as described above, the system is out of control and corrective action must occur. Corrective action will normally be re-preparation and reanalysis of the batch.

If the batch is not re-extracted and reanalyzed, the reasons for accepting the batch must be clearly presented in the project records and the report. Examples of acceptable reasons for not reanalyzing might be that the matrix spike and matrix spike duplicate are acceptable, and sample surrogate recoveries are good, demonstrating that the problem was confined to the LCS. This type of justification should be reviewed and documented with the client before reporting.

If samples are ND and LCS recovery for an analyte is out high, the sample may be reported with a qualifier, if acceptable to the client.

If re-extraction and reanalysis of the batch is not possible due to limited sample volume or other constraints, the LCS is reported, all associated samples are flagged, and appropriate comments are made in a narrative to provide further documentation.

9.7 Matrix Spike and Matrix Spike Duplicate (MS/MSD)

For each QC batch, analyze a matrix spike and matrix spike duplicate if volume is available. See Section 7.13 for description of spiking solution. The matrix spike/duplicate must be analyzed at the same dilution as the unspiked sample, even if the matrix spike compounds will be diluted out. If the parent sample requires a dilution for any parameter, the requested MS/MSD should also be analyzed at the same dilution as required by the parent sample.

NOTE: DoD and South Carolina require that all target compounds are spiked and reported. Specific reporting requirements for spiked compounds must be in the method comments for the job. Each project must be set up to include all spiked compounds to be reported. (NELAP requires that all targeted compounds be spiked across a two year period in the MS/MSD.)

Acceptance Criteria: The MS/MSD recovery for the control analytes must be within established control limits. Unless otherwise specified in a reference method or project requirements, the control limits are set at ± 3 standard deviations around the mean of the historical data. The relative percent difference (RPD) between the MS and the MSD must be less than the established RPD limit, which is based on statistical analysis of historical data. MS/MSD recovery and RPD limits are

updated annually and stored in the LIMS.

DoD QSM requires the RPD limit to be ≤ 20%. DoD MS/MSD recovery limits are the same as LCS limits. See Section 9.6.

Note: Only use data associated with acceptable Calibration and QC data for 624/624.1 compliance samples.

Corrective Action: The information obtained from MS data are sample/matrix specific and are not normally used to determine the validity of the entire batch. If the MS and/or MSD recovery falls outside of the established control limits, the bracketing CCV and batch LCS recoveries must be within control limits in order to accept results for the associated samples. The following corrective actions are required for MS/MSD recovery failures to rule out lab error:

- Check calculation and instrument performance;
- Verify, if possible, that the MS and MSD were spiked correctly (e.g., very low or very high recoveries);
- Consider objective evidence of matrix interference (e.g., heterogeneous sample, interfering peaks seen on chromatograms, or interference demonstrated by prior analyses);
- Flag the data for any results outside of acceptance limits and note it on the final report.
- For any single RPD failure, check calculations; verify, if possible, that the MS and MSD were spiked correctly; check instrument performance; consider objective evidence of matrix interference or sample inhomogeneity; and flag the data.

NOTE: Some client programs require reanalysis to confirm matrix interferences. Check special project requirements for this request.

NOTE: A sample duplicate is not performed as precision is obtained from either the MS/MSD or LCS/LCSD pair. Use of the MS/MSD precision is preferred as not all samples will contain measurable concentrations of target analytes. Any samples that have target analytes at such low levels do not provide useful precision data.

9.8 Acid Preservation or pH adjustment

According to the source methods, the stability of 2-Chloroethylvinyl ether, Acrolein and Acrylonitrile is reduced when subjected to low pH. It is therefore not recommended that these compounds be analyzed routinely from preserved VOA vials and since there is no reasonable way to achieve pH between 4 and 5, it is recommended that unpreserved vials be used for the analysis of these compounds.

Acceptance Criteria: To ensure detection of these compounds, samples must be processed correctly. Where Method 624/624.1 is being used for

compliance purposes, the regulatory hold times take precedence.

Corrective Actions: If 624/624.1 data are not being generated for compliance purposes, the technical stability of the compounds may be considered. Where method 8260 is the base method, it is allowable to qualify the results as estimated. To deviate from the regulatory hold times, the following documentation must be maintained:

- A NCM must be generated by the lab that the samples are for non-compliance.
- A NCM must be generated that results are not method compliant.
- A NCM must be generated if the samples are not analyzed from an unpreserved container.

10.0 Procedure

10.1 One-time procedural variations are allowed only if deemed necessary in the professional judgment of supervision to accommodate variation in sample matrix, radioactivity, chemistry, sample size or other parameters. Any variation in procedure shall be completely documented using an NCM. The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. The NCM shall be filed in the project file and addressed in the case narrative.

10.2 Any deviations from this procedure identified after the work has been completed must be documented in an NCM, with a cause and corrective action described.

10.3 Sample Preservation using EnCore™ Samplers.

10.3.1 Preservation in Methanol (Medium-Level Analysis)

10.3.1.1 Extrude the (nominal) 5 g sample from one of the Encore™ samplers into a tared 20 mL or 40mL VOA vial. Obtain the weight of the soil added to the vial and record it in the prep batch. Select the correct cell in prep batch worksheet and once the balance is stable hit the print key. The weight will automatically be recorded in the batch record. Quickly add 5 mL of methanol and cap the vial.

10.3.1.2 If sufficient samplers are provided (or for the sample(s) designated by the client), prepare MS and MSD samples as above.

10.3.1.3 A Method Blank is prepared by weighing approximately 5 g of baked Ottawa sand into a tared 20mL or 40-mLVOA vial. Add 5 mL of methanol to the blank. Cap tightly. Store with the samples.

10.3.1.4 Store the samples and QC samples in the freezer until screening is performed and analysis is performed. Surrogates and LCS/MS/MSD spikes are added at the time of analysis.

10.3.2 Preservation in Water (Low-Level Analysis)

10.3.2.1 Extrude the (nominal) 5 g sample from one of the Encore™ samplers into a tared 40 mL VOA vial. Obtain the weight of the soil added to the vial and record it in the prep batch. Select the correct cell in prep batch worksheet and once the balance is stable hit the print key. The weight will automatically be recorded in the batch record. Quickly add 5 mL of water and a magnetic stirrer. Cap the vial. Repeat for the remaining aliquot.

10.3.2.2 If sufficient samplers are provided for a sample in the batch, or for any samples identified by the client, prepare MS and MSD samples as above.

10.3.2.3 Prepare a method blank and LCS sample by weighing approximately 5 g of baked Ottawa sand for each into separate, tared 40 mL VOA vials. If analyzing an LCSD, repeat same procedure as the LCS. Add 5 mL of water to the MB and LCS/D. Add a magnetic stirrer. Cap tightly. Store with the samples.

10.3.2.4 After all of the samples in the prep batch have been weighed and preserved in water the status of the samples and QC in the prep batch will remain at “batched” status for backlog tracking purposes.

10.3.2.5 When the samples are loaded on the instrument for analyses then the analyst can change the status of the samples and QC to “2nd level” so that the prep method’s status will change from “Ready” to “2nd level” therefore changing the status of the analytical method from “wait” to “Ready”

10.3.2.6 Store the samples and QC samples in the freezer until screening is performed.

10.3.3 Screen the samples. (See Section 10.5.) If the screen indicates any samples will be analyzed as medium level, go to Section 0. If the screen indicates any samples will be analyzed as low level, go to Section 10.6.8.

10.4 Sample Storage for Field Preserved Samples

10.4.1 Obtain the weight of the soil added to each vial and record it in TALS. The samples will arrive with a tare weight (weight of vial, preservative and stir bar) and no other labels attached to it. The unlabeled vial is weighed and the difference between this weight and the tare weight is the weight of the sample used for analyses. For all Medium level soil analyses, the prep method code must have the methanol moisture correction in TALS enabled.

NOTE: Do not affix labels to unprepared/unweighed sample vial.

10.4.1.1 Prepare a method blank and LCS (and LCSD if needed) sample by adding 100uL of clean MeOH for each into tared VOA vials for each analysis method and adding 5mL of DI water.

10.4.1.1.1 For the medium level method blank, in a 40mL VOA vial add 100uL of methanol to 5mL of DI water. Store with the samples.

10.4.1.1.2 For the low level method in a 40ml VOA vial add water instead of methanol using the same volumes as in Section 10.4.1.1.1.

10.4.1.2 Store the samples and QC samples in the freezer until screening is performed. Surrogates and LCS/MS/MSD spikes are added at the time of analysis.

10.4.2 Screen the samples. (See Section 10.5) If the screen indicates any samples will be analyzed as medium level, go to Section 10.6.5. If the screen indicates any samples will be analyzed as low level, go to Section 10.6.8.

10.5 Sample Screening and Analysis

Where possible, samples are screened by headspace or GC/MS off-tune analysis to determine the correct aliquot for analysis. See WI-DV-0032 *Guidelines for Setting up Method Comments*. Alternatively, an appropriate aliquot can be determined from sample histories.

Sample Preparation for Medium-Level Analysis – Field or Lab Preserved

10.5.1 For each of the samples that are determined to be Medium-Level samples by the screening procedure, an appropriate aliquot of the methanol solution is injected into a 40mL VOA vial with 5mL of DI water and placed on the instrument for analysis. Surrogates and IS standards are added by the Centurion auto sampler at the time of analysis prior to purging. The maximum and default volume of methanol extract to add to the 5mL of DI water for each medium level sample is 100uL. For samples requiring higher dilutions, lower volumes of the sample's methanol extract are added to the 5 mL of DI water down to a minimum of 5uL. Dilutions requiring volumes lower than 5uL will need to be made serially in methanol and injected into 5mL of DI water. An MS/MSD may be prepared by adding the spiking solution along with the aliquot of sample to 5mL of DI water or alternately by adding the appropriate amount of methanol extract prepared in Section 10.3.1.2 plus the spiking solution in 5mL of DI water.

10.5.2 The Centurion auto sampler adds 50ug/L in solution of surrogates and IS standard to each sample purged. .

10.5.3 For each soil batch in which medium level samples are extracted, a MB is prepared by adding 100uL of Methanol to a 40mL vial and 5mL of DI water. The batch LCS/D is prepared with a total of 100uL of Methanol and 5mL of DI water plus the spike solution. The total methanol volume includes the addition of the compounds of interest from the same source as the calibration standards.

10.5.4 Shake the samples being extracted for medium level for two minutes to distribute the methanol throughout the soil.

10.5.5 Centrifuge the samples to clarify the extract and inject the appropriate volume (up to a maximum of 100uL) of each sample's extract into a clean 40mL VOA vial with 5mL of DI water and cap tightly. The samples are ready to go on the auto sampler for analysis.

10.6 Sample Analysis Procedure

10.6.1 All analysis conditions for samples must be the same as for the initial and continuing calibration standards (including purge volume, time and flow, desorb time and temperature, column temperatures, multiplier setting etc.).

10.6.2 All samples must be analyzed as part of a batch. The batch is a set of up to 20 samples of the same matrix processed using the same procedures and reagents within the same time period. The batch also must contain a method blank, an LCS, and a MS/MSD. If there is insufficient sample to perform an MS/MSD analysis, the batch must contain an LCSD to measure batch precision.

10.6.2.1 If there is insufficient time in the 12-hour 624/624.1 period to analyze 20 samples, the batch may be continued into the next tune period. The 12-hour tuning requirements in Section 10.6.13.4 and 12-hour continuing calibration requirements in 10.6.15 must still be met. However, if any re-tuning or recalibration of the instrument is necessary, or if a period of greater than 24 hours from the preceding BFB tune has passed, a new QC batch must be started. For high-level soils the batch is defined at the sample preparation stage. Laboratory generated QC samples (Blank, LCS, MS/MSD) do not count towards the maximum 20 samples in a batch. Field QC samples are included in the batch count.

10.6.2.2 Any reruns must be part of a valid analytical batch. If dilutions of sample are analyzed in the same 12-hour tune they do not count towards the maximum batch count. (See DV-QA-003P *Quality Control Program*.)

10.6.3 Water Samples

10.6.3.1 Purge-and-trap units that sample from a VOA vial should be equipped with a module that automatically adds surrogate and internal standard solution to the sample prior to purging the sample.

10.6.3.2 All samples must be at ambient temperature before analysis.

NOTE: Aqueous samples with high amounts of sediment present in the vial may not be suitable for analysis on this instrumentation, or they may need to be analyzed as soils.

10.6.4 Preparation of water samples for analyses on EST Centurion/Evolution setup

10.6.4.1 Calibration standards are prepared in 50ml Class A volumetric flasks and quickly transferred to clean 40-mL VOA vials.

10.6.4.2 For Method 8260B, EPA624.1, and EPA 8260C/D, 5mL sample aliquots are sampled by the auto sampler unless dilutions are performed. Unless

a sample requires an external dilution, then sample containers will not be opened and they will be placed on the Centurion auto sampler for analysis. Dilutions can be performed by the auto sampler in the following increments (2,4,5,10,20,40,50,100,200 and 400:1). Dilutions higher than the ones mentioned may require a sample vial to be opened. Preparing an MS/MSD requires one or more sample vials to be opened and transferred to Class A volumetric flasks for spiking.

10.6.4.3 If the dilution required would use less than 5 µL of sample, then serial dilutions must be made in volumetric flasks.

10.6.4.4 Check the pH of the sample by dipping the pH paper into the sample that is remaining in the VOA vial after the auto sampler has finished taking the aliquot for analysis (the remaining sample is not used in analysis.) Document the pH value on the run log. If the pH is not as expected, based on the sample type and preservation, document in an NCM in the LIMS.

10.6.4.5 Sample remaining in the vial after sampling is no longer valid for further analysis. A fresh VOA vial must be used for further sample analysis.

10.6.4.6 For TCLP samples, use 5.0mL of TCLP leachate. Bring to a volume of 50mL with reagent water in a Class A volumetric flask. Pour the sample into a 40mL vial and analyze. Alternately, a 10:1 dilution can be performed on an unopened 40mL VOA vial containing the TCLP sample leachate using the Centurion auto dilution function. Method Blanks and LCS/LCSD samples for TCLP analysis are to be prepared at a 10x dilution of the TCLP fluid provided with the TCLP extraction batch.

10.6.4.7 Surrogates and internal standards are added to each sample at the instrument at the time of purging.

10.6.4.8 Calibration standards and spiking solutions are added to the CCVs and LCS/D in Class A volumetric flasks. The MS/MSD samples are prepared in 50mL or 100mL volumetric flasks and spiked accordingly. Surrogates and internal standards are added to all samples by the instrument.

10.6.4.9 Purge the sample for seven to eleven (7-11) minutes (the trap should be below 50 ºC).

10.6.4.10 After purging is complete, desorb the sample, start the GC temperature program, and begin data acquisition. After desorption, bake the trap for 3-5 minutes to condition it for the next analysis. When the trap is cool, it is ready for the next sample.

10.6.4.11 Desorb time, bake time, and temperature are optimized for the type of trap in use.

NOTE: **The same conditions must be used for samples and standards.**

10.6.5 Methanol Extracts of Soils

10.6.5.1 Using a re-pipettor, add 5mL of organic-free water or the same volume of DI water as used in the calibrations (typically 5 mL) and place in a clean 40mL VOA vial with cap.

10.6.5.2 Add no more than 100 µL of methanolic extract (from Section 10.3.1 or 10.6) with a micro-syringe for each sample into the 5mL of DI and cap.

10.6.5.3 Spiking and calibration standards are added to the CCVs, LCS and MS/MSD samples by the analyst prior to purging by injecting the standard solution into 5mL of DI water in a 40mL VOA vial and quickly capping the vial. The MB, LCS and LCSD must contain a total of 100uL of methanol to simulate sample matrices.

10.6.5.4 If less than 5 µL of methanolic extract is to be added to the water, dilute the methanolic extract such that a volume greater than 5 µL will be added to the water in the syringe.

10.6.5.5 Internal standards and surrogates added by the instrument for all samples.

10.6.5.6 Load the sample onto the purge and trap device and analyze by heated purging directly into the trap as a low level soil sample.

10.6.6 Preparation of water samples for Centurion/Evolution setup

10.6.6.1 Standards

10.6.6.1.1 All standards are prepared in class A volumetric flasks. Fill volumetric 90% full with DI water, spike with standard(s), bring to volume with DI water squirt bottle and invert 3 times to mix. Pour into a labeled 40mL VOA vial without headspace. Place full VOA vial in auto sampler tray.

10.6.6.1.2 Volumetric glassware must be cleaned with DI water after use and inverted in rack to dry.

10.6.6.2 Samples

Scan the bar code from the sample vial into the instrument work list and the sequence. Place the vial in the correct position in the auto sampler try. If the sample requires dilution see the auto sampler manual for instructions on setting up the sequence.

10.6.6.2.1 After the analysis is complete the pH can be taken from the left over sample in the vial and noted on the sequence print out. The left over sample in the vial is not to be used for re-analyses.

10.6.7 Liquid Wastes that are Soluble in Methanol and Insoluble in Water

10.6.7.2 Pipette 2 mL of the sample into a tared vial. Use a top-loading balance. Record the weight to the nearest 0.1 gram.

10.6.7.3 Quickly add 7mL of methanol to bring the final volume to 10mL. Cap the vial and shake for 2 minutes to mix thoroughly.

10.6.7.4 Add 5mL of DI water to a 40mL VOA vial. Inject no more than 100uL of methanolic extract prepared in 10.7.7.1 into the vial. If higher dilutions are required, inject down to a minimum of 5uL of extract into the vial. Higher dilutions will require serial dilutions in methanol.

10.6.7.5 Add 100µL of the same methanol solvent that was used to perform the waste dilution to a clean 40mL VOA vial with 5mL of DI water. This will be MB used to evaluate the waste dilution extracted. The MB and waste dilution can be added to a daily analytical batch being analyzed. If analyzed in its own batch, an LCS/LCSD can be prepared just as a medium level LCS/LCSD but without Ottawa sand and analyzed.

10.6.8 Low-Level Soil Sample Analysis following SW846 Method 5035A

10.6.8.2 This technique is to be used when samples are collected utilizing SW-846 Method 5035A. Pre-weighed vials are used to collect approximately a 5 gram aliquot of soil (see section 8.2).

10.6.8.3 The sample vial should not have any labels applied to it until after the sample weight has been taken. Any labels applied prior to weighing will affect the initial weight calculation of the sample, because it was not accounted for in the tare weight.

10.6.8.4 Purge-and-trap units that sample from the VOA vial should be equipped with a module that automatically adds surrogate and internal standard solution to the sample prior to purging the sample.

10.6.8.5 If the auto-sampler uses automatic IS/SS injection, no further preparation of the VOA vial is needed. Otherwise, the internal and surrogate standards must be added to the vial.

10.6.8.6 The auto-sampler will heat and stir each sample as it is purged.

10.6.8.7 If any target compounds exceed the calibration range, analysis of the methanol preserved sample must be performed.

10.6.9 Low-Level Solids Analysis When Field Samples are Provided in a Jar

NOTE: This technique may seriously underestimate analyte concentration and must not be used except at specific client request for the purpose of comparability with previous data. It is no longer part of SW-846.

10.6.9.2 This method is based on purging a heated sediment/soil sample mixed with water and, if applicable, internal and matrix spiking standards. Analyze all reagent blanks and standards under the same conditions as the samples (e.g., heated). The calibration curve is also heated during analysis. Purge temperature is 40 ºC.

10.6.9.3 Do not discard any supernatant liquids. Mix the contents of the container with a disposable tongue depressor as spatula.

10.6.9.4 Weigh out 5g (or other appropriate aliquot) of sample into a clean VOA vial. Record the weight to the nearest 0.1g. If method sensitivity is demonstrated, a smaller aliquot may be used. Do not use aliquots less than 1.0g. If the sample is contaminated with analytes such that a purge amount less than 1.0g is appropriate, use the medium-level method described in Section 10.6.5 with preparation described in Section 0.

10.6.9.5 Rinse a 5mL gas-tight syringe with organic-free water, and fill. Compress to 5mL. Inject the water into the VOA vial that contains the soil sample and add a stirring bar. Alternately a DI water repipettor can be used.

10.6.9.6 The above steps should be performed rapidly and without interruption to avoid loss of volatile organics.

10.6.9.7 Prepare a Method Blank and LCS using 5g of Ottawa sand and 5 mL of water. Add a stirring bar to each. Prepare the MS/MSD (based on the sample requested by the client. The LCS spiking solution is added via a syringe to the LCS and MS/MSD samples into the DI water in the 40mL VOA vial and quickly capped to avoid volatile compound loss.

10.6.9.8 Low level soil samples may be analyzed with a 1g aliquot in place of the 5g aliquot, mixed with water. If higher dilutions are required, the methanol extract (medium level) will be analyzed.

10.6.9.9 Surrogate and internal standards are added automatically to all samples at the instrument.

10.6.9.10 The auto sampler will heat and stir each sample as it is purged.

10.6.9.11 Soil samples that have low internal standard recovery when analyzed (< 50%) should be reanalyzed once to confirm matrix effect.

10.6.10 Initial Review and Corrective Actions

10.6.10.2 If the retention time for any internal standard in the continuing calibration changes by more than 0.5 minute from the mid-level initial calibration

standard, the chromatographic system must be inspected for malfunctions and corrected. Reanalysis of samples analyzed while the system was malfunctioning is required. DoD QSM requires that the retention time for any internal standard be within 10 sec of the midpoint of the ICAL. If accepted by the client, this window can be expanded to 30 sec of the midpoint of the ICAL.

10.6.10.3 If the internal standard response in the continuing calibration is more than 200% or less than 50% of the response in the mid-level of the initial calibration standard, the chromatographic system must be inspected for malfunctions and corrected. Reanalysis of samples analyzed while the system was malfunctioning is required.

Sample internal standard areas are compared to the mid-point of the initial calibration internal standard areas. Responses from 50% to 200% are acceptable. If a sample fails to meet these internal standard criteria, further investigation is necessary. If the change in sensitivity is a matrix effect confined to an individual sample, reanalysis is not necessary. If the change in sensitivity is due to instrumental problems, all affected samples must be reanalyzed after the problem is corrected. Note: The -50% to +200% acceptance criteria for the EICP area of the internal standard when compared to the midpoint of the initial calibration is stated in the source methods. The DOD QSM requirement is -50% to +100% and must be used for samples reported using DOD QSM criteria.

10.6.10.4 The surrogate standard recoveries are evaluated to ensure that they are within limits. Corrective action for surrogates out of control will normally be to reanalyze the affected samples. However, if the surrogate standard response is out high and there are no target analytes or tentatively identified compounds, reanalysis may not be necessary. Out of control surrogate standard response may be a matrix effect. It is only necessary to reanalyze a sample once to demonstrate matrix effect, but reanalysis at a dilution should be considered.

10.6.11 Dilutions

10.6.11.2 If the response for any compound exceeds the working range of the GC/MS system, a dilution of the sample or extract is prepared and analyzed. An appropriate dilution should ideally be in the upper half of the calibration range. Samples may be screened to determine the appropriate dilution for the initial run. If the initial diluted run has no analyte concentrations above 20% of the calibration range and the matrix allows for analysis at a lesser dilution, then the sample should be reanalyzed at a dilution targeted to bring the largest hit above 20% of the calibration range.

10.6.11.3 Guidance for Dilutions Due to Matrix

If the sample is initially run at a dilution and the baseline rise is less than half the height of the internal standards, or if individual non target peaks are less than twice the height of the internal standards, then the sample should be reanalyzed at a more concentrated dilution. This requirement is

approximate and subject to analyst judgment.

10.6.11.4 Reporting Dilutions

The most concentrated dilution with no target compounds above the calibration range will be reported. Other dilutions will be reported only at client request.

10.6.12 Instrument Set-up

Prior to the analysis of samples and blanks, the GC/MS system must be tuned and calibrated. Tuning is accomplished by analyzing 4-bromofluorobenzene (BFB) to establish that the GC/MS system meets the standard mass spectral abundance criteria. The GC/MS system must be calibrated initially at a minimum of five concentrations to determine the linearity of the response utilizing target calibration standards. The calibration must be verified each twelve-hour time period for each GC/MS system. The use of separate calibrations is required for water and low soil matrices.

10.6.13 Recommended Instrument Conditions

10.6.13.2 General

Parameter	Setting
Electron Energy:	70 volts (nominal)
Mass Range:	35–300 amu
Scan Time:	to give at least 5 scans/peak, ≤ 2 second/scan
Injector Temperature:	200 – 250 ˚C
Source Temperature:	According to manufacturer's specifications
Transfer Line:	Temperature: 180-200 ˚C
Purge Flow:	40 mL/minute
Carrier Gas Flow:	1-15 mL/minute, dependent upon column specifications

10.6.13.3 Gas Chromatograph Suggested Temperature Program

The following temperature programs vary with the column type used.

<u>BFB Analysis</u>

Initial Temperature:	150 ˚C
Initial Hold Time:	0.00 minutes
1st Temperature Program:	50.00 ˚C/minute
Final Temperature:	220 ˚C
Final Time:	4.00 minutes
2nd Temperature Program:	OFF

Post Temperature:	0 ˚C
Post Time:	0.00 minutes
Run Time:	5.40 minutes

Sample Analysis

Initial Temperature:	40 ˚C
Initial Hold Time:	1 minute
1st Temperature Program:	15 ˚C/minute
Final Temperature:	220 ˚C
Final Hold Time:	0.5 minutes
GC inlet split ratio	30:1 or higher

10.6.13.4 Instrument Tuning

Each GC/MS system must be hardware-tuned to meet the abundance criteria listed in Table 10 for a maximum of a 50ng (25ng for 624/624.1) on column injection of BFB. Analysis must not begin until these criteria are met. These criteria must be met for each twelve-hour time period. The twelve-hour time period begins at the moment of injection of BFB for 8260. For 624/624.1 samples, the 12 hour time period begins after analysis of the BFB, MB and LCS/LCSD. The MS/MSD must be within the 12 hour analysis window.

10.6.14 Initial Calibration

10.6.14.2 Detailed information regarding calibration models and calculations can be found in Corporate SOP CA-Q-P-003, Calibration Curves and the Selection of Calibration Points and in the public folder *Arizona Calibration Training.*

10.6.14.3 A series of five or more initial calibration standards is prepared and analyzed for the target compounds and each surrogate compound. Certain analytes are prepared at higher concentrations due to poor purge performance. The following calibration curves are maintained. Calibration levels for each analyte are given in the stated tables. Other calibration levels and purge volumes may be used depending on the capabilities of the specific instrument or program requirements.

Initial Calibration by Matrix and Method

Method	Matrix	Purge Volume	Calibration Levels
624/624.1/8260C/D	Water	5 mL	Table 5A
8260B	Water	5 mL	Tables 5 and 5A
8260B/C/D	Soil (low level)	5 mL	Tables 4 and 4A
8260B/C/D	Soil (Methanol Extract)	5 mL reagent water + 100	Tables 6 and 6A

Method	Matrix	Purge Volume	Calibration Levels
		uL Methanol	
Alaska	Soil	See Appendix B	See Appendix B

10.6.14.4 Calibration levels below the reporting limit may be removed provided that there is a minimum of five calibration points for linear regression and six calibration points for second order calibration. The lowest standard used in the calibration must be at or below the laboratory reporting limit.

10.6.14.5 The same purge volume must be used for calibration and sample analysis, and the low level standard must be at or below the reporting limit.

10.6.14.6 It may be necessary to analyze more than one set of calibration standards to encompass all of the analytes required for some tests.

10.6.14.7 Internal standard calibration is used. The internal standards are listed in Tables 8 and 8A. Target compounds should reference the nearest internal standard. Each calibration standard is analyzed and the response factor (RF) for each compound is calculated using the area response of the characteristic ions against the concentration for each compound and internal standard. See Equation 1, Section 11.5.1.1, for calculation of response factor.

10.6.14.8 When setting up initial calibration, surrogate and ICIS calibrations will be performed only on an ICAL containing gases and 2-CLEVE or an ICAL containing the Main compounds. Supplemental list calibrations will be performed separately.

10.6.14.9 Evaluation of retention times

The retention time of each target analyte in each calibration standard should agree within 0.5 min.

10.6.14.10 The % RSD of each of the calibration check compounds (CCC) must be less than or equal to 30% for 8260B criteria. Refer to Table 12. See Table A-2 for Method 624/624.1 criteria.

10.6.14.11 The average RF must be calculated for each compound. A system performance check is made prior to using the calibration curve. The five system performance check compounds (SPCC) are checked for a minimum average response factor. Refer to Table 11 for the SPCC compounds and required minimum response factors for 8260B. Refer to Table 18 for laboratory minimum response factors for EPA8260C/D.

10.6.14.12 If the software in use is capable of routinely reporting curve coefficients for data validation purposes and the necessary calibration reports can be generated, then the analyst should evaluate analytes with %RSD > 15%

for calibration on a curve. If it appears that substantially better accuracy would be obtained using quantitation from a curve then the appropriate curve should be used for quantitation. The correlation coefficient (coefficient of determination for non-linear curves) must be ≥ 0.990.

NOTE: Additional criteria are stated in the North Carolina QAS. South Carolina does not allow the use of second order curves.

10.6.14.13 If the software in use is capable of routinely reporting curve coefficients for data, and if the average of all the %RSDs in the calibration is > 15%, then calibration on a curve must be used for all analytes with %RSD > 15%. The analyst should consider instrument maintenance to improve the linearity of response. Otherwise, the correlation coefficient, r (coefficient of determination, r^2 for non-linear curves) must be ≥ 0.995 (i.e., $r^2 \geq 0.99$). DoD QSM requires that the correlation coefficient for linear fits be ≥ 0.995 (i.e., $r^2 \geq 0.99$).

NOTE: Some states (like Arizona) and federal programs do not allow the use of grand mean. Refer to the Arizona QAS and SOP DV-QA-024P QA/QC Requirements for Federal Programs.

10.6.14.14 Once the initial calibration has been evaluated and determined to be valid, the calibration must be verified with an Initial Calibration Verification standard (ICV) using a standard prepared from an alternate or secondary source. All compounds in the ICV must be <35% drift when compared to the initial calibration, except poor performers (see Table 15) which must be <55% drift. The laboratory's GC/MS group identified this list of compounds based on current and historical performance. The recovery performance was reviewed against spike recovery data and method performance data, where available, to validate each compound as a "poor performer." The ICV is generally run at the same concentration as the level 5 standard. See Table A-2 for method 624/624.1 ICV criteria.

DoD QSM requires the ICV analytes must be within ±20% of the true value or recalibration must be performed. Poor performers listed in this SOPmay be ±30% if approved by the client.

South Carolina and Wisconsin require that all analytes of interest in the ICV must recover at ≤30% (≤ 40% for poor purgers) prior to sample analysis.

10.6.14.15 The last calibration standard in the ICAL may be used as the start of the 12-hour period of analysis provided that it can be evaluated successfully and shown to pass the BFB tuning criteria. Due to TALS constraints, the file for this standard may have to be copied and renamed, uploaded and evaluated as a BFB standard.

10.6.14.16 A separate five point calibration must be prepared for analysis of low-level and medium level soils. Low-level soils analysis requires the use of a closed vial auto-sampler. Each standard is prepared by spiking the methanol standard solution into a VOA vial containing 5 mL of water. The standards are heated to 40°C for purging. All low-level and medium level

soil samples, standards, and blanks must also be heated to 40°C for purging. Methanol soil extracts will be analyzed using the low level soil calibration curve. The default and maximum volume of medium level methanol extract to inject into 5mL of DI water is 100uL. This is equivalent to a 50x dilution factor.

10.6.14.17 Non-standard analytes are sometimes requested. For these analytes, it is acceptable to analyze a single standard at the reporting limit with each continuing calibration rather than a five point initial calibration. The primary ion for the single standard must generate a peak clearly visible over background noise (greater than three standard deviations at a minimum) and be free of spectral interferences. If the analyte is detected in any of the samples, a five point initial calibration must be generated and the sample(s) reanalyzed for quantitation. However, if the analyte is not detected, the non-detect may be reported and no further action is necessary. A footnote or narrative comment should describe the basis of the reported result.

10.6.15 Continuing Calibration

10.6.15.2 The initial calibration must be verified every twelve hours.

10.6.15.3 Continuing calibration begins with analysis of BFB as described in Section 10.6.13.4. If the system tune is acceptable, the continuing calibration standard(s) are analyzed. The level 5 calibration standard is typically used as the continuing calibration standard. See Table A-2 for method 624/624.1 criteria. The BFB may be evaluated in the Continuing Calibration Verification (CCV) standard.

10.6.15.4 The RF data from the standards are compared with the initial five-point calibration to determine the percent drift of the CCC compounds.

10.6.15.5 The % drift of the CCCs must be ≤ 20% for the continuing calibration to be valid for 8260B. The SPCCs are also monitored. The SPCCs must meet the criteria described in Table 11. In addition, the % drift for most non-CCC analytes must be ≤ 35%, and for poor performers ≤ 50% (See Table 15), with allowance for up to six target analytes to have a % drift greater than the applicable limit. For agencies that require specific control limits for non-CCC compounds (i.e., State of Arizona) see Table 14. See Table A-2 for method 624/624.1 criteria.

For South Carolina, the percent drift for non-CCC analytes must be ≤ 30% (≤ 40%) for poor purgers.

Note: Additional criteria are stated in the North Carolina QAS.

10.6.15.5.1 If none of the CCCs are required analytes, project specific calibration specifications (which may include the use of the CCCs listed in Table 12) must be agreed to with the client.

10.6.15.5.2 Cyclohexanone is unstable in the calibration solution forming

1,1-dimethoxycyclohexane. No calibration criteria are applied to cyclohexanone and quantitation is tentative. Cyclohexanone is included on the Universal Treatment Standard and FO-39 regulatory lists.

10.6.15.5.3 For the "C" and "D" versions of the method, all compounds are considered to be CCC compounds and should meet the ≤20% drift requirement. Poor performing compounds as listed in the SOP that have poor or erratic purging efficiencies should meet laboratory historical ccv limits and may be reported with qualifiers and an NCM provided that the LCS meets the control limits for the methods reported. (See Table 15 for list of poor performing compounds identified by the lab). For these two versions of the method, all compounds are considered to be SPCCs and should meet the minimum response factors defined by the laboratory (see Table 18).

10.6.15.6 The retention time of the internal standards in the continuing calibration standard cannot change by more than 30 seconds when compared to the most recent five-point calibration. The internal standard areas must not change by more than a factor of 2 (50 – 200 %) from the mid-point standard of the most recent five-point calibration.

10.6.15.7 If the CCCs and/or the SPCCs do not meet the criteria in Sections 10.6.15.4 and 10.6.15.5, the system must be evaluated and corrective action must be taken if 8260B samples are to be analyzed. The BFB tune and continuing calibration must be acceptable before analysis begins. Extensive corrective action, such as a new column, will require a new initial calibration.

10.6.15.8 Once the above criteria have been met, sample analysis may begin. Initial calibration average RFs (or the calibration curve) will be used for sample quantitation, not the continuing calibration RFs. Analysis may proceed until 12 hours from the injection of the BFB have passed. (A sample desorbed less than or equal to 12 hours after the BFB is acceptable). After analysis of the ccv, the results of the subsequent sample (the ccv for supplementary compounds in most cases) must be monitored by the analyst to insure that degradation of the trap is not occurring. This is accomplished by inspecting the data for formation of Chloromethane, Bromomethane and Iodomethane as a result of thermal decomposition of Bromoform from the ccv. If the presence of these compounds exceeds 0.5ug/L, the trap has become contaminated and the analytical system must be evaluated for possible maintenance.

10.6.15.9 Example analytical sequence for GC/MS volatile analysis:

1. BFB
2. CCV Main
3. CCV Supp
4. MB or Instrument Blank
5. LCS
6. LCSD (if required)
7. MB (if not already analyzed)
8. 20 client samples

The above is an example sequence. If any part of lines 1 through 4 does not meet method criteria for running client samples it must be re-analyzed before continuing on to the next step. For example, the CCVs cannot be run without first passing the BFB tune and system cleanliness and lack of contamination must be demonstrated in the form of either an instrument blank or a MB before samples are to be analyzed and must follow passing CCVs.

DoD QSM requires a closing CCV be run. The injection time must be within the 12-hour tune time. If a supplementary compound CCVC is required, it does not have to be within the 12 hour window but must immediately follow the primary closing CCVC. Acceptance criteria are ± 50%D. See Section 10.10 for alternate acceptance criteria if approved for the project.

10.7 Maintenance

See section 20 of the Denver QAM

10.8 Troubleshooting

10.8.1 For RT shifts check purge flow for possible leaks or blockage depending on which way the RT is shifted.

10.8.2 If no peaks appear in chromatogram

10.8.2.1 Check water and standard reservoirs and helium switch is to on position.

10.8.2.2 Check that purge needle is not broken/leaking.

10.8.2.3 Check tune to make sure filaments are still functional.

10.8.2.4 Check GC column for breaks

10.8.2.5 If maintenance was recently performed, re-check that area to make sure all connections are tight.

10.8.3 Samples with high concentrations of hydrocarbons may cause internal standards to fail high in samples analyzed afterwards. Depending on severity either running Methanol blanks or replacing contaminated parts may be needed.

10.8.4 Samples with a basic pH (>10) will cause the surrogate Dibromofluoromethane to fail low.

10.8.5 Samples that contain organic matter may cause internal standard failures.

10.8.6 Temperature variations in the laboratory will cause shifts in the recoveries of water soluble compounds (i.e., Ketones and Alcohols).

10.8.7 If instrument has difficulty passing BFB tune, front end maintenance can solve the problem.

10.8.8 Samples with extreme foaminess can cause issues ranging from failing QC to contamination of instrumentation which may require replacement of contaminated parts.

10.9 Method specific requirements for QSM

Method Comment Codes and definitions for possible method variances. Method Comment indicates that client has accepted the variance. Requirement if variance NOT accepted is provided in the table below. DoD QSM requirements are listed throughout this SOP in the appropriate sections.

Code	If Variance accepted	If Variance not accepted
1SME	Laboratory must be informed of critical compounds of concern to ensure ME not applied to these compounds.	SME is allowed (see table in section 9.5 for number of analytes) except for critical compounds of concern.
2CLC	Common lab contaminants allowed up to RL – Variance identifies those compounds identified as common lab contaminants	Common lab contaminants allowed up to RL. See section 9.4
3HR	Allowed to report biased high failures in CCV/LCS/surrogate when samples ND. Report with NCM and flags.	All QC failures not matrix related must be re-analyzed
4PP	30%D CCV/ICV criteria allowed for poor performers as long as not listed as constituent of concern (COC) by client	Does not recognize poor performers. All targets must pass 20% criteria.
6CCVOrg	If closing CCV fails due to the matrix of samples run prior to it and failure is confirmed once, consult client before reporting	All samples must be bracketed by passing CCV
7MS	Poor performers excluded from 50%D in closing CCV. Re-analyze closing CCV for non-COC's and report others with NCM and flags.	Closing CCV must pass 50%D criteria for all target compounds.
8ISRT	Internal standard window +/- 30 seconds from ICIS	Internal standard window +/- 10 seconds from ICIS

11.0 Calculations / Data Reduction

11.1 Detailed calibration equations can be found in the corporate SOP CA-Q-P-003 *Calibration Curves and Selection of Calibration Points* and in the public folder, *Arizona Calibration Training*.

11.2 Qualitative Identification

11.2.1 An analyte is identified by retention time and by comparison of the sample mass spectrum with the mass spectrum of a standard of the suspected compound (standard reference spectrum). Mass spectra for standard reference may be obtained on the user's GC/MS by analysis of the calibration standards or from the NIST Library (same library as used for routine sample analysis). Two criteria must be satisfied to verify identification: (1) elution of sample component at the same GC retention time as the standard component; and (2) correspondence of the sample component and the standard component characteristic ions.

NOTE: Care must be taken to ensure that spectral distortion due to co-elution is evaluated.

11.2.1.1 The sample component retention time must compare to within ± 0.5 min. of the retention time of the standard component. For reference, the standard must be run within the same twelve hours as the sample.

11.2.1.2 All ions present in the standard mass spectra at a relative intensity greater than 10% (most abundant ion in the spectrum equals 100%) should be present in the sample spectrum.

11.2.1.3 The relative intensities of ions should agree to within ±30% between the standard and sample spectra. (Example: For an ion with an abundance of 50% in the standard spectra, the corresponding sample abundance must be between 20 and 80 %.)

11.2.2 If a compound cannot be verified by all the above criteria, but in the technical judgment of the analyst, the identification is correct, then the analyst shall report that identification and proceed with quantitation.

11.2.3 All data are subject to two levels of technical review, as described in SOP DV-QA-0020 *Data Review*.

11.3 Tentatively Identified Compounds (TICs)

11.3.1 If the client requests components not associated with the calibration standards, a search of the NIST library may be made for the purpose of tentative identification. The following guidelines apply:

11.3.1.1 Relative intensities of major ions in the reference spectrum (ions > 10% of the most abundant ion) should be present in the sample spectrum.

11.3.1.2 The relative intensities of the major ions should agree to within 20%. (Example: If an ion shows an abundance of 50% in the standard

spectrum, the corresponding sample ion abundance must be between 30% and 70%).

11.3.1.3 Molecular ions present in the reference spectrum should be present in the sample spectrum.

11.3.1.4 Ions present in the sample spectrum but not in the reference spectrum should be reviewed for possible background contamination or presence of co-eluting compounds.

11.3.1.5 Ions present in the reference spectrum but not in the sample spectrum should be reviewed for possible subtraction from the spectrum because of background contamination or co-eluting peaks. (Data system reduction programs can sometimes create these discrepancies.)

11.3.1.6 Computer-generated library search routines should not use normalization routines that would misrepresent the library or unknown spectra when compared to each other. Only after visual inspection of the sample with the nearest library searches should the analyst assign a tentative identification.

11.3.2 Chrom setup

Set up for identification of TICs in Chrom is done by using the following settings in the Chrom Method Editor.

Item	Setting
Enable TIC quantitation	Checkmark on
Quant from	Nearest ISTD
Min % for ID	10%
Start and end time	Set both to 0.000
Match Threshold	85%
Disable calibrated TICs	Checkmark on
Enable TIC search	Checkmark on
Path to Library	Must be set to correct path
Subtraction method	Generally best set to no subtraction
Chrom match RT window	Set to 0.1 min

11.4 Data Review

Common Oversights and Possible Fixes

Finding	Fix
Level 4 QC summary report error	8260B/C/D: Set 1,4-Dioxane-d_8 set to "not needed" status in samples and ICAL 624/624.1: Set 1,4-Dioxane-d_8 and TBA-d_9 to "not needed" status in samples and ICAL
Missing MS/MSD % recoveries and/or RPD	MS/MSD linked to incorrect parent (all three must be run at same concentration); relink. Missing reagent value – verify and correct on reagent tab. Parent and MS/MSD not processed with "all compounds" list; verify worklist is correct; re-upload if error found in worklist.
Dilution factor/initial volume incorrect	Double check that what is being reported reflects what was performed; correct as needed
Proper sample preservative	8260B/C/D: Create NCM when 2–CLEVE is a target and sample has pH<2. 624/624.1: Create NCM when 2-CLEVE and/or Acrolein is a target and sample pH<2. All: Create NCM when pH does not match preservative type.
QC not in deliverables	All associated QC must be at 2nd level review status to appear in deliverables. This includes any ICIS, ICV, CCVC, LCS/LCSD, MB, LB, and MS/MSD. Use Job Data Review or QC checker to verify and correct as needed.
Incorrect flagging	Re-calculate sample, do not manually remove flag without permission.
False hit for 1,2,3-Trichloropropane	When anti-foam is used take extra care in evaluating any hit for 1,2,3-Trichloropropane. Ensure correct identification.
TIC with large ion 44 early in run	This is usually Carbon Dioxide labeled as an unknown. Verify identification. If reporting TICs it should be marked as undetected in order to not report.

11.4.1 Data Review Procedure

After completion of all analytical data, a first level review is performed. The following items must be scanned in for a 2nd level reviewer to verify: 1) a run sequence log generated from the instrument used for analysis. Relevant information such as data not reported, QC re-analysis, dilutions analyzed, comments on vial headspace and pH of all samples analyzed will be noted on this page. 2) a Chrome work list with information about the standards used for all QC and dilution factors used 3) the SRF sheet which will contain information on dilutions and any analyst bench notes

regarding samples including color, viscosity, matrix, and any other pertinent information that the analyst thinks should be included. and 4) a prep batch log for all TCLP, MLE, and low level soil samples. In addition, any prep paperwork for PT samples will be scanned.

11.4.2 Linear Fit

Calibration using least-squares linear regression produces a straight line that does not pass through the origin. The calibration relationship is constructed by performing a linear regression of the instrument response (peak area or peak height) versus the concentration of the standards. The instrument response is treated as the dependent variable (y) and the concentration as the independent variable (x). The weighting used is the reciprocal of the concentration or the reciprocal of the square of the concentration. The regression produces the slope and intercept terms for a linear equation in the following:

$$R_x = m_1(C_s) + b \qquad \textit{Equation 6}$$

Where:

C_s	=	Analyte concentration in calibration standard, µg/L
R_x	=	Response for analyte
b	=	y - Intercept
m_1	=	Slope

To calculate the concentration in an unknown sample extract, the regression equation is solved for concentration, resulting in the following equations, where C_{ex} is the concentration of the target analyte in the unknown sample:

$$C_{ex} = \frac{[R_x - b]}{m_1} \qquad \textit{Equation 7}$$

Where:

C_{ex}	=	Extract analyte concentration, µg/L
R_x	=	Response for analyte
b	=	y - Intercept
m_1	=	Slope

11.4.3 Evaluation of the Linear Least-Squares Regression Calibration Function:

11.4.3.1 With an unweighted linear regression, points at the lower end of the calibration curve have less weight in determining the curve than points at the high concentration end of the curve. For this reason, inverse weighting of the linear function is recommended to optimize the accuracy at low concentrations.

11.4.3.2 Note that the August 7, 1998 EPA memorandum “Clarification Regarding Use of SW-846 Methods”, Attachment 2, Page 9, includes the statement “The Agency further recommends the use of this for weighted regression over the use of an unweighted regression.”

Acceptance Criteria:

11.4.3.3 To avoid bias in low level results, the absolute value of the y-intercept must be less than the reporting limit (RL), and preferably less than the MDL. Clients may have specific requirements for the y-intercept and these requirements are stated in their respective QASs.

11.4.3.4 Also examine the residuals, but with particular attention to the residuals at the bottom of the curve. If the intercept or the residuals are large, a second-order regression should be considered.

11.4.3.5 The linear regression must have a correlation coefficient (r) ≥ 0.995 (r^2 ≥ 0.99).

11.4.4 Quadratic Fit

When the instrument response does not follow a linear model over a sufficiently wide working range, or when the previously described calibration approaches fail acceptance criteria, a non-linear, second-order calibration model may be employed. The second-order calibration uses the following equation:

$$R_x = m_2(C_s)^2 + m_1(C_s) + b$$ *Equation 8*

Where:

C_s = Analyte concentration in calibration standard, µg/L
R_x = Response for analyte
m_2 = Curvature
m_1 = Slope
b = y - Intercept

To calculate the concentration in an unknown sample extract, the roots of the quadratic equation are solved for:

$$C_{ex} = \frac{-m_1 \pm \sqrt{(m_1)^2 - 4(m_2)(b - R_x)}}{2m_2}$$ *Equation 9*

Where:

C_{ex} = Extract analyte concentration, µg/L
R_x = Response for analyte
m_2 = Curvature
m_1 = Slope
b = y – Intercept

11.4.5 Evaluation of Second-Order Regression Calibration:

A minimum of six points must be used for a second-order regression fit.

Acceptance Criteria:

11.4.5.1 Second-order regressions should be the last option, and note that some programs (e.g., South Carolina) do not allow the use of second-order regressions.

11.4.5.2 The coefficient of determination (COD, r^2) must be ≥ 0.99.

11.4.5.3 The absolute value of the intercept is not large relative to the lowest concentrations being reported.

11.4.5.4 The response increases significantly with increasing standard concentration (i.e., the instrument response does not plateau at high concentrations).

11.4.5.5 The distribution of concentrations is adequate to characterize the curvature.

11.5 Calculations.

11.5.1 Linear Calibration Using Average Response Factors

11.5.1.1 Relative Response Factor Calculation

$$RF = \frac{A_x C_{is}}{A_{is} C_x}$$ *Equation 1*

Where:

A_x = Area of the characteristic ion for the compound being measured
A_{is} = Area of the characteristic ion for the specific internal standard
C_x = Concentration of the compound being measured (µg/L)
C_{is} = Concentration of the specific internal standard (µg/L)

11.5.1.2 For each target analyte, calculate the average response factor as follows:

$$\text{Average Response Factor} = \overline{RF} = \frac{\sum_{i=1}^{n} RF_i}{n}$$ *Equation 2*

Where: n = Number of calibration levels
RF_i = Response factor for the ith level

11.5.1.3 The relative standard deviation (RSD) is calculated as follows:

$$\%RSD = \frac{SD}{\overline{RF}} \times 100\%$$ *Equation 3*

Where:

$\overline{RF}$ = Mean of RFs from the initial calibration for a compound
SD = Standard deviation for the mean RF from the initial calibration for a compound

$$\mathrm{SD} = \sqrt{\frac{\sum_{i=1}^{N}\left(RF_i - \overline{RF}\right)^2}{N-1}}$$ *Equation 4*

RF_i = RF for each of the calibration levels
n = Number of RF values

11.5.1.4 Average Calibration Fit Evaluation

The calibration relationship can be graphically represented as a line through the origin with a slope equal to the average response factor.

Acceptance Criteria: The RSD of the average response factor must be ≤15%. Also examine the residuals, especially for the high points versus the fitted function. If the residual values are large, a linear regression should be considered.

Corrective Action: If the RSD is > 15%, average response factor cannot be used and least-squares linear regression should be attempted.

11.5.1.5 Calculating the Concentration in the Extract

$$C_{ex} = \frac{R_x C_{is}}{R_{is}\overline{RF}}$$ *Equation 5*

Where:

C_{ex} = Concentration in the extract, µg/mL
R_x = Response for the analyte
R_{is} = Response for the internal standard
C_{is} = Concentration of the internal standard
$\overline{RF}$ = Average response factor

11.6 Acceptance Criteria Independent of Calibration Model – Method 8000D

11.6.1 Method 8000D in SW-846 recommends the use of either the Percent Error or Relative Standard Error to evaluate the calibration model as described below.

NOTE: For South Carolina work, one of these methods of evaluation must be used.

11.6.2 Percent Error

11.6.2.1 The percent error assesses the refitting of the calibration data back to the model. The percent error between the calculated and expected amounts of an analyte should be ≤ 30% for all standards except for the lowest data point which should be ≤ 50%.

11.6.2.2 Calculation of the Percent Error

$$\%\,Error = \frac{x_i - x_i'}{x_i} \times 100$$ *Equation 10*

Where:

x'_I = Measured amount of analyte at calibration level *i*, in mass or concentration units

x'_I = True amount of analyte at calibration level i, in mass or concentration units

11.6.3 Relative Standard Error (RSE)

11.6.3.1 Relative standard error provides a measure of the fit of the calibration that is independent of the calibration model. RSE is calculated using the following equation:

$$\mathrm{RSE} = 100 \times \sqrt{\frac{\sum_{i=1}^{N}\left(\frac{x'_i - x_i}{x_i}\right)^2}{(n-p)}}$$ *Equation 11*

Where:

x'_I = Measured amount of analyte at calibration level *i*, in mass or concentration units

x_I = True amount of analyte at calibration level *i*, in mass or concentration units

p = Number of terms in the fitting equation
(average = 1, linear = 2, quadratic = 3, cubic = 4)

n = Number of calibration terms

11.6.3.2 The RSE acceptance limit criterion is the same as the RSD limit.

11.7 Calculations for reporting original samples

11.7.1 Calculating concentration in aqueous samples:

$$\text{Concentration, } \mu\text{g/L} = C_{ex} D \qquad \textit{Equation 12}$$

Where:

C_{ex}	=	Analyte concentration, µg/L
D	=	Dilution factor

11.7.2 Calculating concentration in low level soil samples:

$$\text{Concentration, } \mu\text{g/Kg} = C_{ex} \times \frac{Vp}{Ws} \times \frac{1}{(100 - M)} \times D \qquad \textit{Equation 13}$$

Where:

C_{ex}	=	Analyte concentration, µg/L
Vp	=	Purge volume (5 mL)
Ws	=	sample weight (in grams)
M	=	Percent Moisture
D	=	Dilution factor

Note: Units conversions for purge volume and sample weight yield conversion factor of 1 and are not shown in the equation for simplicity.

11.7.3 Calculating concentration in medium level soil samples

$$Concentration, \mu g / Kg = C_{ex} \times \frac{V_p}{V_a} \times \frac{V_e}{W_s} \times \frac{1}{(100 - M)} \times DF \qquad \textit{Equation 14}$$

C_{ex}	=	Uncorrected concentration of sample from instrument quantitation report (µg/L)
V_p	=	Final purge volume (mL)
V_a	=	Volume of methanol extract added to the purge volume (mL)
V_e	=	Volume of methanol used for extraction (mL)
W_s	=	Weight of sample extracted (g)
DF	=	Dilution Factor

Note: Units conversions for purge volume and sample weight yield conversion factor of 1 and are not shown in the equation for simplicity.

11.7.4 LCS and CCV Percent Recovery

$$\text{Control Spike Recovery} = \frac{S_{SR}}{S_A} \times 100\% \qquad \textit{Equation 15}$$

Where (in µg/L):

S_{SR}	=	Calculated analyte concentration of spiked sample
S_A	=	Concentration of standard added

11.7.5 MS/MSD Recovery

$$\%\ \text{Recovery} = \frac{SSR - SR}{SA} \times 100\%$$ *Equation 16*

Where:

SSR = Spike sample result.
SR = Sample result.
SA = Spike added.

11.7.6 RPD calculation for the MS/MSD:

$$RPD = \frac{|MSR - MSDR|}{\frac{1}{2}(MSR + MSDR)} \times 100\%$$ *Equation 17*

Where:

RPD = Relative percent difference.
MSR = Matrix spike result.
MSDR = Matrix spike duplicate result.

11.7.7 See SOP CA-Q-P-003 Calibration Curves and the Selection of Calibration Points for more detailed calibration equations. All data are subject to two levels of technical review, documented on a checklist, as described in SOP DV-QA-0020 *Data Review*.

12.0 Method Performance

12.1 Method Detection Limit Study (MDL)

12.1.1 The method detection limit (MDL) is the lowest concentration that can be detected for a given analytical method and sample matrix with 99% confidence that the analyte is present. The MDL is determined according to the laboratory's MDL procedure in Eurofins Denver's Policy No. CA-Q-S-006 *Detection and Quantitation Limits*. MDLs reflect a calculated (statistical) value determined under ideal laboratory conditions in a clean matrix, and may not be achievable in all environmental matrices. The laboratory maintains MDL studies for analyses performed; these are verified at least annually unless method or program requirements (e.g., DoD) indicate a greater frequency.

12.1.2 MDLV and LOQV

12.1.2.1 MDLVs and LOQVs must be performed on blank matrix as defined for the method blank (Section 9.3), spiked with the appropriate analytes at the programmatically required spike amounts.

12.1.2.2 MDLVs are analyzed for compounds on the DOD certificate and those required for Texas TRPP on each instrument each quarter. For DOD the spike requirement is 2-4X the MDL and for Texas it is 1-4X the MDL. There are no recovery requirements for MDLV. The MDLs for all other compounds are verified at least annually

12.1.2.3 LOQVs (aka LLOQV) are analyzed for compounds on the DOD certificate on each instrument each quarter. The spiking requirement is 1-2X the RL and must pass percent recovery limits. For all compounds analyzed by Method 8260, LOQVs must be performed annually for compliance with Method 8000D, SW-846 Update V.

12.2 Demonstration of Capabilities

12.2.1 All personnel are required to perform an initial demonstration of proficiency (IDOC) on the instrument they will be using for analysis prior to testing samples. On-going proficiency must be demonstrated annually. IDOCs and on-going proficiency demonstrations are conducted as follows.

12.2.1.1 Four aliquots of the QC check sample are analyzed using the same procedures used to analyze samples, including sample preparation. The concentration of the QC check sample should be equivalent to the LCS.

12.2.1.2 Calculate the average recovery and standard deviation of the recovery for each analyte of interest.

12.2.1.3 If any analyte does not meet the acceptance criteria, the test must be repeated. Only those analytes that did not meet criteria in the first test need to be evaluated. Repeated failure for any analyte indicates the need for the laboratory to evaluate the analytical procedure and take corrective action.

12.2.1.4 Further details concerning demonstrations of proficiency are described in SOP DV-QA-0024 *Training*.

12.3 Training Requirements

The Group Leader is responsible for ensuring that this procedure is performed by an associate who has been properly trained in its use and has the required experience. A new analyst must be working under supervision prior to approval of the IDOC. Documentation that a new analyst is performing under supervision must be entered into the batch record (View Batch Information) until that analyst's IDOC has been approved by the QA Manager (or designee). See requirements for demonstration of analyst proficiency in SOP DV-QA-0024 *Training*.

13.0 <u>Pollution Control</u>

It is Eurofins Denver's policy to evaluate each method and look for opportunities to minimize waste generated (i.e., examine recycling options, ordering chemicals based on quantity needed, preparation of reagents based on anticipated usage and reagent stability).

14.0 <u>Waste Management</u>

14.1 All waste will be disposed of in accordance with Federal, State, and local regulations. Where reasonably feasible, technological changes have been implemented to minimize the potential for pollution of the environment. Employees will abide by this procedure, the policies in section 13, "Waste Management and Pollution Prevention", of the Environmental Health and Safety Manual, and DV-HS-001P *Waste Management Plan*.

14.2 The following waste streams are produced when this method is carried out:

14.2.1 Methanol Waste - Vial Waste and Flammable – Waste Streams A and C

14.2.2 Expired Chemicals/Reagents/Standards – Contact Waste Coordinator

14.2.3 Acidified Water – Waste Stream W

NOTE: Radioactive waste, mixed waste, and potentially radioactive waste must be segregated from non-radioactive waste as appropriate. Contact the Radioactive Waste Coordinator for proper management of these materials.

15.0 References / Cross-References

15.1 SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, Third Edition and all promulgated updates, EPA Office of Solid Waste, January 2005.

15.1.1 Method 8260B/C/D, Volatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS), Revision 2, December, 1996.

15.1.2 Method 5030B, Purge-and-Trap for Aqueous Samples, Revision 2, December, 1996.

15.1.3 Method 5035, Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples, Revision 0, December, 1996.

15.1.4 Method 5035A (R1-MIR), Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples, Draft Revision 1, July 2002.

15.1.5 Method 8000B, Determinative Chromatographic Separations, Revision 2, December 1996.

15.1.6 Method 8000C, Determinative Chromatographic Separations, Revision 3, March 2003.

15.1.7 Method 8000D, Determinative Chromatographic Separations, Revision 4, July 2014.

15.2 40 CFR Part 136, Appendix A (Method 624/624.1, Method 603) and update on August 28, 2018.

15.3 Method AK101 For the Determination of Gasoline Range Organics, Alaska DEC, Version 04/08/02.

16.0 Method Modifications:

Item	Method	Modification
1	SW-846 8260B/8260C	Ion 119 is used as the quantitation ion for chlorobenzene-d_5.
2	SW-846 8260B/8260C	The quantitation and qualifier ions for some compounds have been changed from those recommended in SW-846 in order to improve the reliability of qualitative identification.

Item	Method	Modification
3	SW-846 8260B/8260C	This SOP has been revised for a 5mL purge volume for water. The final purge volume is 5 mL.
4	SW-846 8260B/8260C	Method 8260B recommends that the purge vessel is run through an additional purge cycle after 25 mL sample analysis to remove carryover. Instead, purge vessels are oven baked between analyses or disposable vessels are used one time only.
5	EPA 624/624.1	Method 624/624.1 is required for demonstration of compliance with CWA permits, e.g., NPDES wastewater discharge permits. This method can be applied only to aqueous matrices. The standard compound list and reporting limits are listed in Table A-1. If compounds are added to the analysis, all of the method criteria must be satisfied for the additional compounds.
6	EPA 624/624.1	The tune period for this method can be extended to 14 hours, which is the maximum elapsed time before the tune check and calibration verification is performed. .
7	EPA 624/624.1	The initial calibration curve for this method requires at least five points, as shown in Table 5A.
8	EPA 624/624.1	Sample concentrations are calculated using the average RRF from the initial calibration curve.
9	EPA 624/624.1	Each target compound is assigned to the closest eluting internal standard.
10	EPA 624/624.1	Initial demonstration of Proficiency • The spiking level for the four replicate initial demonstration of proficiency is 50 µg/L. The acceptance criteria are listed in Table A-2
11	EPA 624/624.1	Initial calibration curve requirements: • Target compounds must have RSD ≤ 35%. • If this requirement can not be met, a regression curve must be constructed for the non-compliant compounds. Then the r^2 was be greater than 0.920.
12	EPA 624/624.1	Continuing calibration verification requirements: • The continuing calibration standard is from the same source as the initial calibration verification standard. The daily CCAL concentration may be 50 µg/L. The acceptance criteria are listed in Table A-2. Matrix Spike and LCS Requirements • The matrix spike and LCS may be spiked at 50 µg/L, prepared from the same source as the calibration and contain all compounds of interest. A matrix spike duplicate is not necessary for this method. The recovery limits for matrix spike and LCS recovery are listed in Table A-2.

Item	Method	Modification
13	EPA 624/624.1	Consistent with the other volatile methods, corrections for recovery are not allowed.
14	EPA 624/624.1	Qualitative Identification – The source method states that the relative intensities of ions should agree to within ±20% between the standard and sample spectra. This SOP uses ±30%. (Example: For an ion with an abundance of 50% in the standard spectra, the corresponding sample abundance must be between 20 and 80 percent.)
15	EPA 624/624.1	Section 5.2.2 of the source method describes the trap packing materials as Tenax GC, Methyl silicone, silica gel and coconut charcoal. Eurofins Denver routinely employs the OI #10 trap which consists of Tenax/Silica Gel/ Carbon Molecular Sieve or the Supelco Vocarb 3000 which consists of Carbopack B, Carbonxen1000 and 1001.
16	EPA 624/624.1	Section 5.3.2 of the source method describes a packed analytical column. Eurofins Denver routinely employs capillary columns when performing this method.
17	EPA 624/624.1	The source method provides a suggested list of compounds for internal and surrogate standards. Others are permitted by the method. Eurofins Denver uses three internal standards, including chlorobenzene-d_5 and 1,4-dichlorobenzene-d_4, which are not listed in Table 3 of the source method. Toluene-d_8 is used as a surrogate compound, which is also not listed in the source method.
18	EPA 624/624.1	The lab is preparing internal standards and surrogates at 50 µg/L and applying the same criteria designed for 30 µg/L in the Method.
19	EPA 624/624.1	Method 624/624.1 describes a mass scan range of 25 to 260 amu. Table 13 lists all of the ions used for analysis. None of the ions are below 35 amu. Therefore, the laboratory scans from 35 to 300 and includes all ions needed for analysis.
20	EPA 624/624.1	Method 624/624.1 describes dilutions “if response of any m/z” exceeds the response for the highest m/z in the ICAL. As the m/z ratio is always directly proportional to the concentration, evaluation based on dilution (per 11.10) is equivalent.
21	EPA 624/624.1	Method 624/624.1 has criteria for unresolved isomers. The problems of isomeric resolution for the routine analytes listed in this SOP were worked through when the laboratory developed its implementation of the method. For example, we know through experience that meta- and para-xylenes will not be resolved and it was not necessary to include an evaluation for the xylenes in each analysis. meta- and para-xylenes are reported as an isomeric pair. Any development work to add compounds would take this into account.
22	624/624.1	The source method recommends Method 603 as the preferred method for Acrolein and Acrylonitrile. Method 624/624.1 is recommended as a screening method (see section 1.2 of Methods 603 and 624/624.1). Calibration and quality control samples indicate that the conditions described in this SOP are suitable for the analysis of Acrolein and Acrylonitrile. EPA’s Method Update Rule (MUR), May 18, 2012, allows the addition of acrolein and acrylonitrile to Method 624/624.1, using the preservation, holding time and QC acceptance criteria from Method 603.

Item	Method	Modification
		As states implement the MUR Method 624/624.1 becomes a determinative method for these two analytes. Until such time, Method 624/624.1 remains a screening method for regulatory compliance.
23	SW846 5035	The source method recommends adding approximately the same amount of the sodium bisulfate preservative as the sample (e.g., ~ 1 g), as the presence of the preservative will affect the purging efficiencies of the analytes. Eurofins Denver does not recommend the use of sodium bisulfate to preserve soil samples, but encourages clients to collect samples using other available methods. The use of this preservative has been shown to cause difficulties recovering more reactive analytes on the purge and trap system (e.g. 2-Chloroethyl vinyl ether, acrylamide). Additionally, sodium bisulfate is not added to standards and lab prepared QC samples.

17.0 Attachments

Table 1.	Eurofins Denver Primary List Reporting Limits for 8260B/C/D
Table 2.	Eurofins Denver 8260 Secondary List Reporting Limits
Table 3.	Eurofins Denver Appendix IX List Reporting Limits
Table 4.	Eurofins Denver Non-Standard Compound List Reporting Limits
Table 5.	Soil Calibration Levels, 5-gram Purge (µg/Kg) (Standard Mixes: MV-MegaMainA and MV-Gas A)
Table 5A.	Soil Calibration Levels, 5 gram Purge (µg/Kg) (Standards: MV-Supp A and Freon_A)
Table 6.	Water 8260 List Calibration Levels (µg/L) (Standards: MV-MegaMainA and MV-Gas A)
Table 6A	Water 8260 List Calibration Levels (µg/L) (Standards: MV-Supp A and Freon_A)
Table 7.	Medium Level Soil 8260 List Calibration Levels (µg/Kg) (Standards: MV-MegaMainA and MV-Gas A)
Table 7A.	Medium Level Soil 8260 List Calibration Levels (µg/Kg) (Standards: MV-Supp A and Freon_A)
Table8.	Manually added Internal Standards
Table 8A.	Automatically Added Internal Standards
Table 9.	Manually Added Surrogate Standards
Table 9A.	Automatically Added Surrogate Standards
Table 10.7	BFB Key Ion Abundance Criteria
Table 11.	SPCC Compounds and Minimum Response Factors
Table 12.	CCC Compounds
Table 13.	Characteristic Ions
Table 14.	State of Arizona ICV/CCV Quality Control Limits
Table 15.	List 1 Poorly Performing Compounds
Table A-1.	Method 624/624.1 Analytes and Reporting Limits, 5-mL Purge
Table A-2.	Method 624/624.1 QC Acceptance Criteria
Table 5A.	Calibration Levels for 624/624.1/624/624.1.1, 5 mL Purge
Table 17.	Associated Surrogates and Internal Standards for 8260B/C/D
Table 18	Recommended and Lab defined minimum response factors for 8260C(D)
Appendix A	Modifications for Analysis of Soils Collected for the State of Alaska

18.0 Revision History

This section has been added beginning with Revision 0. Only details of the last 3 revisions are incorporated into this SOP. Prior revisions are documented in the QA files and available upon request.

- Revision 31, dated 15 September 2023
    - Revised table section 8 hold time and preservation table for accuracy
    - Revised section 10.6.5.3 to remove references to gas tight syringes and add the usage of water re-pipettorsListed differences for 8260C_Alt samples into an Appendix B section
    - Removed references to 5030C prep
    - Revision 30, dated 28 July 2023Revised for grammar and language throughout
    - Added DOD requirements for internal standard RT acceptance windows in section 10.6.10.3
    - Listed differences for 8260C_Alt samples into an Appendix B section Removed references to 5030C prep

- Revision 30, dated 28 July 2023
    - Revised for grammar and language throughout
    - Added DOD requirements for internal standard RT acceptance windows in section 10.6.10.3
    - Listed differences for 8260C_Alt samples into an Appendix B section
    - Removed references to 5030C prep

Table 1. Eurofins Denver Primary List Reporting Limits for 8260B/C/D

Compound	CAS Number	Reporting Limits[1]		
		5 mL Water(µg/L)	Low Soil (µg/kg)	Med Soil (µg/kg)
Dichlorodifluoromethane	75-71-8	2	10	500
Chloromethane	74-87-3	2	10	500
Bromomethane	74-83-9	5	10	500
Vinyl chloride	75-01-4	1	5	250
Chloroethane	75-00-3	2	10	500
Trichlorofluoromethane	75-69-4	2	10	500
Acrolein	107-02-8	20	50	2,500
Acetone	67-64-1	4	20	1,000
Trichlorotrifluoroethane (1,1,2-Trichloro-1,2,2-trifluoroethane)	76-13-1	2	20	1,000
Ethanol	64-17-5	300	600	30,000
Iodomethane	74-88-4	5	5	250
Carbon disulfide	75-15-0	2	5	250
Methylene chloride	75-09-2	1	5	250
tert-Butyl alcohol (2-methyl-2-propanol, TBA)	75-65-0	50	200	10,000
1,1-Dichloroethene	75-35-4	1	5	250
1,1-Dichloroethane	75-34-3	1	5	250
trans-1,2-Dichloroethene	156-60-5	1	2.5	125
Acrylonitrile	107-13-1	20	50	2,500
Methyl *tert*-butyl ether (MTBE)	1634-04-4	5	5	250
Hexane	110-54-3	2	5	250
cis-1,2-Dichloroethene	156-59-2	1	2.5	125
1,2-Dichloroethene (Total)	540-59-0	1	5	250
Tetrahydrofuran	109-99-9	4	20	1,000
Chloroform	67-66-3	1	5	250
1,2-Dichloroethane	107-06-2	1	5	250
Dibromomethane	74-95-3	1	5	250
2-Butanone (MEK)	78-93-3	4	20	1,000
1,4-Dioxane	123-91-1	20	500	25,000
1,1,1-Trichloroethane	71-55-6	1	5	250
Carbon tetrachloride	56-23-5	1	5	250
Bromodichloromethane	75-27-4	1	5	250
1,2-Dichloropropane	78-87-5	1	5	250

Table 1. Eurofins Denver Primary List Reporting Limits for 8260B/C/D (continued)

Compound	CAS Number	Reporting Limits[1]		
		5 mL Water(µg/L)	Low Soil (µg/kg)	Med Soil (µg/kg)
cis-1,3-Dichloropropene	10061-01-5	1	5	250
Trichloroethene	79-01-6	1	5	250
Dibromochloromethane	124-48-1	1	5	250
1,2-Dibromoethane (EDB)	106-93-4	1	5	250
1,2,3-Trichloropropane	96-18-4	2.5	5	250
1,1,2-Trichloroethane	79-00-5	1	5	250
Benzene	71-43-2	1	5	250
Ethyl Methacrylate	97-63-2	3	5	250
trans-1,3-Dichloropropene	10061-02-6	2	5	250
Bromoform	75-25-2	2	5	250
4-Methyl-2-pentanone (MIBK)	108-10-1	4	20	1,000
2-Hexanone (MBK)	591-78-6	4	20	1,000
Tetrachloroethene	127-18-4	1	5	250
Toluene	108-88-3	1	5	250
1,1,2,2-Tetrachloroethane	79-34-5	1	5	250
2-Chloroethyl vinyl ether[2]	110-75-8	3[2]	50	2,500
Vinyl acetate	108-05-4	3	10	500
Chlorobenzene	108-90-7	1	5	250
Ethylbenzene	100-41-4	1	5	250
Styrene	100-42-5	1	5	250
trans-1,4-Dichloro-2-butene	110-57-6	3	5	250
m- and p-Xylenes	179601-23-1	2	5	250
o-xylene	95-47-6	1	2.5	125
Total xylenes	1330-20-7	1	10	250
1,3-Dichlorobenzene	541-73-1	1	5	250
1,4-Dichlorobenzene	106-46-7	1	5	250
1,2-Dichlorobenzene	95-50-1	1	5	250

1 Reporting limits listed for soil/sediment are based on wet weight. The reporting limits calculated by the laboratory for soil/sediment, calculated on dry weight basis, will be higher.

2 2-Chloroethylvinyl ether cannot be reliably recovered from acid preserved samples

3 8260C_Alt reporting limits for all compounds is 0.5ug/L

Table 2. Eurofins Denver 8260 Secondary List Reporting Limits

Compound	CAS Number	Reporting Limits[1]		
		5 mL Water µg/L	Low Soil µg/kg	Medium Soil µg/kg
2,2-Dichloropropane	590-20-7	1	5	250
Bromochloromethane	74-97-5	1	5	250
1,1-Dichloropropene	563-58-6	1	5	250
1,3-Dichloropropane	142-28-9	1	5	250
1-Chlorohexane	544-10-5	1	5	500
1,1,1,2-Tetrachloroethane	630-20-6	1	5	250
Isopropylbenzene	98-82-8	1	5	250
Bromobenzene	108-86-1	1	5	250
n-Propylbenzene	103-65-1	1	5	250
2-Chlorotoluene	95-49-8	1	5	250
4-Chlorotoluene	106-43-4	1	5	250
1,3,5-Trimethylbenzene	108-67-8	1	5	250
tert-Butylbenzene	98-06-6	1	5	250
1,2,4-Trimethylbenzene	95-63-6	1	5	250
sec-Butylbenzene	135-98-8	1	5	250
4-Isopropyltoluene (Cumene)	99-87-6	1	5	250
n-Butylbenzene	104-51-8	1	5	250
1,2-Dibromo-3-chloropropane	96-12-8	5	5	250
1,2,4-Trichlorobenzene	120-82-1	1	5	250
Naphthalene	91-20-3	2	5	500
Hexachlorobutadiene	87-68-3	1	5	250
1,2,3-Trichlorobenzene	87-61-6	2	5	250
2-Pentanone	107-87-9	6	10	500
cis-1,4-Dichloro-2-butene	1476-11-5	10	5	250

Table 3. Eurofins Denver Appendix IX List Reporting Limits

Compound	CAS Number	Reporting Limits[1]		
		5 mL Water µg/L	Low Soil µg/kg	Medium Soil µg/kg
Allyl Chloride (3-Chloro-1-propene)	107-05-1	2	10	500
Acetonitrile	75-05-8	30	100	5,000
Dichlorofluoromethane	75-43-4	2	10	25,000
Isopropyl ether (Di-isopropyl ether	108-20-3	10	50	2,500
Chloroprene (2-Chloro-1,3-butadiene)	126-99-8	3	5	500
n-Butanol (n-Butyl Alcohol)	71-36-3	60	200	10,000
Propionitrile	107-12-0	20	50	1,000
Methacrylonitrile	126-98-7	15	50	2,500
Isobutyl alcohol (2-methyl-1-propanol)	78-83-1	110	200	10,000
Methyl methacrylate	80-62-6	4	5	250
1,1,1,2-Tetrachloroethane	630-20-6	1	5	250
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	5	10	500
Ethyl ether (Diethyl ether)	60-29-7	2	10	500
Ethyl Acetate	141-78-6	5	10	500
2-Nitropropane	79-46-9	5	10	500
Cyclohexanone[2]	108-94-1	N/A[2]	N/A[2]	N/A[2]
Isopropylbenzene	98-82-8	1	5	250

[1] Reporting limits listed for soil/sediment are based on wet weight. The reporting limits calculated by the laboratory for soil/sediment, calculated on dry weight basis, will be higher.
[2] Cyclohexanone decomposes to 1,1-dimethoxycyclohexane in methanolic solution. Reporting limits cannot be accurately determined.
[3] 8260C_Alt reporting limits for all compounds is 0.5ug/L

Table 4. Eurofins Denver Non-Standard List Reporting Limits for 8260B/C/D

Compound	CAS Number	Reporting Limits[1]		
		5 mL Water(µg/L)	Low Soil (µg/kg)	Med Soil (µg/kg)
1,2,3-Trimethylbenzene	526-73-8	2.0	5.0	250
1,2-dichloro-4-(trifluoromethyl)-benzene [3]	328-84-7	1.0	5.0	250
1,3-Dibromobezene [3]	108-36-1	1.0	5.0	250
1,3,5-Trichlorobenzene	108-70-3	1.0	5.0	250
1,4-Dibromobenzene [3]	106-36-1	1.0	5.0	250
1-Bromo-2-chloroethane [3]	107-04-0	1.0	5.0	250
4-Bromofluorobenzene [3]	460-00-4	2	5.0	250
4-Chlorobenzotrifluoride [3]	98-56-6	1.0	5.0	250
1-bromo-3-Fluorobenzene [3]	1073-06-9	1.0	5.0	250
1-bromo-4-Ethylbenzene [3]	1586-07-5	5	5.0	250
Fluorobenzene [3]	462-06-6	1.0	5.0	250
Cyclohexane	110-82-7	2.0	5.0	250
Isopropyl Alcohol	67-63-0	40	200	10,000
Methyl Acetate	79-20-9	5.0	10	1000
Methylcyclohexane	108-87-2	1.0	5.0	250
n-Heptane	142-82-5	5.00	***	***
Pentachloroethane[2]	76-01-7	0.5	***	***
Sec-Butyl Alcohol	78-92-2	60	200	***
Tert-amyl methyl ether (TAME)	994-05-8	5	5.0	1000
Ethyl-tert butyl ether (ETBE)	637-92-3	5	5.0	1000

[1] Reporting limits listed for soil/sediment are based on wet weight. The reporting limits calculated by the laboratory for soil/sediment, calculated on dry weight basis, will be higher

[2] Due to breakdown, QC and samples being analyzed for Pentachlroethane must be preserved with acid (pH<2)

[3] Custom method limit group compound

Calibration levels:
Table 5. 8260B/C/D Soil-5mL Purge, Aqueous-5mL purge 624/624.1[1] and 8260C/D water (Standard Mixes: MV-MegaMainA and MV-Gas A)

Compound	Calibration Level, µg/Kg							
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	
1,1,1,2-Tetrachloroethane	0.5	1	2	10	50	100	200	
1,1,1-Trichloroethane	0.5	1	2	10	50	100	200	
1,1,2,2-Tetrachloroethane	0.5	1	2	10	50	100	200	
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.5	1	2	10	50	100	200	
1,1,2-Trichloroethane	0.5	1	2	10	50	100	200	
1,1-Dichloroethane	0.5	1	2	10	50	100	200	
1,1-Dichloroethene	0.5	1	2	10	50	100	200	
1,1-Dichloropropene	0.5	1	2	10	50	100	200	
1,2,3-Trichlorobenzene	0.5	1	2	10	50	100	200	
1,2,3-Trichloropropane	0.5	1	2	10	50	100	200	
1,2,4-Trichlorobenzene	0.5	1	2	10	50	100	200	
1,2,4-Trimethylbenzene	0.5	1	2	10	50	100	200	
1,2-Dibromo-3-chloropropane	0.5	1	2	10	50	100	200	
1,2-Dichlorobenzene	0.5	1	2	10	50	100	200	
1,2-Dichloroethane	0.5	1	2	10	50	100	200	
1,2-Dichloropropane	0.5	1	2	10	50	100	200	
1,3,5-Trimethylbenzene	0.5	1	2	10	50	100	200	
1,3-Dichlorobenzene	0.5	1	2	10	50	100	200	
1,3-Dichloropropane	0.5	1	2	10	50	100	200	
1,4-Dichlorobenzene	0.5	1	2	10	50	100	200	
1,4-Dioxane	10	20	40	200	1,000	2,000	4,000	
1-Chlorohexane	0.5	1	2	10	50	100	200	
2-Chloroethyl vinyl ether	0.5	1	2	10	50	100	200	
2,2-Dichloropropane	0.5	1	2	10	50	100	200	
2-Butanone	2	4	8	40	200	400	800	
2-Chlorotoluene	0.5	1	2	10	50	100	200	
2-Hexanone	2	4	8	40	200	400	800	
2-Pentanone	2	4	8	40	200	400	800	
3-Chloro-1-propene (Allyl Chloride	0.5	1	2	10	50	100	200	
4-Chlorotoluene		1	2	10	50	100	200	
4-Isopropyltoluene		1	2	10	50	100	200	
4-Methyl-2-pentanone		4	8	40	200	400	800	
Acetone	2	4	8	40	200	400	800	

Calibration levels: Table 5. 8260B/C/D Soil-5mL Purge, Aqueous-5mL purge 624/624.1[1] and 8260C/D water (Standard Mixes: MV-MegaMainA and MV-Gas A)								
Compound	**Calibration Level, µg/Kg**							
	Level 1	**Level 2**	**Level 3**	**Level 4**	**Level 5**	**Level 6**	**Level 7**	
Acrolein	5	10	20	100	500	1,000	2,000	
Acrylonitrile	5	10	20	100	500	1,000	2,000	
Benzene	0.5	1	2	10	50	100	200	
Bromobenzene	0.5	1	2	10	50	100	200	
Bromoform	0.5	1	2	10	50	100	200	
Bromomethane	0.5	1	2	10	50	100	200	
Carbon Disulfide	0.5	1	2	10	50	100	200	
Carbon tetrachloride	0.5	1	2	10	50	100	200	
Chlorobenzene	0.5	1	2	10	50	100	200	
Chlorobromomethane	0.5	1	2	10	50	100	200	
Chloroethane	0.5	1	2	10	50	100	200	
Chloroform	0.5	1	2	10	50	100	200	
Chloromethane	0.5	1	2	10	50	100	200	
cis-1,2-Dichloroethene	0.5	1	2	10	50	100	200	
cis-1,3-Dichloropropene	0.5	1	2	10	50	100	200	
Cyclohexane	0.5	1	2	10	50	100	200	
Cyclohexanone	20	40	80	400	2,000	4,000	8,000	
Chlorodibromomethane	0.5	1	2	10	50	100	200	
Dibromomethane	0.5	1	2	10	50	100	200	
Dichlorobromomethane	0.5	1	2	10	50	100	200	
Dichlorofluoromethane	0.5	1	2	10	50	100	200	
Dichlorodifluoromethane	0.5	1	2	10	50	100	200	
Ethylbenzene	0.5	1	2	10	50	100	200	
Ethyl Ether	0.5	1	2	10	50	100	200	
Ethyl methacrylate	0.5	1	2	10	50	100	200	
Ethylene dibromide	0.5	1	2	10	50	100	200	
Hexachlorobutadiene	0.5	1	2	10	50	100	200	
Hexane	0.5	1	2	10	50	100	200	
Iodomethane	0.5	1	2	10	50	100	200	
Isobutyl alcohol	12.5	25	50	250	1,250	2,500	5,000	
Isopropylbenzene	0.5	1	2	10	50	100	200	
m- and p-Xylenes	0.5	1	2	10	50	100	200	
Methyl Acetate	2.5	5	10	50	250	500	1,000	
Methylcyclohexane	0.5	1	2	10	50	100	200	

Calibration levels:
Table 5. 8260B/C/D Soil-5mL Purge, Aqueous-5mL purge 624/624.1[1] and 8260C/D water (Standard Mixes: MV-MegaMainA and MV-Gas A)

Compound	Calibration Level, µg/Kg							
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	
Methylene chloride	0.5	1	2	10	50	100	200	
Methyl tert-butyl ether (MTBE)	0.5	1	2	10	50	100	200	
Naphthalene	0.5	1	2	10	50	100	200	
n-Butylbenzene	0.5	1	2	10	50	100	200	
n-Propylbenzene	0.5	1	2	10	50	100	200	
o-Xylene	0.5	1	2	10	50	100	200	
sec-Butylbenzene	0.5	1	2	10	50	100	200	
sec- Butyl Alcohol	15	30	60	300	1,500	3,000	6,000	
Styrene	0.5	1	2	10	50	100	200	
2-Methyl-2-propanol (tert-Butyl alcohol)	5	10	20	100	500	1,000	2,000	
tert-Butylbenzene	0.5	1	2	10	50	100	200	
Tetrachloroethene	0.5	1	2	10	50	100	200	
Tetrahydrofuran	1	2	4	20	100	200	400	
Toluene	0.5	1	2	10	50	100	200	
trans-1,2-Dichloroethene	0.5	1	2	10	50	100	200	
trans-1,3-Dichloropropene	0.5	1	2	10	50	100	200	
trans-1,4-Dichloro-2-butene	0.5	1	2	10	50	100	200	
Trichloroethene	0.5	1	2	10	50	100	200	
Trichlorofluoroethane	0.5	1	2	10	50	100	200	
Vinyl Acetate	0.5	2	4	20	100	200	400	
Vinyl chloride	0.5	1	2	10	50	100	200	

[1]Standards are spiked at all levels. A minimum of 5 points are used for each calibration model. Low points below the RL are routinely dropped and the high point might also be dropped for some analytes. Additional or other levels can be prepared and used

NOTE: The lab has the option to either calibrate the surrogates at the same concentrations as the other analytes or to run at least 5 replicates of the surrogates at the same concentration.

Calibration levels:

Table 5A: 8260B/C/D Soil-5mL Purge, Aqueous-5mL purge 624/624.1[1] and 8260C/D water and soil-5mL purge

(Standards: MV-Supp A and Freon_A)

Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7
1,1,1-Trifluoro-2,2-dichloro-ethane	2	5	10	20	50	100	200
1,2,3-Trimethylbenzene	2	5	10	20	50	100	200
1,2-Dichloro-1,1,2,2-tetrafluroethane	2	5	10	20	50	100	200
1,2-Dichloro-1,1,2-trifluoroethane	2	5	10	20	50	100	200
2-Chloro-1,1,1-Trifluoroethane	2	5	10	20	50	100	200
2-Chloro-1,3-butadiene (Chloroprene)	2	5	10	20	50	100	200
2-Nitropropane	4	10	20	40	100	200	400
Acetonitrile	20	50	100	200	500	1,000	2,000
cis-1,4-Dichloro-2-butene	2	5	10	20	50	100	200
Chlorotrifluoroethene	2	5	10	20	50	100	200
Ethanol	120	300	600	1200	3000	6,000	12,000
Ethyl Acetate	4	10	20	40	100	200	400
Ethylene Oxide	400	1,000	2,000	4,000	10,000	20,000	40,000
Isopropyl alcohol	20	50	100	200	500	1,000	2,000
Isopropyl ether	2	5	10	20	50	100	200
Methylacrylonitrile	20	50	100	200	500	1,000	2,000
Methyl methacrylate	4	10	20	40	100	200	400
n-Butanol	50	125	250	500	1,250	2,500	5,000
Propene Oxide	100	250	500	1,000	2,500	5,000	10,000
Propionitrile	20	50	100	200	500	1,000	2,000
tert-Amyl methyl ether	2	5	10	20	50	100	200
tert-Butyl ethyl ether	2	5	10	20	50	100	200
Tetrahydrothiophene	2	5	10	20	50	100	200

[1]Standards are spiked at all levels. A minimum of 5 points are used for each calibration model. Low points below the RL are routinely dropped and the high point might also be dropped for some analytes.

NOTE: The lab has the option to either calibrate the surrogates at the same concentrations as the other analytes or to run at least 5 replicates of the surrogates at the same concentration.

Table 6: Water 8260B/C/D-20mL purge List Calibration Levels (µg/L)[1]
(Standards: MV-MegaMain A and MV-Gas A)

Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7
1,1,1,2-Tetrachloroethane	0.5	1.0	2.0	5.0	10	25	60
1,1,1-Trichloroethane	0.5*	1.0	2.0	5.0	10	25	60
1,1,2,2-Tetrachloroethane	0.5	1.0	2.0	5.0	10	25	60
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.5*	1.0	2.0	5.0	10	25	60
1,1,2-Trichloroethane	0.5*	1.0	2.0	5.0	10	25	60
1,1-Dichloroethane	0.5*	1.0	2.0	5.0	10	25	60
1,1-Dichloroethene	0.5*	1.0	2.0	5.0	10	25	60
1,1-Dichloropropene	0.5*	1.0	2.0	5.0	10	25	60
1,2,3-Trichlorobenzene	0.5*	1.0	2.0	5.0	10	25	60
1,2,3-Trichloropropane	0.5*	1.0	2.0	5.0	10	25	60
1,2,4-Trichlorobenzene	0.5*	1.0	2.0	5.0	10	25	60
1,2,4-Trimethylbenzene	0.5*	1.0	2.0	5.0	10	25	60
1,2-Dibromo-3-chloropropane	0.5*	1.0	2.0	5.0	10	25	60
1,2-Dichlorobenzene	0.5*	1.0	2.0	5.0	10	25	60
1,2-Dichloroethane	0.5	1.0	2.0	5.0	10	25	60
1,2-Dichloropropane	0.5*	1.0	2.0	5.0	10	25	60
1,3,5-Trimethylbenzene	0.5*	1.0	2.0	5.0	10	25	60
1,3-Dichlorobenzene	0.5*	1.0	2.0	5.0	10	25	60
1,3-Dichloropropane	0.5	1.0	2.0	5.0	10	25	60
1,4-Dichlorobenzene	0.5	1.0	2.0	5.0	10	25	60
1,4-Dioxane	10*	20	40	100	200	600	1,200
1-Chlorohexane	0.5*	1.0	2.0	5.0	10	25	60
2-Chloroethyl vinyl ether	0.5*	1.0*	2.0	5.0	10	25	60
2,2-Dichloropropane	0.5*	1.0	2.0	5.0	10	25	60
2-Butanone (MEK)	2.0*	4.0	8.0	20	40	120	240
2-Chlorotoluene	0.5*	1.0	2.0	5.0	10	25	60
2-Hexanone	2.0*	4.0	8.0	20	40	120	240
2-Pentanone	2.0*	4.0	8.0	20	40	120	240
3-Chloro-1-propene (Allyl Chloride)	0.5*	1.0	2.0	5.0	10	25	60
2-Methyl-2-propanol (tert-Butyl alcohol)	5.0*	10	20	50	100	250	600
4-Chlorotoluene	0.5*	1.0	2.0	5.0	10	25	60
4-Isopropyltoluene	0.5*	1.0	2.0	5.0	10	25	60
4-Methyl-2-pentanone	2.0*	4.0	8.0	20	40	120	240
Acetone	2.0*	4.0*	8.0	20	40	120	240
Acrolein	5.0*	10	20	50	100	250	600

Table 6: Water 8260B/C/D-20mL purge List Calibration Levels (µg/L)[1]
(Standards: MV-MegaMain A and MV-Gas A)

Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7
Acrylonitrile	5.0*	10	20	50	100	250	600
Benzene	0.5	1.0	2.0	5.0	10	25	60
Bromobenzene	0.5*	1.0	2.0	5.0	10	25	60
Bromoform	0.5*	1.0	2.0	5.0	10	25	60
Bromomethane	0.5*	1.0	2.0	5.0	10	25	60
Carbon Disulfide	0.5*	1.0*	2.0	5.0	10	25	60
Carbon tetrachloride	0.5	1.0	2.0	5.0	10	25	60
Chlorobenzene	0.5	1.0	2.0	5.0	10	25	60
Chlorobromomethane	0.5*	1.0	2.0	5.0	10	25	60
Chlorodibromomethane	0.5	1.0	2.0	5.0	10	25	60
Chloroethane	0.5*	1.0*	2.0	5.0	10	25	60
Chloroform	0.5	1.0	2.0	5.0	10	25	60
Chloromethane	0.5*	1.0*	2.0	5.0	10	25	60
cis-1,2-Dichloroethene	0.5*	1.0	2.0	5.0	10	25	60
cis-1,3-Dichloropropene	0.5	1.0	2.0	5.0	10	25	60
Cyclohexane	0.5*	1.0	2.0	5.0	10	25	60
Cyclohexanone	20*	40	80	200	400	1,200	2,400
Dibromomethane	0.5*	1.0	2.0	5.0	10	25	60
Dichlorobromomethane	0.5	1.0	2.0	5.0	10	25	60
Dichlorofluoromethane	0.5*	1.0	2.0	5.0	10	25	60
Dichlorodifluoromethane	0.5*	1.0*	2.0	5.0	10	25	60
Ethylbenzene	0.5*	1.0	2.0	5.0	10	25	60
Ethyl Ether	0.5*	1.0	2.0	5.0	10	25	60
Ethyl methacrylate	0.5*	1.0	2.0	5.0	10	25	60
Ethylene dibromide (EDB)	0.5*	1.0	2.0	5.0	10	25	60
Hexachlorobutadiene	0.5	1.0	2.0	5.0	10	25	60
Hexane	0.5*	1.0	2.0	5.0	10	25	60
Iodomethane	0.5*	1.0	2.0	5.0	10	25	60
Isobutyl alcohol	12.5*	25	50	125	250	750	1,500
Isopropylbenzene	0.5*	1.0	2.0	5.0	10	25	60
m and p Xylenes	0.5*	1.0	2.0	5.0	10	25	60
Methyl Acetate	1.0*	5.0	10	25	50	150	300
Methylcyclohexane	0.5*	1.0	2.0	5.0	10	25	60
Methylene chloride	0.5*	1.0	2.0	5.0	10	25	60
Methyl tert-butyl ether (MTBE)	0.5*	1.0	2.0	5.0	10	25	60

Table 6: Water 8260B/C/D-20mL purge List Calibration Levels (µg/L)[1]
(Standards: MV-MegaMain A and MV-Gas A)

Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7
Naphthalene	0.5*	1.0	2.0	5.0	10	25	60
n-Butylbenzene	0.5*	1.0	2.0	5.0	10	25	60
n-Propylbenzene	0.5*	1.0	2.0	5.0	10	25	60
o-Xylene	0.5*	1.0	2.0	5.0	10	25	60
sec-Butylbenzene	0.5*	1.0	2.0	5.0	10	25	60
sec-Butyl Alcohol	15*	30	60	150	300	900	1,800
Styrene	0.5*	1.0	2.0	5.0	10	25	60
tert-Butylbenzene	0.5*	1.0	2.0	5.0	10	25	60
Tetrachloroethene	0.5*	1.0	2.0	5.0	10	25	60
Tetrahydrofuran	0.6*	2.0	4.0	10	20	60	120
Toluene	0.5*	1.0	2.0	5.0	10	25	60
trans-1,2-Dichloroethene	0.5*	1.0	2.0	5.0	10	25	60
trans-1,3-Dichloropropene	0.5*	1.0	2.0	5.0	10	25	60
trans-1,4-Dichloro-2-butene	0.5*	1.0	2.0	5.0	10	25	60
Trichloroethene	0.5*	1.0	2.0	5.0	10	25	60
Trichlorofluoromethane	0.5*	1.0*	2.0	5.0	10	25	60
Vinyl Acetate	1.0*	2.0	4.0	10	20	60	120
Vinyl chloride	0.5	1.0	2.0	5.0	10	25	60

[1]Standards are spiked at all levels. A minimum of 5 points are used for each calibration model. Low points below the RL are routinely dropped and the high point might also be dropped for some analytes.
* These compounds are not routinely used at this concentration of the calibration.
NOTE: The lab has the option to either calibrate the surrogates at the same concentrations as the other analytes or to run at least 5 replicates of the surrogates at the same concentration.

Table 6A: Water 8260B/C/D-20mL purge List Calibration Levels (µg/L)[1]
(Standards: MV-Supp A and Freon_A)

Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
1,1,1-Trifluoro-2,2-dichloroethane	1.0	2.0	5.0	10	25	60
1,2,3-Trimethylbenzene	1.0	2.0	5.0	10	25	60
1,2-Dichloro-1,1,2,2-tetrafluoroethane	1.0	2.0	5.0	10	25	60
1,2-Dichloro-1,1,2-trifluoroethane	1.0	2.0	5.0	10	25	60
2-Chloro-1,1,1-Trifluoroethane	1.0	2.0	5.0	10	25	60
2-Chloro-1,3-butadiene (Chloroprene)	1.0	2.0	5.0	10	25	60
2-Nitropropane	1.0	2.0	5.0	10	25	60
Acetonitrile	10	20	50	100	250	600
cis-1,4-dichloro-2-butene	1.0	2.0	5.0	10	25	60
Chlorotrifluoroethene	1.0	2.0	5.0	10	25	60
Ethanol	60	120	300	600	1,800	3,600
Ethyl acetate	2.0	4.0	10	20	60	120
Ethylene oxide	200	400	1,000	2,000	6,000	12,000
Isopropyl Alcohol	10	20	50	100	250	600
Isopropyl Ether	1.0	2.0	5.0	10	25	60
Methylacrylonitrile	10	20	50	100	250	600
Methyl methacrylate	2.0	4.0	8.0	20	60	120
n-Butanol	25	50	125	250	750	1,000
Propene oxide	50	100	250	500	1,500	3,000
Propionitrile	10	20	50	100	250	600
tert-Amyl methyl ether	1.0	2.0	5.0	10	25	60
tert-Butyl ethyl ether	1.0	2.0	5.0	10	25	60
Tetrahydrothiophene	1.0	2.0	5.0	10	25	60
1,2-Dichloroethane-d4 (surr)	1.0*	2.0	5.0	10	25	60
Toluene-d8 (surr)	1.0*	2.0	5.0	10	25	60
4-Bromofluorobenzene (surr)	1.0*	2.0	5.0	10	25	60
Dibromofluoromethane (surr)	1.0*	2.0	5.0	10	25	60

[1]Standards are spiked at all levels. A minimum of 5 points are used for each calibration model. Low points below the RL are routinely dropped and the high point might also be dropped for some analytes.
* These compounds are not routinely used at this concentration of the calibration.
NOTE: The lab has the option to either calibrate the surrogates at the same concentrations as the other analytes or to run at least 5 replicates of the surrogates at the same concentration.

Table 8. Manually added Internal Standards

Internal Standard	Standard Concentration (µg/mL)	Quantitation Ion
Fluorobenzene	50	96
Chlorobenzene-d_5	50	119
1,4-Dichlorobenzene-d_4	50	152
Pentafluorobenzene	50	168

NOTES:

1) 5 µL of the internal standard is added to the sample. This results in a concentration of each internal standard in the sample at 50 µg/L for a 5 mL purge.
2) The surrogate and internal standards may be combined in one solution.
3) Pentafluorobenzene used in place of Fluorobenzene when Fluorobenzene is a target analyte

Table 8A. Automatically Added Internal Standards

Internal Standard	Standard Concentration (µg/mL)	Quantitation Ion
Fluorobenzene	50	96
Chlorobenzene-d_5	50	119
1,4-Dichlorobenzene-d_4	50	152
Pentafluorobenzene	50	168

NOTES:

1) 5 µL of the internal standard is added to the sample. This results in a concentration of each internal standard in the sample at 50 µg/L for a 5 mL purge. For 8260C_Alt samples, 1uL of IS is added for a 10 ug/L concentration in 5mL purge volume.
2) Pentafluorobenzene used in place of Fluorobenzene when Fluorobenzene is a target analyte

Table 9. Manually Added Surrogate Standards

Surrogate Compounds	Standard Concentration (µg/mL)
1,2-Dichloroethane-d_4	50
Dibromofluoromethane	50
Toluene-d_8	50
4-Bromofluorobenzene	50
1,2-Dichlorobenzene-d4	50

NOTES:

1) 5 µL of the surrogate standard is added to the sample. This results in a concentration of each surrogate in the sample at 50 µg/L for a 5 mL purge. For 8260C_Alt samples, 1uL of surrogates is added for a 10 ug/L concentration in 5mL purge volume
2) The surrogate and internal standards may be combined in one solution.
3) Recovery limits for surrogates are generated from historical data and are maintained by the QA department.
4) 1,2-Dichlorobenzene-d4 used only in a custom method limit group for specific clients

Table 9A. Automatically Added Surrogate Standards

Surrogate Compounds	Standard Concentration (µg/mL)
1,2-Dichloroethane-d_4	50
Dibromofluoromethane	50
Toluene-d_8	50
4-Bromofluorobenzene	50
1,2-Dichlorobenzene-d4	50

NOTES:

1) 5 µL of the surrogate standard is added to the sample. This results in a concentration of each surrogate in the sample at 50 µg/L for a 5 mL purge.
2) There may be some variability in the size of the surrogate standard loop from one instrument to the next. This is compensated for on the day of initial calibration by comparing the manually added and automatically added surrogate standard concentrations.
3) Recovery limits for surrogates are generated from historical data and are maintained by the QA department.
4) 1,2-Dichlorobenzene-d4 used only in a custom method limit group for specific clients

Table 10. BFB Key Ion Abundance Criteria

Mass	Ion Abundance Criteria
50	15 to 40 % of Mass 95
75	30 to 60 % of Mass 95
95	Base Peak, 100 % Relative Abundance
96	5 to 9 % of Mass 95
173	Less than 2 % of Mass 174
174	Greater than 50 % of Mass 95
175	5 to 9 % of Mass 174
176	Greater than 95 %, but less than 101 % of Mass 174
177	5 to 9 % of Mass 176

Table 11. SPCC Compounds and Minimum Response Factors

Compound	8260B Min. RF
Chloromethane	0.100
1,1-Dichloroethane	0.100
Bromoform	> 0.100
1,1,2,2-Tetrachloroethane	0.300
Chlorobenzene	0.300

Table 12. CCC Compounds

Compound	Max. %RSD from Initial Calibration	Max. %D for continuing calibration
Vinyl Chloride	≤ 30.0	≤ 20.0
1,1-Dichloroethene	≤ 30.0	≤ 20.0
Chloroform	≤ 30.0	≤ 20.0
1,2-Dichloropropane	≤ 30.0	≤ 20.0
Toluene	≤ 30.0	≤ 20.0
Ethylbenzene	≤ 30.0	≤ 20.0

Table 13. Characteristic Ions

Compound	Primary*	Secondary	Tertiary
1,2-Dichloroethane-d_4 (Surrogate)	65	102	--
Dichlorodifluoromethane	85	87	50, 101,103
Dibromofluoromethane	111	113	--
Chloromethane	50	52	49
Vinyl chloride	62	64	61
Bromomethane	94	96	79
Chloroethane	64	66	49
Trichlorofluoromethane	101	103	66
1,1-Dichloroethene	96	61	98
Acrolein	56	55	58
Iodomethane	142	127	141
Carbon disulfide	76	78	--
Trichlorotrifluoroethane (1,1,2-Trichloro-1,1,2-trifluoroethane)	151	101	153
Ethanol	45	46	--
Acetone	43	58	--
Methylene chloride	84	49	51, 86
Tert-Butyl alcohol	59	74	--
Trans-1,2-Dichloroethene	96	61	98
Acrylonitrile	53	52	51
Methyl-*tert*-butyl ether	73	41	57
Hexane	57	43	--
1,1-Dichloroethane	63	65	83
cis-1,2-Dichloroethene	96	61	98
2-Butanone	43	72**	--
Tetrahydrofuran	42	71	--
Chloroform	83	85	47
1,2-Dichloroethane	62	64	98
Dibromomethane	93	174	95, 172, 176
1,4-Dioxane	88	58	--
Vinyl acetate	43	86	--
1,1,1-Trichloroethane	97	99	117
Carbon tetrachloride	117	119	121

Table 13. Characteristic Ions (cont.)

Compound	Primary*	Secondary	Tertiary
Benzene	78	52	77
Trichloroethene	95	130***	97, 132
1,2-Dichloropropane	63	65	41
Bromodichloromethane	83	85	129
2-Chloroethyl vinyl ether	63	65	106
cis-1,3-Dichloropropene	75	77	39
trans-1,3-Dichloropropene	75	77	39
1,1,2-Trichloroethane	97	83	85, 99
Chlorodibromomethane	129	127	131
Bromoform	173	171	175, 252
1,2,3-Trichloropropane	75	110	77, 112, 97
Toluene-d_8 (Surrogate)	98	70	100
4-Bromofluorobenzene (Surrogate)	95	174	176
Toluene	91	92	65
4-Methyl-2-pentanone	43	58	57, 100
Tetrachloroethene	164	166	131
Ethyl methacrylate	69	41	99, 86, 114
2-Hexanone	43	58	57, 100
Chlorobenzene	112	114	77
Ethylbenzene	106	91	--
Xylenes	106	91	--
Styrene	104	103	78, 51, 77
Dichlorobenzene (all isomers)	146	148	111
Trans 1,4-Dichloro-2-butene	53	75	89, 77, 124
1,1,2,2-Tetrachloroethane	83	85	131, 133
Allyl Chloride	41	76	78
Acetonitrile	41	40	--
Dichlorofluoromethane	67	69	--
Isopropyl ether	87	59	45
Chloroprene (2-Chloro-1,3-butadiene)	53	88	90
n-Butanol	56	41	42
Propionitrile	54	52	55
Methacrylonitrile	41	67	52
Isobutanol	41	43	74

Table 13. Characteristic Ions (cont.)

Compound	Primary*	Secondary	Tertiary
Methyl methacrylate	41	69	100
1,1,1,2-Tetrachloroethane	131	133	119
1,2-Dibromo-3-chloropropane	157	155	75
Ethyl ether	59	74	--
Ethyl Acetate	43	88	61
2-Nitropropane	41	43	46
Cyclohexanone	55	42	98
Isopropylbenzene	105	120	--
2,2-Dichloropropane	77	97	--
Bromochloromethane	128	49	130
1,1-Dichloropropene	75	39	110
1,3-Dichloropropane	76	41	78
1-Chlorohexane	91	55	41
1,1,1,2-Tetrachloroethane	131	133	--
Bromobenzene	156	158	77
n-Propylbenzene	120	91	65
2-Chlorotoluene	126	91	65
1,3,5-Trimethylbenzene	105	120	77
4-Chlorobenzene	126	91	89
t-Butylbenzene	119	134	91
sec-Butylbenzene	134	105	--
4-Isopropyltoluene	119	134	91
n-Butylbenzene	91	92	134
1,2,4-Trichlorobenzene	180	182	--
Hexachlorobutadiene	225	227	223
Naphthalene	128	127	--
1,2,3-Trichlorobenzene	180	182	--
1,1,1-Trifluoro-2,2-Dichloroethane	83	133	--
1,2,3-Trimethylbenzene	105	120	91
1,2,4-Trimethylbenzene	105	120	119
1,2-Dichloro-1,1,2,2-Tetrafluoroethane	85	87	--
1,2-Dichloro-1,1,2-Trifluoroethane	117	67	85
1,3,5-Trichlorobenzene	180	182	184
2,2,3-Trimethylbutane	57	43	85
2,2-Dimethylpentane	57	43	85
2,3-Dimethylpentane	56	71	73

Table 13. Characteristic Ions (cont.)

Compound	Primary*	Secondary	Tertiary
2,4-Dimethylpentane	43	57	85
Pentachloroethane	167	165	169
2-Methylhexane	43	85	57
3,3-Dimethylpentane	43	71	--
3-Ethylpentane	43	70	71
3-Methylhexane	43	57	71
4-Chlorotoluene	126	91	89
2-Pentanone	43	86	--
Cis-1,4-Dichloro-2-butene	53	75	89
Cyclohexane	56	84	55
Dimethyl Disulfide	94	79	45
Ethylene Dibromide	107	109	--
Ethylene Oxide	43	44	--
Isopropyl Alcohol	45	43	--
Methyl Acetate	43	74	59
Methylcyclohexane	55	83	41
m-Xylene & p-Xylene	91	106	77
n-Heptane	43	100	71
n-Nonyl Aldehyde	46	44	207
O-Xylene	106	91	--
Propene Oxide	58	43	57
Sec-Butyl Alcohol	45	59	--
Tert-amyl methyl ether	73	55	87
Tert-butyl ethyl ether	59	87	57
Tetrahydrothiophene	60	88	45

* The primary ion should be used for quantitation unless interferences are present, in which case a secondary ion may be used.

** m/z 43 may be used for quantitation of 2-butanone, but m/z 72 must be present for positive identification.

*** Used as quantitation ion for method 624/624.1.

Table 14. State of Arizona ICV/CCV Quality Control Limits

QC Limits not specified in method	Default QC (method specified or laboratory historical if not specified)
CCV Non-CCC compounds	CCC limits (≤30%)
ICV	Same as CCV (≤30%)
Reporting Limit	Must be supported by low level initial calibration standard
LCS/LCSD	Lab historical
MS/MSD	Lab historical

NOTES:

1) Based on ADHS Rule A.A.C.R9-14-615.C.8. Director approved on June 29, 2005 for the labs to use default limits as an alternative to developing statistically derived limits.

Table 15. List 1 Poorly Performing Compounds

The laboratory's GC/MS group identified this list of compounds based on current and historical performance. The recovery performance was reviewed against full spike recovery data and method performance data, where available, to validate each compound as a "poor performer."

Acetone	Chloromethane
Acetonitrile	Ethanol
Acrolein	Ethyl acetate
Acrylonitrile	Ethyl Methacrylate
n-Butanol	2-Hexanone
2-Butanone (MEK)	Isobutyl alcohol
tert-Butyl alcohol (TBA)	Isopropanol
Carbon disulfide	Methacrylonitrile
2-Chloroethyl vinyl ether	Methyl acetate
Chloroethane	4-Methyl-2-pentanone
Chlorotrifluoroethene	2-Nitropropane
cis-1,4-Dichloro-2-butene	2-Pentanone
trans-1,4-Dichloro-2-butene	Hexane
Dichlorodifluoromethane	Propionitrile
Dichlorofluoromethane	Tetrahydrofuran
1,2-Dibromo-3-chloropropane (DBCP)	Methyl cyclohexane
Bromoform	1,1,2-Trichloro-1,2,2-trifluoroethane
Bromomethane	Trichlorofluoromethane
Methyl methacrylate	Vinyl acetate
1,4-Dioxane	2,2-Dichloropropane
Naphthalene	1,2,3-Trichlorobenzene
Allyl chloride	Iodomethane

Table A-1. Method 624/624.1 Analytes and Reporting Limits, 5-mL Purge

Analytes	µg/L
Acrolein[1]	100
Acrylonitrile[1]	100
Benzene	5
Bromodichloromethane	5
Bromoform	5
Bromomethane	10
Carbon tetrachloride	5
Chlorobenzene	5
Chloroethane	10
2-Chloroethyl vinyl ether	5
Chloroform	5
Chloromethane	10
Dibromochloromethane	5
1,2-Dichlorobenzene	5
1,3-Dichlorobenzene	5
1,4-Dichlorobenzene	5
1,1-Dichloroethane	5
1,2-Dichloroethane	5
1,1-Dichloroethene	5
trans-1,2-Dichloroethene	5
1,2-Dichloropropane	5
cis-1,3-Dichloropropene	10
trans-1,3-Dichloropropene	5
Ethylbenzene	5
Methylene chloride	5
1,1,2,2-Tetrachloroethane	5
Tetrachloroethene	5
Toluene	5
1,1,1-Trichloroethane	5
1,1,2-Trichloroethane	5
Trichloroethene	5
Trichlorofluoromethane	15
Vinyl chloride	10

[1] Acrolein and Acrylonitrile have been added to the 624/624.1 analyte list in the EPA Method Update Rule, May 18, 2012. Analysis of these analytes by Method 624/624.1 as being regulatory compliant is dependent upon individual state approval of the MUR. Verify state status before analysis.

Table A-2. Method 624/624.1 QC Acceptance Criteria

Table 7 – LCS (Q), DOC (s and x̄), and MS/MSD (P and RPD) Acceptance Criteria [1]					
Analyte	**Range for Q (%)**	**Limit for s (%)**	**Range for x̄(%)**	**Range for P_1, P_2**	**Limit for RPD**
Acrolein	60-140	30	50-150	40-160	60
Acrylonitrile	60-140	30	50-150	40-160	60
Benzene	65-135	33	75-125	37-151	61
Bromodichloromethane	65-135	34	50-140	35-155	56
Bromoform	70-130	25	57-156	45-169	42
Bromomethane	15-185	90	D-206	D-242	61
Carbon tetrachloride	70-130	26	65-125	70-140	41
Chlorobenzene	65-135	29	82-137	37-160	53
Chloroethane	40-160	47	42-202	14-230	78
2-Chloroethylvinyl ether	D-225	130	D-252	D-305	71
Chloroform	70-135	32	68-121	51-138	54
Chloromethane	D-205	472	D-230	D-273	60
Dibromochloromethane	70-135	30	69-133	53-149	50
1,2-Dichlorobenzene	65-135	31	59-174	18-190	57
1,3-Dichlorobenzene	70-130	24	75-144	59-156	43
1,4-Dichlorobenzene	65-135	31	59-174	18-190	57
1,1-Dichloroethane	70-130	24	71-143	59-155	40
1,2-Dichloroethane	70-130	29	72-137	49-155	49
1,1-Dichloroethene	50-150	40	19-212	D-234	32
trans-1,2-Dichloroethene	70-130	27	68-143	54-156	45
1,2-Dichloropropane	35-165	69	19-181	D-210	55
cis-1,3-Dichloropropene	25-175	79	5-195	D-227	58
trans-1,3-Dichloropropene	50-150	52	38-162	17-183	86
Ethyl benzene	60-140	34	75-134	37-162	63
Methylene chloride	60-140	192	D-205	D-221	28
1,1,2,2-Tetrachloroethane	60-140	36	68-136	46-157	61
Tetrachloroethene	70-130	23	65-133	64-148	39
Toluene	70-130	22	75-134	47-150	41
1,1,1-Trichloroethane	70-130	21	69-151	52-162	36
1,1,2-Trichloroethane	70-130	27	75-136	52-150	45
Trichloroethene	65-135	29	75-138	70-157	48
Trichlorofluoromethane	50-150	50	45-158	17-181	84
Vinyl chloride	5-195	100	D-218	D-251	66

[1] Criteria were calculated using an LCS concentration of 20 µg/L

Q = Percent recovery in calibration verification/LCS (Section 8.4)
s = Standard deviation of percent recovery for four recovery measurements (Section 8.2.4)
x̄ = Average percent recovery for four recovery measurements (Section 8.2.4)
P = Percent recovery for the MS or MSD (Section 8.3.3)
D = Detected; result must be greater than zero

Table 17
Associated Surrogates and Internal Standards for 8260B/C/D

Analyte	Associated IS	Associated Surrogate
1,1,1,2-Tetrachloroethane	2	2
1,1,1-TCA	1	1
1,1,2,2-Tetrachloroethane	3	3
1,1,2-TCA	1	4
1,1-DCA	1	1
1,1-DCE	1	1
1,1-Dichloropropene	1	4
1,2,3-Trichlorobenzene	3	3
1,2,3-Trichloropropane	3	3
1,2,4-Trichlorobenzene	3	3
1,2,4-Trimethylbenzene	3	3
1,2-DCA	1	4
1,2-DCB	3	3
1,2-Dibromo-3-chloropropane	3	3
1,2-Dichloropropane	1	4
1,2-EDB	2	2
1,3,5-Trimethylbenzene	3	3
1,3-DCB	3	3
1,3-Dichloropropane	2	2
1,4-DCB	3	3
1-Chlorohexane	2	2
2,2-Dichloropropane	1	1
2-Chlorotoluene	3	3
4-Chlorotoluene	3	3
Acetone	1	1
Benzene	1	4
Bromobenzene	3	3
Bromochloromethane	1	1
Bromodichloromethane	1	4
Bromoform	2	2
Bromomethane	1	1
Carbon Tetrachloride	1	4
Chlorobenzene	2	2
Chloroethane	1	1
Chloroform	1	1
Chloromethane	1	1
Cis-1,2-DCE	1	1
Cis-1,3-Dichloropropene	1	4
Dibromochloromethane	2	2
Dibromomethane	1	4
Dichlorodifluoromethane	1	1
Ethylbenzene	2	2
Hexachlorobutadiene	3	3
Isopropylbenzene	3	3
M,P-Xylene	2	2
Methylene Chloride	1	1
Methyl tert-butyl ether (MTBE)	1	1

Table 17
Associated Surrogates and Internal Standards for 8260B/C/D (cont.)

Analyte	Associated IS	Associated Surrogate
MEK (2-Butanone)	1	1
MIBK (4-Methyl-2-Pentanone)	1	4
n-Butylbenzene	3	3
n-Propylbenzene	3	3
Napthalene	3	3
o-Xylene	2	2
p-Isopropyltoluene	3	3
sec-Butylbenzene	3	3
Styrene	2	2
TCE	2	4
tert-butylbenzene	3	3
Tetrachloroethene	2	2
Toluene	1	4
trans-1,2-DCE	1	1
trans-1,3-Dichloropropene	1	4
Trichlorofluoromethane	1	1
Vinyl Chloride	1	1
Chlorotrifluoroethene	1	1
1,2-Dichloro-1,1,2,2-Tetrafluoroethane	1	1
2-Chloro-1,1,1-Trifluoroethane	1	1
Ethylene Oxide	1	1
Ethanol	1	1
Ethyl Ether	1	1
1,2-Dichloro-1,1,2-Trifluoroethane	1	1
Propene Oxide	1	1
1,1,1-Trifluoro-2,2-dichloroethane	1	1
Acrolein	1	1
Iodomethane	1	1
Carbon Disulfide	1	1
3-Chloro-1-propene	1	1
Acetonitrile	1	1
Methyl Acetate	1	1
2-Methyl-2-propanol (TBA)	1	1
Acrylonitrile	1	1
Hexane	1	1
Vinyl Acetate	1	1
Isopropyl Alcohol	1	1
Isopropyl Ether	1	1
2-Chloro-1,3-butadiene	1	1
Tert-butyl ethyl ether (ETBE)	1	1
Propionitrile	1	1
Ethyl Acetate	1	1
sec-Butyl Alcohol	1	1
Methacrylonitrile	1	1
Tetrahydrofuran	1	1
Cyclohexane	1	1
Tert-amyl methyl ether (TAME)	1	1
Isobutyl Alcohol	1	1
n-Butanol	1	1

Table 17
Associated Surrogates and Internal Standards for 8260B/C/D (cont.)

2-Pentanone	1	4
Methycyclohexane	1	4
Methy Methacrylate	1	4
1,4-Dioxane	1	4
2-Nitropropane	1	4
2-Chloroethyl vinyl ether (2-Cleve)	1	4
Ethyl Methacrylate	1	4
2-Hexanone	2	2
Tetrahydrothiophene	2	2
1-Chlorohexane	2	2
cis-1,4-Dichloro-2-butene	3	3
Cyclohexanone	2	2
Trans-1,4-Dichloro-2-butene	3	3
Surrogates	Associated IS	Associated Surrogate
Dibromofluoromethane	1	1
Toluene-d8	2	2
4-Bromofluorobenzene	3	3
1,2-DCA-d4	1	4
Internal Standards	Associated IS	Associated Surrogate
Fluorobenzene	1	-
Chlorobenzene-d_5	2	-
1,4-Dichlorobenzene	3	-
Pentafluorobenzene	4	-
		-

In the event that a compound is not covered by this table and is requested, the associated internal standard/surrogate will be used as required by the method.

Table 18: 8260C (D) minimum response factors [1]

Compound	Recommended Minimum response factors	Laboratory Minimum response factors
1,1,1,2-Tetrachloroethane	0.010	0.01
1,1,1-Trichloroethane	0.100 (0.050)	0.05
1,1,2,2-Tetrachloroethane	0.300 (0.200)	0.200
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.100 (0.050)	0.050
1,1,2-Trichloroethane	0.100 (0.200)	0.100
1,1-Dichloroethane	0.200 (0.300)	0.100
1,1-Dichloroethene	0.100 (0.060)	0.060
1,1-Dichloropropene	0.010	0.01
1,2,3-Trichlorobenzene	0.010 (0.400)	0.300
1,2,3-Trichloropropane	0.010	0.01
1,2,4-Trichlorobenzene	0.200	0.200
1,2,4-Trimethylbenzene	0.010 (0.400)	0.300
1,2-Dibromo-3-chloropropane	0.050 (0.010)	0.010
1,2-Dichlorobenzene	0.400 (0.600)	0.500
1,2-Dichloroethane	0.100 (0.070)	0.070
1,2-Dichloropropane	0.100 (0.200)	0.100
1,3,5-Trimethylbenzene	0.010	0.010
1,3-Dichlorobenzene	0.600 (0.500)	0.500
1,3-Dichloropropane	0.010	0.010
1,4-Dichlorobenzene	0.500 (0.600)	0.500
1,4-Dioxane	0.001	0.001
1-Chlorohexane	0.010	0.010
2-Chloroethyl vinyl ether	0.010	0.010
2,2-Dichloropropane	0.010	0.010
2-Butanone (MEK)	0.100 (0.010)	0.010
2-Chlorotoluene	0.010	0.010
2-Hexanone	0.100 (0.010)	0.010
2-Pentanone	0.001	0.001
3-Chloro-1-propene (Allyl Chloride)	0.010	0.010
2-Methyl-2-propanol (tert-Butyl alcohol)	0.001	0.001
4-Chlorotoluene	0.010	0.010
4-Isopropyltoluene	0.010	0.010
4-Methyl-2-pentanone	0.100 (0.030)	0.030
Acetone	0.050 (0.010)	0.010

Compound	Recommended Minimum response factors	Laboratory Minimum response factors
Acrolein	0.001	0.001
Acrylonitrile	0.010	0.010
Benzene	0.500 (0.200)	0.200
Bromobenzene	0.010	0.010
Bromoform	0.100 (0.100)	0.100
Bromomethane	0.100 (0.010)	0.010
Carbon Disulfide	0.100 (0.100)	0.100
Carbon tetrachloride	0.100 (0.100)	0.100
Chlorobenzene	0.500 (0.400)	0.300
Chlorobromomethane	0.010 (0.100)	0.050
Chlorodibromomethane	0.100 (0.300)	0.100
Chloroethane	0.100 (0.010)	0.010
Chloroform	0.200 (0.300)	0.200
Chloromethane	0.100 (0.010)	0.01
cis-1,2-dichloroethene	0.100 (0.200)	0.100
cis-1,3-Dichloropropene	0.200 (0.300)	0.200
Cyclohexane	0.100 (0.010)	0.010
Cyclohexanone	0.001	0.001
Dibromomethane	0.010	0.010
Dichlorobromomethane	0.200 (0.200)	0.200
Dichlorofluoromethane	0.010 (0.010)	0.010
Dichlorodifluoromethane	0.100	0.100
Ethanol	NA	0.001
Ethylbenzene	0.100 (0.400)	0.300
Ethyl Ether	0.010	0.010
Ethyl methacrylate	0.010	0.010
Ethylene dibromide (EDB)	0.100 (0.200)	0.100
Hexachlorobutadiene	0.010	0.010
Hexane	0.010	0.010
Iodomethane	0.010	0.010
Isobutyl alcohol	0.001	0.001
Isopropylbenzene	0.100 (0.400)	0.300
m and p Xylenes	0.100 (0.200)	0.100
Methyl Acetate	0.100 (0.010)	0.010
Methylcyclohexane	0.100 (0.050)	0.050
Methylene chloride	0.100 (0.010)	0.010
Methyl tert-butyl ether (MTBE)	0.100 (0.100)	0.100

Compound	Recommended Minimum response factors	Laboratory Minimum response factors
Naphthalene	0.010	0.010
n-Butanol	NA	0.001
n-Butylbenzene	0.010	0.010
n-Propylbenzene	0.010	0.010
o-Xylene	0.300 (0.200)	0.200
sec-Butylbenzene	0.010	0.010
Styrene	0.300 (0.200)	0.200
tert-Butylbenzene	0.010	0.010
Tetrachloroethene	0.200 (0.100)	0.100
Tetrahydrofuran	0.001	0.001
Toluene	0.400 (0.300)	0.300
trans-1,2-Dichloroethene	0.100 (0.100)	0.100
trans-1,3-Dichloropropene	0.100 (0.300)	0.200
trans-1,4-Dichloro-2-butene	0.010	0.010
Trichloroethene	0.200 (0.200)	0.200
Trichlorofluoromethane	0.100 (0.010)	0.010
Vinyl Acetate	0.010	0.010
Vinyl chloride	0.100 (0.010)	0.010
1,2-Dichloroethane-d4 (surr)	0.010	0.010
Toluene-d8 (surr)	0.010	0.010
4-Bromofluorobenzene (surr)	0.010	0.010
Dibromofluoromethane (surr)	0.010	0.010

1. These minimum response factors are provided in the source method in the “C” and “D” versions as recommended or guidance limits. Laboratory specific minimum response factors will be used.

8260B versus 8260C/D

Method 8260C/D does not have CCC or SPCC. In the ICV and CCV all target compounds must meet either the listed minimum response factor or a lab derived response factor and 20% drift. In the initial calibration for 8260C/D compliant work each compound must meet 20% RSD to be a valid calibration for that compound. 8260B and 8260C/D have different control limits for spikes and surrogates. See TALs for limits.

APPENDIX A

Modifications for Analysis of Soils Collected for the State of Alaska

1. Collection and Preservation Requirements

Preservation and Holding Time for Volatiles in Soil
Method 5035A for Alaska

Container/Contents[1]	Preservation	Holding time	Analysis
Vial containing methanol and TFT surrogate	Sample is extruded into pre-tared 4 oz jar, containing 25 mL of methanol spiked with 2.5 ppm (ug/mL) of α, α, α-trifluorotoluene, cooled to ≤ 6°C and frozen upon receipt at laboratory.	14 days	Medium Level

Sample weights are calculated in the laboratory by adding the received weight of the sample into the AK Methanol Volume Correction spreadsheet stored on G:\QA\Edit\FORMS\GCMS.

2. Sample Preparation for Medium-Level Analysis – Field Preserved, AK method

a. Add 5mL to a 40 mL VOA vial with reagent water.

b. Add 100 µL of methanol extract to the vial and immediately cap.

c. Load the sample in the auto sampler and proceed to analyze with a heated purge against the low level soil calibration curve.

d. As with water samples, surrogate and internal standard solutions are added by the autosampler (see Tables 7 and 7A in the main body of this SOP). The surrogate α, α, α-trifluorotoluene is added to the samples at the time of sampling. Recoveries for this surrogate will be reported in addition to recoveries for the surrogate compounds added at the time of analysis.

e. Prepare laboratory control samples and Method Blanks just as those for medium level extractions in Section 10.5.3.

f. Remove a portion of the methanol extract for each sample and store in a clean Teflon-capped vial with no headspace at ≤ 6 °C until analysis. Duplicate aliquots of the methanol extract should be taken and stored.

3. Percent Moisture Correction for Soils from the State of Alaska

A percent moisture correction is required for soil samples submitted from the state of AK to adjust the extraction final volume in order to allow for the miscible solvent effects. The following formula is used to determine the corrected final volume. This calculation is performed in the AK Methanol Volume Correction spreadsheet stored on G:\QA\Edit\FORMS\GCMS.

$$V_t = [V_m + (M * W_s/100)]$$

Where:

V_t = final extract volume, corrected for moisture (mL)

V_m = volume methanol used for extraction (mL)

M = moisture content of the sample (%)

W_s = aliquot of sample extracted (g)

APPENDIX B

Modifications for Analysis of Water by 8260C_Alt low level

8260C_Alt is an 8260C method customized for low level analysis of samples. It is used for a specific client only. The method requires an RL of 0.5ug/L for all compounds measured. All requirements of 8260C methodology are used. Instead of 50ug/L of internal standard/surrogate addition, 10ug/L is used as the auto samplers add 1uL of solution instead of 5uL. The calibration for this method starts at 0.5ug/L up to 50ug/L. In order to achieve lower reporting limits reliably, the purge and trap program is modified to a 1.5 minute desorb time and the GC program is modified to lower the split ratio to 10:1. All 8260C_Alt samples are analyzed separately from all other samples analyzed for 8260B/C/D/624.1.

Electronic Copy Only

Title: GC/MS Semi-Volatiles by 8270 and 625.1

Approvals (Signature/Date):

Daniel Maddox 7/27/2023 Daniel Maddox Date Technical Specialist	Reed Pottruff 7/27/2023 Reed Pottruff Date Health & Safety Manager / Coordinator
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1.0 Scope and Application

1.1 This method is based upon standard methods 625, 625.1, 8270C, 8270D, and 8270E, and is applicable to the determination of the concentration of semi-volatile organic compounds in extracts prepared from solid and aqueous matrices.

1.1.1 The modifications presented in Appendix A may be followed for analysis of samples following method 8270D_LL (best practices).

1.1.2 Direct injection of a sample may be used in limited applications.

1.1.3 Refer to Tables 1 and 2 for the list of compounds applicable for this method. Note that the compounds are listed in approximate retention time order. This method may be amenable to additional compounds. If non-standard analytes are required, they must be validated by the procedures described in Section 13 before sample analysis.

1.2 The following compounds may require special treatment when being determined by this method:

1.2.1 Benzidine can be subject to oxidative losses during solvent concentration and exhibits poor chromatography. Neutral extraction should be performed if this compound is expected.

1.2.2 Hexachlorocyclopentadiene is subject to thermal decomposition in the inlet of the gas chromatograph, chemical reaction in acetone solution, and photochemical decomposition.

1.2.3 N-Nitrosodiphenylamine decomposes in the gas chromatographic inlet and cannot be distinguished from diphenylamine.

1.2.4 Pentachlorophenol, 2,4-dinitrophenol, 4-nitrophenol, 4,6-dinitro-2-methylphenol, 4-chloro-3-methylphenol, benzoic acid, 2-nitroaniline, 3-nitroaniline, 4-chloroaniline, and benzyl alcohol are subject to erratic chromatographic behavior, especially if the GC system is contaminated with high boiling material.

1.2.5 3-Methylphenol cannot be separated from 4-methylphenol by the conditions specified in this method. They are reported as 3&4-methylphenol.

1.2.6 Hexachlorophene analysis is not quantitatively reliable by this method, as it is calibrated using a single-point calibration on the day of sample analysis.

1.2.7 Kepone is currently analyzed by GC/ECD however it may be analyzed as a TIC by Method 8270E.

1.2.8 Azobenzene is formed by decomposition of 1,2-diphenlyhydrazine. If 1,2-diphenylhydrazine is requested, it will be analyzed as Azobenzene.

1.3 The standard reporting limit (SRL) of this method for determining an individual compound is approximately 0.33 – 3.3 mg/kg (wet weight) for soil/sediment samples, 1 - 200 mg/kg

for wastes (dependent on matrix and method of preparation), and 1-100 µg/L for groundwater samples. Some compounds have higher reporting limits. Refer to Tables 1 and 2 for specific SRLs. Reporting limits will be proportionately higher for sample extracts that require dilution. Reporting limits are adjusted for dry weight for soil samples.

2.0 Summary of Method

2.1 Aqueous samples are extracted with methylene chloride using a separatory funnel.

2.1.1 Eurofins Denver performs extractions using either: 1) a one liter sample aliquot 2) a 250 mL aliquot or, 3) a 125mL aliquot (RVE). The extract is dried, concentrated to 1 mL and analyzed by GC/MS. Samples extracted using 125 or 250 mL are analyzed following the Large Volume Injection (LVI) procedures described in this SOP.

2.1.2 LVI is used only for aqueous samples. It is utilized to maintain reporting limits while reducing the initial volume of the sample required for extraction. The extraction procedure is the same, proportionately adjusting only sample size, spike concentrations and volume of extraction solvent. South Carolina requires a separate certification for LVI.

2.2 Solid samples are extracted with methylene chloride / acetone using sonication. The extract is dried, concentrated to a volume of 1 mL, and analyzed by GC/MS.

2.3 Waste dilution is used for samples that are miscible with the solvent.

2.4 Extraction procedures are detailed in the following SOPs:

DV-OP-0006 *Extraction of Aqueous Samples by Separatory Funnel*, SW846 3510C and EPA 600 Series

DV-OP-0007 *Concentration and Clean-up of Organic Extracts*, SW846 3510C, 3520C, 3540C, 3546, 3550B, 3550C, 3620C, 3630C, 3660B, 3665A, ASTM Method D7065-11, and EPA 600 Series

DV-OP-0012 *Waste Dilution Preparation for Non-Aqueous Waste Samples*, SW-846 3580A

DV-OP-0016 *Ultrasonic Extraction of Solid Samples*, SW-846 3550B and 3550C

2.5 Qualitative identification of the analytes in the extract is performed using the retention time and the relative abundance of characteristic ions. Quantitative analysis is performed using the internal standard technique with a single characteristic ion and a minimum of a five-point calibration curve.

2.6 For LVI, the GC/MS analysis is the same, excepting injection volume and standard concentrations.

3.0 Definitions

3.1 Batch - The batch is a set of up to 20 samples of the same matrix processed using the same procedures and reagents within the same time period. The Quality Control batch must contain a matrix spike / matrix spike duplicate (MS/MSD), a Laboratory Control Sample (LCS), and a method blank (MB). If it is not possible to prepare both an MS and MSD due to limitations of sample amount, then a duplicate LCS should be prepared and analyzed. The RPD between the LCS and LCSD must be less than or equal to the RPD limit established for the MS/MSD.

3.1.1 Batches are defined at the sample preparation stage. Batches should be kept together through the whole analytical process to the extent possible, but it is not mandatory to analyze prepared extracts on the same instrument or in the same sequence. Refer to the TAL QC Program document (DV-QA-003P *Quality Control Program*) for further details of the batch definition.

3.2 Method Blank (MB) - An analytical control consisting of all reagents, internal standards and surrogate standards that is carried through the entire analytical procedure. The method blank is used to define the level of laboratory background and reagent contamination.

3.3 Laboratory Control Sample (LCS) - A blank matrix (reagent water or Ottawa Sand) spiked with the analytes of interest that is carried through the entire analytical procedure. Analysis of this sample with acceptable recoveries of the spiked analytes demonstrates that the laboratory techniques for this method are acceptable.

3.4 Matrix Spike (MS) – An aliquot of a matrix (water or soil) fortified (spiked) with known amounts of specific analytes and subjected to the entire analytical procedure in order to indicate the appropriateness of the method for the matrix by measuring recovery.

3.5 Matrix Spike Duplicate (MSD) - A second aliquot of the same sample as the matrix spike (above) that is spiked in order to determine the precision of the method by measuring the relative percent difference (RPD) between the MS and MSD results.

3.6 Surrogates - Organic compounds which are similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples. Each sample, blank, LCS, MS, and MSD is spiked with surrogate standards. Surrogate spike recoveries must be evaluated by determining whether the concentration (measured as percent recovery) falls within the required recovery limits.

3.7 Lower Limit of Quantitation (LLOQ) - The lowest concentration at which the laboratory has demonstrated target analytes can be reliably measured and reported with a certain degree of confidence, which must be > the lowest point in the calibration curve. The LLOQ is equivalent to the standard reporting limit. The required LLOQ verification is performed at a concentration of 1-2 times the LLOQ (or RL).

4.0 Interferences

4.1 Contaminants in solvents, reagents, glassware, and other processing apparatus that lead to discrete artifacts may cause method interferences. All of these materials must be routinely demonstrated to be free from interferences under conditions of the analysis by running laboratory method blanks as described in the Quality Control section (Section

9.3). Raw GC/MS data from all blanks, samples, and spikes must be evaluated for interferences. If an interference is detected, it is necessary to determine if the source of interference is in the preparation and/or cleanup of the samples; then take corrective action to eliminate the problem.

4.2 The use of high purity reagents, solvents, and gases helps to minimize interference problems.

4.3 Contamination by carryover can occur whenever high-level and low-level samples are sequentially analyzed. To reduce carryover, the sample syringe must be rinsed with solvent between samples. Whenever an unusually concentrated sample is encountered, it should be followed by the analysis of solvent to check for cross contamination.

4.4 Phthalate contamination is commonly observed in this analysis and its occurrence should be carefully evaluated as an indicator of a contamination problem in the sample preparation step of the analysis.

5.0 Safety

5.1 Employees must abide by the policies and procedures in the Environmental Health and Safety Manual, Radiation Safety Manual and this document.

5.2 This procedure may involve hazardous material, operations and equipment. This SOP does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of the method to follow appropriate safety, waste disposal and health practices under the assumption that all samples and reagents are potentially hazardous. Safety glasses, gloves, lab coats and closed-toe, nonabsorbent shoes are a minimum.

5.3 Specific Safety Concerns or Requirements

5.3.1 Eye protection that satisfies ANSI Z87.1, laboratory coat, and nitrile gloves must be worn while handling samples, standards, solvents, and reagents. Disposable gloves that have been contaminated must be removed and discarded; non-disposable gloves must be cleaned immediately.

NOTE: Latex and vinyl gloves provide no protection against the organic solvents used in this method. Nitrile or similar gloves must be used.

5.3.2 The gas chromatograph and mass spectrometer contain zones that have elevated temperatures. The analyst needs to be aware of the locations of those zones, and must cool them to room temperature prior to working on them.

5.3.3 The mass spectrometer is under deep vacuum. The mass spectrometer must be brought to atmospheric pressure prior to working on the source.

5.3.4 There are areas of high voltage in both the gas chromatograph and the mass spectrometer. Depending on the type of work involved, either turn the power to the instrument off, or disconnect it from its source of power before performing any maintenance.

5.4 Primary Materials Used

The following is a list of the materials used in this method, which have a serious or significant hazard rating.

NOTE: This list does not include all materials used in the method. The table contains a summary of the primary hazards listed in the SDS for each of the materials listed in the table.

A complete list of materials used in the method can be found in the reagents and materials section. Employees must review the information in the SDS for each material before using it for the first time or when there are major changes to the SDS.

Materials with Significant or Serious Hazard Rating

Material	Hazards	Exposure Limit (1)	Signs and Symptoms of Exposure
Methanol	Flammable Poison Irritant	200 ppm-TWA	A slight irritant to the mucous membranes. Toxic effects exerted upon nervous system, particularly the optic nerve. Symptoms of overexposure may include headache, drowsiness and dizziness. Methyl alcohol is a defatting agent and may cause skin to become dry and cracked. Skin absorption can occur; symptoms may parallel inhalation exposure. Irritant to the eyes.
Methylene Chloride	Carcinogen Irritant	25 ppm-TWA 125 ppm-STEL	Causes irritation to respiratory tract. Has a strong narcotic effect with symptoms of mental confusion, light-headedness, fatigue, nausea, vomiting and headache. Causes irritation, redness and pain to the skin and eyes. Prolonged contact can cause burns. Liquid degreases the skin. May be absorbed through skin.
(1) Exposure limit refers to the OSHA regulatory exposure limit.			

6.0 Equipment and Supplies

6.1 Gas chromatograph/mass spectrometer system: an analytical system complete with a temperature-programmable gas chromatograph suitable for split/splitless injection and all required accessories, including syringes, analytical columns, and gases. The capillary column should be directly coupled to the source.

6.2 Column: 30 m x 0.25 mm I.D., 0.25-µm film thickness fused-silica capillary column coated with 5% diphenyl/95% dimethyl polysiloxane (Restek Rxi-5Sil or Agilent 122-5532). Alternate columns are acceptable if they provide acceptable performance.

6.3 Mass Spectrometer: Capable of scanning from 35 to 500 u (previously “amu”) every one second or less, using 70 volts (nominal) electron energy in the electron impact ionization mode. The mass spectrometer must be capable of producing a mass spectrum for decafluorotriphenylphosphine (DFTPP) that meets all of the criteria in Table 4 when 25 ng of the GC/MS tuning standard is injected through the GC.

6.4 Autosampler: HP7683 Autosampler or equivalent.

6.5 GC/MS Interface: Any GC-to-MS interface that gives acceptable calibration points and achieves acceptable tuning performance criteria may be used.

6.6 Data System: A computer system must be interfaced to the mass spectrometer. The system must allow the continuous acquisition and storage on machine-readable media of all mass spectra obtained throughout the duration of the chromatographic program. The computer must have software that can search any GC/MS data file for ions of a specific mass and that can plot such ion abundances versus time or scan number. This type of plot is defined as the Extracted Ion Current Profile (EICP). Software must also be available that allows integrating the abundances in any EICP between specified time or scan-number limits. The most recent version of the EPA/NIH Mass Spectral Library is recommended.

6.7 Syringe: 5 µL or 10 µL Hamilton Laboratory grade syringes or equivalent. The 5 µL syringe is used for the Agilent ALS to be able to inject 0.5 µL and either the 5 µL or 10 µL syringe is commonly used for the Large Volume Injection

6.8 Sample Aliquot Equipment: laboratory grade syringes and pipettes as appropriate to dilute and aliquot extracts. Also, amber glass aliquot vials with polytetrafluoroethylene (PTFE)-lined screw or crimp caps and suitable for use with autosampler.

6.9 Carrier gas: Ultra high-purity helium.

6.10 Computer Software and Hardware

Please refer to the master list of documents, software and hardware located on R:\QA\Read\Master List of Documents\|Master List of Documents, Software and Hardware.xls or current revision for the current software and hardware to be used for data processing.

7.0 Reagents and Standards

Reagent grade chemicals shall be used in all tests. Unless otherwise indicated, it is intended that all reagents shall conform to the specifications of the Committee on Analytical Reagents of the American Chemical Society, where such specifications are available. Other grades may be used, provided it is first ascertained that the reagent is of sufficiently high purity to permit its use without lessening the accuracy of the determination.

7.1 Methylene Chloride, equivalent to pesticide quality or better, used to dilute samples as needed.

7.2 Stock standards are received from the vendor in multiple mixtures for each set of calibration standards, for both primary ICAL standards and second source verification standards. Other standards may be used to accommodate client-specific target lists or reporting limit requirements.

7.2.1 Surrogate Standards:

Restek 567685 Surrogates at 5000 ug/mL

7.2.2 Internal Standards:

Restek 567684	Internal Standards at 2000 ug/mL

7.2.3 HSL (Primary) Standards:

Restek 567685	Surrogates
Restek 568033	Denver 8270 Standard
Restek 569731	8270 List 1/Standard #10
Restek 571995	8270 List 1/Standard #1 Mega mix (2017)

7.2.4 AP9 Standards:

Restek 567680	8270 List 2/Standard #3
Restek 567681	8270 List 2/Standard #4
Restek 567682	8270 List 2/Standard #5 Methapyrilene
Restek 568727	8270 List 2/Standard #8 Dibenze(a,j)acridine
Restek 569733	8270 List 2/Standard #2
Restek 570667	8270 Supplemental Standard #1

7.2.5 FAB (Routine Additional) Standards:

Restek 568023	Famphur
Restek 569730	8270 List 1/Standard #9
Restek 569732	8270 List 1/Standard #11

7.2.6 Hexachlorophene Standards:

Restek 31811	Hexachlorophene at 2000 ug/mL

7.3 A minimum of seven calibration standards are typically prepared. A minimum five-point calibration curve is prepared when average response factors or linear regression curve fitting is used. Six calibration points are required for second-order curve fits. The low point should be at or below the reporting limit. Refer to Tables 10 and 11 for typical calibration levels for all analytes by the standard volume method. Other calibration levels may be used, depending on instrument capability, but the low standard must support the reporting limit and the high standard defines the range of the calibration. Tables LVI-1, and LVI-2 provide calibration levels for the LVI procedure.

7.4 An internal standard (IS) solution is prepared. Compounds in the IS Mix are acenaphthene-d_{10}, chrysene-d_{12}, 1,4-dichlorobenzene-d_4, naphthalene-d_8, perylene-d_{12}, and phenanthrene-d_{10}.

7.4.1 Internal standards are added to all standards and extracts to result in a final concentration of 40 µg/mL (8 µg/mL for LVI). For example, if the volume of an extract aliquot used was 200 µL, 20 µL of a 400 µg/mL internal standard solution would be added to the aliquot.

7.4.2 See Appendix B for the levels used for the 8270 best practice method.

7.5 Surrogate Standard Spiking Solution: Prepare as indicated in the extraction SOPs (refer to Section 2.4 for extraction SOPs numbers). Surrogate compounds and levels are listed in Table 9.

Acid Surrogates	Base Surrogates
2-Fluorophenol	2-Fluorobiphenyl
2,4,6-tribromophenol	Terphenyl-d_4
Phenol-d_5	Nitrobenzene-d_5
2-chlorophenol-d_4[1]	1,2,-Dichlorobenzene-d_4[1]

[1]These two surrogates are in the mix but are not evaluated or reported.

7.6 GC/MS Tuning Standard: A methylene chloride solution containing 50 µg/mL of decafluorotriphenylphosphine (DFTPP) is prepared. Pentachlorophenol, benzidine, and DDT should also be included in the Tuning Standard at 50 µg/mL.

7.7 Laboratory Control Spiking Solution: Prepare as indicated in the extraction SOPs (refer to Section 2.4 for extraction SOPs). LCS compounds and levels are listed in Table 7.

7.8 Matrix Spike Solution: Prepare as indicated in the extraction SOPs (refer to Section 2.4 for extraction SOPs). The matrix spike compounds and levels are the same as the LCS compounds.

7.9 The standards listed in sections 7.1 to 7.8 must be stored at -10°C to -20°C if it can be demonstrated that analytes do not fall out of solution at these temperatures. If not stable, the standards should be stored between 0°C and 6°C. The standard stock solutions expire after one year from preparation date or at the earliest expiration date assigned by the vendor to any parent standard, whichever is earlier. The continuing calibration standard should be replaced when there are visible signs of degradation or when the standard fails to meet QC criteria. The continuing calibration standard is stored at -10°C to -20°C.

8.0 Sample Collection, Preservation, Shipment and Storage

Matrix	Sample Container	Min. Sample Size	Preservation	Extraction Holding Time	Analysis Holding Time	Reference
Water	1 liter amber	1 Liter	Cool, ≤ 6°C and not frozen	7 Days	40 Days from extraction	40 CFR Part 136.3 and SW846 Chapter 4
Water[1]	250 mL amber	250 mL	Cool, ≤ 6°C and not frozen	7 Days	40 Days from extraction	40 CFR Part 136.3 and SW846 Chapter 4
Soil	4 oz Jar	30 grams	Cool, ≤ 6°C and not frozen	14 Days	40 Days from extraction	SW846 Chapter 4

[1]Samples extracted using 125 or 250 mL are analyzed following the LVI procedure.

9.0 Quality Control

9.1 The minimum quality controls (QC), acceptance criteria, and corrective actions are described in this section. When processing samples in the laboratory, use the LIMS Method Comments to determine specific QC requirements that apply.

9.1.1 The laboratory's standard QC requirements, the process of establishing control limits, and the use of control charts are described more completely in Eurofins Denver policy DV-QA-003P *Quality Assurance Program*.

9.1.2 Specific QC requirements for Federal programs, e.g., Department of Defense (DoD), Department of Energy (DOE), AFCEE, etc., are described in Eurofins Denver policy DV-QA-024P *QA/QC Requirements for Federal Programs.*

9.1.3 For further details on components of the DoD QSM that are different from Eurofins Denver's standard procedures, see DV-QA-024P *QA/QC Requirements for Federal Programs.*

9.1.4 Project-specific requirements can override the requirements presented in this section when there is a written agreement between the laboratory and the client, and the source of those requirements should be described in the project documents. Project-specific requirements are communicated to the analyst via Method Comments in the LIMS and the Quality Assurance Summaries (QAS) in the public folders.

9.1.5 Any QC result that fails to meet control criteria must be documented in a Nonconformance Memo (NCM). The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. This is in addition to the corrective actions described in the following sections.

9.2 Initial Performance Studies

9.2.1 Before analyzing samples, the laboratory must establish a method detection limit (MDL). See Section 13 for a discussion of detection limit studies.

9.2.2 In addition, an initial demonstration of capability (IDOC) must be performed by each analyst. On-going proficiency must be demonstrated by each analyst on an annual basis. See Section 13 for more details.

9.3 Control Limits

9.3.1 In-house historical control limits must be determined for surrogates, matrix spikes, and laboratory control samples (LCS). These limits are determined periodically (See SOP DV-QA-003P *Quality Control Program*). The recovery limits are the mean recovery ±3 standard deviations for surrogates, MS, and LCS. The Precision limit for the MS/MSD pair results is the absolute value of the mean relative percent difference (RPD) +3 standard deviations.

9.3.2 These limits do not apply to dilutions, but surrogate and matrix spike recoveries will be reported unless the dilution is 4x or more.

9.3.3 All surrogate, LCS, and MS recoveries (except for dilutions) must be entered into the LIMS or other database so that accurate historical control limits can be generated. For multiple dilutions reported from the same extract, surrogates will be reported for all dilutions of less than 4x. For tests without a separate extraction, surrogates and matrix spikes will be reported for all dilutions.

9.3.4 Refer to the QC program document, DV-QA-003P *Quality Control Program*, for further details of control limits.

9.4 Method Blank (MB)

For aqueous sample batches, the method blank is reagent water; for solid sample batches, the method blank is clean sand. In either case, the method blank is free of the analytes of interest and is spiked with the surrogates. At least one method blank must be processed with each preparation batch.

Acceptance Criteria: The result for the method blank must be less than ½ of the reporting limit or less than 10% of the analyte concentration found in the associated samples, whichever is higher. When a compound is above ½ the reporting limit an NCM needs to be completed.

Corrective Action: Re-preparation and reanalysis of all samples associated with an unacceptable method blank. If the analyte was not detected in the samples, the data may be reported with qualifiers (check project requirements to be sure this is allowed) and it must be addressed in the project narrative.

9.5 Instrument Blank

Instruments must be evaluated for contamination during each 12-hour analytical run. This may be accomplished by analysis of a method blank. If a method blank is not available, an instrument blank must be analyzed. An instrument blank consists of methylene chloride with the internal standards added. It is evaluated in the same way as the method blank (see Section 9.4).

9.6 Laboratory Control Sample (LCS)

The LCS is prepared using reagent water for aqueous methods and Ottawa sand for solid sample methods. A laboratory control sample (LCS) is prepared and analyzed with every batch of samples. The LCS is spiked with the compounds listed in Tables 7 and 8 unless specified by a client or agency. The compounds must be spiked at a concentration equivalent to 80 µg/L, unless a special QAS states a specific level. The LVI method uses proportionally scaled concentration of analytes for the LCS. Ongoing monitoring of the LCS provides evidence that the laboratory is performing the method within accepted QC guidelines for accuracy and precision.

Acceptance Criteria: All analytes must be within established control limits. See QC

Policy DV-QA-003P *Quality Control Program* for details on establishing control limits.

Corrective Action: If any analyte in the LCS is outside the laboratory-established historical control limits or project-specific control limits, as applicable, corrective action must occur. Corrective action may include re-extraction and reanalysis of the batch.

- If the batch is not re-extracted and reanalyzed, the reasons for accepting the batch must be clearly presented in the project records and the report. An example of acceptable reasons for not reanalyzing might be that the matrix spike and matrix spike duplicate are acceptable, and sample surrogate recoveries are good, demonstrating that the problem was confined to the LCS. This type of justification should be reviewed and documented with the client before reporting.
- If re-extraction and reanalysis of the batch are not possible due to limited sample volume or other constraints, the failed LCS is reported, all associated samples are flagged, and appropriate comments are made in a narrative to provide further documentation.
- Use of Marginal Exceedance is not allowed for South Carolina Compliance samples

9.7 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

The matrix spike is a second aliquot of one of the samples in the batch. The matrix spike duplicate is a third aliquot of the same sample. The MS and MSD are spiked with the same analytes as the LCS (See Tables 7 and 8). An MS/MSD pair is prepared and analyzed with every batch of samples.

Acceptance Criteria: The MS and MSD recoveries and the relative percent difference (RPD) between the MS and MSD results must be within the established control limits. Percent recovery control limits are set at $\pm$ 3 standard deviations around the historical mean of the LCS recovery data, unless otherwise dictated by the client or project. The RPD control limit is set at 3 standard deviations above the mean of the historical data.

NOTE: DOD QSM limits apply to projects performed under this program.

Corrective Actions: The information obtained from MS data are sample/matrix specific and are not normally used to determine the validity of the entire batch. If the MS and/or MSD recovery falls outside of the established control limits, the bracketing CCV and batch LCS recoveries must be within control limits in order to accept results for the associated samples. The following corrective actions are required for MS/MSD recovery failures to rule out lab error:

- Check calculation and instrument performance;
- Verify, if possible, that the MS and MSD were spiked correctly (e.g., very low or very high recoveries);
- Consider objective evidence of matrix interference (e.g., heterogeneous sample, interfering peaks seen on chromatograms, or interference demonstrated by prior analyses);
- Flag the data for any results outside of acceptance limits.
- For any single RPD failure, check calculations; verify, if possible, that the MS and MSD were spiked correctly; check instrument performance; consider objective evidence of matrix interference or sample inhomogeneity; and flag the data.
- If both the parent sample and associated matrix spike results are over range the parent and the spikes shall be diluted by the same amount and the results from the reanalysis reported for both. If the analyte concentration in the parent sample is greater than four times the concentration of spike added, then spike recovery results are not compared to control limits, and the recovery is either reported as “NC” (not calculated) or with a qualifier flag to indicate that the spike was less than four times the analyte concentration in the sample. If the dilution will cause the spike to be less than two times the reporting limit, the MS/MSD do not need to be diluted and the recovery reported as “NC” (not calculated).
- For MS/MSD that serve as batch QC, if the parent sample result is within the calibration range and the MS/MSD results are above the calibration range, the results are reported with the MS/MSD result being flagged as an over-range measurement (e.g., the E-flag qualifier).
- If the MS/MSD are client requested, the parent sample result is within calibration range and the MS/MSD results are above the calibration range, the sample and spike should be diluted, keeping in mind that we need to assess whether the dilution will best serve the client’s needs. Consult with the PM as needed. Both the parent sample and MS/MSD samples must have the same dilution factor. Some EDDs do not accept data that are at different dilution factors.
- If the native analyte concentration in the MS/MSD sample exceeds 4 times the spike level for that analyte, the recovery data are reported as NC (i.e., not calculated) and the appropriate qualifier flags are added.

NOTE: See Denver Policy Memorandum P16-001 and Corporate Policy Memorandum CA-Q-QM-013 for more detail.

9.8 Surrogates

9.8.1 Each sample, blank, and QC sample is spiked with the surrogate standards. Surrogate compounds must be spiked at 100 ug/L for standard injection or proportionally scaled for LVI. The compounds routinely included in the surrogate spiking solution, along with recommended standard concentrations, are listed in Table 9. For the Best Practice method, see Table A-4 in Appendix A.

Acceptance Criteria: Surrogate spike recoveries must be evaluated by determining whether the concentration (measured as percent recovery) falls within the required recovery limits.

Corrective Action: If any surrogates are outside of the limits, then the following corrective actions must take place (except for dilutions):

- Check all calculations for error.
- Ensure that instrument performance is acceptable.
- Recalculate the data and/or reanalyze the extract if either of the above checks reveals a problem.
- Re-extract and reanalyze the sample or flag the data as “Estimated Concentration” if neither of the above resolves the problem.

NOTE: The decision to reanalyze or flag the data for failed QC should be made in consultation with the client. Failures may be narrated due to obvious matrix effects based on physical characteristics or chromatography. It is only necessary to re-prepare / reanalyze a sample once to demonstrate that poor surrogate recovery is due to matrix effect, unless the analyst believes that the repeated out-of-control results are not due to matrix effect.

9.8.2 If the sample with failed surrogate recoveries was a sample used for an MS/MSD pair and the surrogate recoveries in the MS/MSD are also outside of the control limits, then the sample and the MS and the MSD do not require reanalysis. This phenomenon indicates a possible matrix problem.

9.8.3 If the sample is reanalyzed and the surrogate recoveries in the reanalysis are acceptable, then the problem was within the analyst's control and only the reanalyzed data should be reported. (If the re-analysis was outside holding times, both sets of results may be reported, with appropriate flags and discussion in the case narrative. Consult client and/or program specifications for reporting requirements.)

9.8.4 If the reanalysis does confirm the original results, the original analysis is reported and the data flagged as estimated due to matrix effects.

9.9 Internal Standards

9.9.1 The peak areas of the internal standards are monitored in all field and QC samples.

Acceptance Criteria: The peak area for each internal standard should be between 50% and 200% of the peak area for the designated midpoint calibration standard in the initial calibration (ICIS). On days when ICAL is not performed, the CCVIS is used as the reference point.. This is typically the 80 ppm standard for standard or the 8 ppm standard for LVI.

Corrective action: If recovery for any internal standard is outside of the control limits, check for calculation errors or instrument problems, and reanalyze the associated samples at a dilution for the compounds quantified against the internal standard that was outside of control limits.

9.9.2 The retention times of the internal standards are monitored in all field samples and QC samples.

Acceptance Criteria: The retention time for any internal standard must be within +/- 0.5 minutes of the last continuing calibration standard.

Corrective Action: If the retention time of any internal standard is greater than +/- 0.5 minutes the chromatographic system must be inspected for malfunctions and corrected. Reanalysis of samples analyzed if the retention time is outside of limits is required. If the retention time of any internal standard is between +/-0.1 minutes and +/-0.5 minutes, from the preceding continuing calibration standard, the data must be carefully evaluated to ensure that no analytes have shifted outside their retention time windows.

10.0 Procedure

10.1 One-time procedural variations are allowed only if deemed necessary in the professional judgment of supervision to accommodate variation in sample matrix, radioactivity, chemistry, sample size, or other parameters. Any variation in procedure shall be completely documented using an NCM. The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. The NCM shall be filed in the project file and addressed in the case narrative.

10.2 Any deviations from this procedure identified after the work has been completed must be documented in an NCM, with a cause and corrective action described.

10.3 Sample Preparation

Samples are prepared according to the following organic preparation SOPs, as applicable:

DV-OP-0006 *Extraction of Aqueous Samples by Separatory Funnel*, SW846 3510C and EPA 600 Series

DV-OP-0007 *Concentration and Clean-up of Organic Extracts*, SW846 3510C, 3520C, 3540C, 3546, 3550B, 3550C, 3620C, 3630C, 3660B, 3665A, ASTM Method D7065-11, and EPA 600 Series

DV-OP-0016 *Ultrasonic Extraction of Solid Samples*, SW-846 3550B and 3550C

10.4 Sample Analysis Procedure

10.4.1 Calibrate the instrument as described in Section 11. Depending on the target compounds required by the client, it may be necessary to use more than one set of calibration standards.

10.4.2 All samples must be analyzed using the same instrument conditions as the preceding continuing calibration verification (CCV) standard. Extracts are allowed to warm to room temperature before aliquotting. Excess extract is returned to the ≤6°C refrigerator for storage.

10.4.3 Internal Standard

Add internal standard to an aliquot of the extract to result in a 40 µg/mL concentration or 8 µg/mL for LVI (for example, 20 µL of internal standard solution at 400 µg/mL in 200 µL of extract). Mix thoroughly before injection into the instrument.

10.4.4 Inject the aliquot into the GC/MS system using the same injection technique as used for the standards.

10.4.4.1 For standard volume extracts the injection volume is typically 0.5 µL using a 5 µL or 10uL syringe. Other injection volumes may be used provided instrument sensitivity is maintained.

10.4.4.2 For LVI, the injection volume is 2 µL using either a 5 µL or a 10 µL syringe.

10.4.5 The data system will determine the concentration of each analyte in the extract using calculations equivalent to those in Section 12. Quantitation is based on the initial calibration, not the continuing calibration verification.

10.4.6 Identified compounds are reviewed for proper integration. Manual integrations are performed if necessary and are documented by the analyst (see DV-QA-011P *Acceptable Manual Integration Practices*) or automatically by the data system. The minimum documentation required includes a chromatogram of original data system peak integration and a similarly scaled chromatogram showing the manual integration with analyst initials, date and reason for

manually integrating.

10.4.7 Target compounds identified by the data system are evaluated using the criteria listed in Section 12.1.

10.4.8 Library searches of peaks present in the chromatogram that are not target compounds, i.e., Tentatively Identified Compounds (TIC), may be performed if required by the client. They are evaluated using the criteria in Section 12.2.

10.4.9 The internal standard response in the sample must be within 50 - 200% of the response in the CCV.

10.4.10 Structural isomers that produce very similar mass spectra should be quantitated as individual isomers if they have sufficiently different GC retention times. Sufficient GC resolution is achieved if the height of the valley between two isomer peaks is less than 50% of the average of the two peak heights. If minimum resolution cannot be reasonably achieved, isomers must be reported as a sum result.

10.5 Dilutions

If the response for any compound exceeds the working range of the GC/MS system, a dilution of the extract is prepared and analyzed. An appropriate dilution should be in the upper half of the calibration range. Samples may be screened to determine the appropriate dilution for the initial run. If the initial diluted run has no hits or hits below 20% of the calibration range and the matrix allows for analysis at a lesser dilution, the sample must be reanalyzed at a dilution targeted to bring the largest hit above 50% of the calibration range.

10.5.1 Guidance for Dilutions Due to Matrix

If the sample is initially run at a dilution and the baseline rise is less than the height of the internal standards, or if individual non-target peaks are significantly less than two times the height of the internal standards, the sample should be reanalyzed at a more concentrated dilution. This requirement is approximate and subject to analyst judgment. For example, samples containing organic acids may need to be analyzed at a higher dilution to avoid destroying the column. Samples with deep color or visible viscosity can be preemptively diluted to protect instrumentation.

10.5.2 Reporting Dilutions

The most concentrated dilution with no target compounds above the calibration range will be reported. Other dilutions will be reported only at client request.

10.6 Perform all qualitative and quantitative measurements. When the extracts are not being used for analyses, refrigerate them at $\leq$ 6°C, protected from light in screw cap vials equipped with unpierced Teflon lined septa.

10.7 Retention Time Criteria for Samples

10.7.1 If the retention time for any internal standard changes by more than 0.5 minutes from the last continuing calibration standard, the chromatographic system must be inspected for malfunctions and corrected. Reanalysis of samples analyzed while the system was malfunctioning is required.

10.7.2 If the retention time of any internal standard in any sample varies by more than 0.17 minute from the preceding continuing calibration standard, the data must be carefully evaluated to ensure that no analytes have shifted outside their retention time windows.

10.8 Percent Moisture

Analytical results may be reported as dry or wet weight, as required by the client. Percent moisture must be determined if results will be reported as dry weight. Refer to SOP DV-WC-0023 *Percent Moisture in Soils and Wastes* for determination of percent moisture.

10.9 Data Review

10.9.1 All data is reviewed via the data review checklist (DRC) as described in DV-QA-0020 *Data Review*.

10.9.2 The data package and review checklist are submitted to a peer reviewer (or supervisor) for the level 2 review. All manual integrations must be evaluated by the peer reviewer. The level 2 review is documented on the review checklist initiated at the level 1 review. See SOP DV-QA-0020 *Data Review* and WI-DV-0025 *GCMS Data Review*.

10.10 Troubleshooting Guide

10.10.1 Daily Instrument Maintenance

In addition to the checks listed in Appendix B, the following daily maintenance should be performed.

- Clip column as necessary.
- Install new or cleaned injection port liner as necessary.
- Install new septum as necessary.
- Install new or cleaned gold seal and washer as necessary.
- Perform mass calibration as necessary.

10.10.2 Major Maintenance

A new initial calibration is necessary following certain maintenance procedures. These maintenance procedures include changing the column, cleaning the repeller, cleaning the source, replacing the multiplier, and replacing the “top board” or RF-related electronics. Refer to the manufacturer's manual for specific guidance.

11.0 Calibration

11.1 Summary

The instrument is tuned for DFTPP, calibrated initially with a minimum of five levels, and verified each 12-hour shift with one or more continuing calibration standard(s). Recommended instrument conditions for both the standard analysis and LVI are listed in Table 3.

11.2 All standards and extracts are allowed to warm to room temperature before injecting.

11.3 Instrument Tuning

11.3.1 At the beginning of every twelve-hour shift when analyses are to be performed, the GC/MS system must be checked to see if the acceptance criteria are achieved for DFTPP (decafluorotriphenylphosphine), see Table 4. The mass spectrum is acquired with three scans (the peak apex scan and the scans immediately preceding and following the apex) are acquired and averaged. Background subtraction is required and must be accomplished using a single scan acquired within 20 scans of the elution of DFTPP. The background subtraction should be designated only to eliminate column bleed or instrument background ions. Do not subtract part of the DFTPP peak or any other discrete peak that does not co-elute with DFTPP.

11.3.2 Inject ≤50 ng of the GC/MS tuning standard (Section 7.6) into the GC/MS system. Obtain a background-corrected mass spectra of DFTPP and confirm that all the key m/z criteria in Table 4 are achieved. If all the criteria are not achieved, the analyst must retune the mass spectrometer and repeat the test until all criteria are achieved. The performance criteria must be achieved before any samples, blanks, or standards are analyzed.

11.3.3 The GC/MS tuning standard should also be used to evaluate the inertness of the chromatographic system. The acceptance criteria for the peak tailing factor for benzidine is <2.0 and pentachlorophenol is <2.0 (<3.0 / <5.0, respectively, may be accepted for 8270C). DDT breakdown to DDD and DDE must be <20%. Refer to section 12 for the appropriate calculations.

11.4 Initial Calibration

11.4.1 Detailed information regarding calibration models and calculations can be found in Corporate SOP CA-Q-P-003 *Calibration Curves and the Selection of Calibration Points* and in the corporate memorandum CA-Q-QM-009 *Quality Control Requirements for SW-846 Methods 8270D and 8260C*.

11.4.2 Internal Standard (IS) Calibration Procedure: Internal standards are listed in Table 5. Use the base peak m/z as the primary m/z for quantitation of the standards. If interferences are noted, use one of the next two most intense masses for quantitation.

11.4.3 Compounds are typically assigned to the IS with the closest retention time. The laboratory tries to maintain consistent internal standard references across

instruments. As a result, there may be a few cases where compounds are very close to two different internal standards.

11.4.4 Evaluation of retention times – The retention time (RT) of each target analyte in each calibration standard should agree within 0.5 minutes.

11.4.5 A minimum of seven calibration standards are typically prepared, however, the number of calibration points may vary. A minimum of five concentration levels for each parameter of interest when average response factors or linear regression curve fits are used. Six standards must be used for a quadratic least-squares calibration. It may also be useful to analyze six or seven calibration levels and use the lower five or six for most analytes and the upper five or six for analytes that have poor response.

11.4.6 Rejection of Calibration Points

11.4.6.1 Generally, it is NOT acceptable to remove points from a calibration. If calibration acceptance criteria are not met, the normal corrective action is to examine conditions such as instrument maintenance and accuracy of calibration standards. Any problems must be fixed and documented in the run log or maintenance log. Then the calibration standard(s) must be reanalyzed.

11.4.6.2 If no problems are found or there is documented evidence of a problem with a calibration point (e.g., obvious misinjection explained in the run log), then one point might be rejected, but only if all of the following conditions are met:

- The rejected point is the highest or lowest on the curve, i.e., the remaining points used for calibration must be contiguous; and
- The lowest remaining calibration point is still at or below the project reporting limit; and
- The highest remaining calibration point defines the upper concentration of the working range, and all samples producing results above this concentration are diluted and reanalyzed; and
- The calibration must still have the minimum number of calibration levels required by the method, i.e. five levels for calibrations modeled with average response factors or linear regressions, or six levels for second-order curve fits.

11.5 Internal Standards

For analysis of standard volume extraction or soil add the internal standard mixture to result in a 40 µg/mL final concentration (8 µg/mL for LVI). (For example, if the volume of the calibration standard used is 0.5 mL, add 50 µL of the 400 µg/mL internal standard).

11.6 The concentrations of all analytes in the calibration standards are listed in Tables 10 and 11. For the Best Practice method, see Table A-1 in Appendix A. For LVI see Tables LVI-1 and LVI-2

11.7 Analyze each calibration standard and tabulate the area of the primary characteristic m/z against the concentration for each compound and internal standard. Calculate the response factors (RF), average response factors, and the percent RSD of the response factors for each compound using the equations in section 12. No sample analysis may be performed unless the following criteria are met. For DoD QSM specific criteria see SOP DV-QA-024P *QA/QC Requirements for Federal Programs.*

NOTE: Second order curves are not allowed for South Carolina work.

11.7.1 The RSD must be < 20% for each compound of interest.

11.7.1.1 If the RSD in the initial calibration is > 20%, then calibration using a curve fit must be used for those analytes with RSD > 20%. Linear or quadratic curve fits may be used. Use of a weighted regression is recommended to improve the accuracy of quantitation at the low end of the curve. The analyst should consider instrument maintenance to improve the linearity of response.

NOTE: For DoD QSM specific criteria see SOP DV-QA-024P *QA/QC Requirements for Federal Programs.*

11.7.1.2 If a linear regression equation is used, the correlation coefficient r must be greater than 0.995 (equivalent to r^2 greater than 0.990). Use of second-order regression equations may be used on rare occasions. In these cases, the intercept and degree of curvature should be examined to be sure that results will be reliable throughout the working range, and the coefficient of determination r^2 must be greater than 0.990.

11.7.1.3 If more than 10% of the compounds included with the initial calibration exceed the 20% RSD limit and do not meet the minimum requirements for alternate curve fits, then the chromatographic system is considered too reactive for analysis to begin. Clean or replace the injector liner and/or column, then repeat the calibration procedure.

11.7.2 Any individual analyte that fails both 20% RSD and the alternate curve fit criteria must have any positive result flagged as estimated (or can be noted in the narrative). This flagging of positive results is undesirable – every effort should be made to reanalyze on an instrument with a passing calibration.

11.7.3 Non-detect results for any analyte that fails both 20% RSD and 0.990 correlation coefficient may be reported without flagging if (and only if) there has been a successful analysis of a LLCCV (CCV at the reporting limit) in the same analytical batch. The LLCCV must be detected for the analyte and qualitative identification criteria in the method must be met.

NOTE: No more than one or two of the poorest performing analytes should fail both 20% RSD and 0.990 correlation. If several analytes fail both criteria, corrective action should include instrument and column maintenance and recalibration.

11.7.4 The minimum response factor for the most common target analytes from Table 14 must be met.

11.8 Note: Response factor criteria is not required for 8270E, but it is suggested that the criteria be met. **Weighting of Calibration Data Points**

In a linear or quadratic calibration fit, the points at the lower end of the calibration curve have less weight in determining the curve generated than points at the high concentration end of the curve. However, in environmental analysis, accuracy at the low end of the curve is very important. For this reason, it is preferable to increase the weighting of the lower concentration points. 1/Concentration or 1/Concentration^2 weighting (often called 1/x or 1/x^2 weighting) will improve accuracy at the low end of the curve and should be used if the data system has this capability.

11.9 Acceptance criteria independent of calibration model

Either of the procedures Percent Error or Relative Standard Error (RSE) may be used to determine calibration function acceptability for linear and non-linear curves. Both evaluate the difference between the measured and the true amounts or concentrations used to create the model.

$$\%\ Error = \frac{xi - x'i}{xi} x\ 100$$

Where: $x'i$ = measured amount of the analyte at calibration level *i* in mass or concentration units and xi= the true amount of the analyte at calibration level *i* in mass or concentration units.
% Error should be ≤ 30%. For some data uses ≤ 50% may be acceptable for the lowest calibration point.

Calculation of Relative Standard Error:

$$RSE = 100\,x\sqrt{\sum_{i=1}^{n}\left[\frac{x_i' - x_i}{x_i}\right]^2 \Big/ (n-p)}$$

Where: *Xi* = True amount of the calibration level I, in mass or concentration units
X'i = measured amount of analyte in calibration level I, in mass or concentration units
p = number of terms in the fitting equation (average = 1), linear – 2, quaratic – 3)
n = number of calibration points
RSE acceptance criteria for the calibration model is the same as the RSD limit for CF or RF in the determinative method. IF not defined in the method, use ± 20%.

11.10 Initial Calibration Verification (ICV)

An initial calibration verification containing all components from a second source (an alternate vendor or a unique lot from the same vendor) must be analyzed immediately following the initial calibration. Acceptance criteria for ICV percent recovery (%R) are 70-130% for commercial work (See Method 8270D or 8270E). For DoD QSM specific criteria see SOP DV-QA-024P *QA/QC Requirements for Federal Programs*.

NOTE: Several states (Arizona) and/or federal programs have special requirements. Be sure to review state QAS summaries and SOP DV-QA-024P *QA/QC Requirements for Federal Programs* for these special requirements.

11.11 If time remains in the 12-hour period initiated by the DFTPP injection before the initial calibration, samples may be analyzed.

NOTE: Quantitation is performed using the calibration curve or average response factor from the initial curve, not the continuing calibration. For additional information on calibrations see SOP CA-Q-P-003 *Calibration Curves and the Selection of Calibration Points.*

11.12 Continuing Calibration Verification (CCV)

11.12.1 At the start of each 12-hour period, the GC/MS tuning standard must be analyzed. A 50-ng injection of DFTPP must result in a mass spectrum for DFTPP, which meets the criteria given in Table 4.

11.12.2 Following a successful DFTPP analysis, the continuing calibration verification (CCV) standard(s) are analyzed. The standard(s) must contain all semi-volatile analytes or all analytes that are to be reported, including all required surrogates. A mid-level calibration standard (usually 80 µg/mL for standard volume extraction and 8-20 ug/mL for LVI) is used for the CCV.

11.12.3 The following criteria must be met for the CCV to be acceptable:

- The percent difference or drift (%D) of each compound must be ≤ 20%. (See Section 12 for calculations.). The CCV for samples analyzed by method 625.1 must meet the criteria listed in that determinative method. If none are listed, then de facto limits of 60-140% are used until in-house limits are established.

  NOTE: Some states (Wisconsin) have special continuing calibration requirements when initial calibration is performed using a quadratic curve. Please refer to the state specific QAS.

- Due to the large numbers of compounds that may be analyzed by this method, it is expected that some compounds will fail to meet the criterion. At least 80% of analytes included in the calibration must have the %D less than or equal to 20%. In cases where compounds fail, they may still be reported as non-detects if it can be demonstrated that there was adequate sensitivity to detect the compound at the applicable quantitation limit. For situations when the failed compound is present, the concentrations must be reported as

estimated values or the system must be recalibrated and the extracts reanalyzed.

- Any sample detections for an analyte that fails the SOP CCV criteria must be flagged as estimated, or described in the narrative. In all cases, every effort should be made to reanalyze on an instrument with a passing CCV.

- Any sample non-detects for an analyte that fails the criteria low, must have a low level CCV (LLCCV) in the batch as a sensitivity demonstration. The criterion for a passing LLCCV is detection only, and a passing LLCCV allows non-detects to be qualified and reported.

- The internal standard response of the CCV must be within 50 - 200% of the response in the same level of the corresponding calibration.

- If any internal standard retention time in the CCV changes by more than 30 seconds from that of the same level of the corresponding initial calibration, the chromatographic system must be inspected for malfunctions and corrections made, as required.

11.12.4 Once the above criteria have been met, sample analysis may begin. Initial calibration average RFs (or the calibration curve) will be used for sample quantitation, not the continuing calibration RFs. Analysis may proceed until 12 hours from the injection of the DFTPP have passed. (A sample injected less than or equal to 12 hours after the DFTPP is acceptable.)

11.12.5 Each of the most common target analytes in the CCV must meet the minimum response factors listed in Table 14. If they are not met, the system is evaluated, and corrective action takes place before sample analysis begins. Possible problems include standard mixture degradation, injection port inlet contamination, contamination at the front end of the analytical column, and active sites in the column or chromatographic system.

11.13 Closing CCV for DoD

DoD QSM 5.0 and subsequent versions requires a closing CCV (CCVC) injected within 12 hours of the DFTPP injection that initiated the sequence. If multiple CCVC solutions are required to cover additional analytes, only the first CCVC must be within the tune window provided the additional solutions are analyzed immediately subsequently. The acceptance criteria for the CCVC is ± 50% for each compound. For DoD QSM specific criteria see SOP DV-QA-024P *QA/QC Requirements for Federal Programs*.

12.0 Calculations / Data Reduction

12.1 Qualitative Identification

An analyte is identified by retention time and by comparison of the sample mass spectrum with the mass spectrum of a standard of the suspected compound (standard reference spectrum). Mass spectra for standard reference may be obtained on the user's GC/MS by analysis of the calibration standards or from the NBS library. Two criteria must be satisfied to verify identification: (1) elution of sample component at the same GC retention

time as the standard component; and (2) correspondence of the sample component and the standard component characteristic ions.

NOTE: Care must be taken to ensure that spectral distortion due to co-elution is evaluated.

12.1.1 The sample component retention time must compare to within ± 30 sec retention of the standard component. For reference, the standard must be run within the same twelve hours as the sample.

12.1.2 All ions present in the standard mass spectra at a relative intensity greater than 10% (most abundant ion in the spectrum equals 100%) should be present in the sample spectrum.

12.1.3 The characteristic ions of a compound must maximize in the same scan or within one scan of each other.

12.1.4 The relative intensities of ions should agree to within ±30% between the standard and sample spectra. (Example: For an ion with an abundance of 50% in the standard spectra, the corresponding sample abundance must be between 20% and 80%.)

12.1.5 If a compound cannot be verified by all the above criteria, but in the technical judgment of the analyst the identification is correct, the analyst shall report that identification and proceed with quantitation.

12.2 Tentatively Identified Compounds

For samples containing components not associated with the calibration standards, a library search may be made for the purpose of tentative identification. The necessity to perform this type of identification will be determined by the type of analyses being conducted. Computer generated library search routines should not use normalization routines that would misrepresent the library or unknown spectra when compared to each other. Only after visual comparison of sample spectra with the nearest library searches shall the mass spectral interpretation specialist assign a tentative identification. Following are guidelines for making tentative identification:

12.2.1 Relative intensities of major ions in the reference spectrum (ions >10% of the most abundant ion) should be present in the sample spectrum.

12.2.2 The relative intensities of the major ions should agree to within ±30%. (Example: For an ion with an abundance of 50% in the standard spectrum, the corresponding sample ion abundance should be between 20%and 80%.)

12.2.3 Molecular ions present in the reference spectrum should be present in the sample spectrum.

12.2.4 Ions present in the sample spectrum, but not in the reference spectrum, should be reviewed for possible background contamination or the presence of co-eluting compounds.

12.2.5 Ions present in the reference spectrum, but not in the sample spectrum, should be reviewed for possible subtraction from the sample spectrum because of background contamination or co-eluting peaks. Data system library reduction programs can sometimes create these discrepancies.

12.2.6 Automatic background subtraction can severely distort spectra from samples with unresolved hydrocarbons.

12.3 Isomers with identical mass spectra and close elution times pose problems for definitive identification. The following compounds, listed in elution order, fall into this category:

Aniline and bis(2-chloroethyl) ether
N-Nitrosodiphenylamine and diphenylamine
1,3-Dichlorobenzene, 1,4-dichlorobenzene, and 1,2-dichlorobenzene
Benzyl alcohol, 2-Methylphenol, 3-methylphenol, and 4-methylphenol
(Note: 3-methylphenol and 4-methylphenol co-elute)
2- methylnaphthalene and 1-methylnaphthalene
2,4-Dimethylphenol and 3,5-Dimethylphenol
2,4,6-Trichlorophenol and 2,4,5-trichlorophenol
Phenanthrene and anthracene
Fluoranthene and pyrene
Benzo(a)anthracene and chrysene
Benzo(e)pyrene and Benzo(a)pyrene
bis(2-Ethylhexyl)phthalate and di-n-octyl phthalate
Benzo(b) and (k)fluoranthene
Indeno(1,2,3-cd)pyrene and benzo(g,h,i)perylene
Safrole and 1-chloronaphthalene
1-naphthylamine and 2-naphthylamine
1-chloronaphthalene and 2-chloronaphthalene
2,4,6-tribromophenol and 2,4,5-tribromophenol

Identification of these compounds requires both experience and extra precautions on the part of the analyst. Specifically, the analyst must more closely scrutinize the comparison of retention times between the unknown and the calibration standard. The analyst must check that all isomers have distinct retention times and that peak resolution is sufficient (valley height of less than 25% of the sum of the two peak heights).

12.4 A second category of problem compounds consists of the poor responders or compounds that chromatograph poorly. The integrations for these types of compounds should be checked manually. The following compounds are included in this category:

Benzoic acid
Chloroanilines
Nitroanilines
2,4-Dinitrophenol
4-Nitrophenol
Pentachlorophenol
3,3'-Dichlorobenzidine
Benzyl alcohol
4,6-Dinitro-2-methylphenol
Atrazine

Famphur
Benzidine

12.5 Relative Response Factor Calculation

$$RF = \frac{A_x C_{is}}{A_{is} C_x}$$

Where:

A_x	=	Area of the characteristic ion for the compound being measured
A_{is}	=	Area of the characteristic ion for the specific internal standard
C_x	=	Concentration of the compound being measured (µg/L)
C_{is}	=	Concentration of the specific internal standard (µg/L)

12.6 Calculating the Percent Relative Standard Deviation for Initial Calibration

$$\%RSD = \frac{SD}{\overline{RF}} \times 100\%$$

Where:

$\overline{RF}$	=	Mean of RFs from the initial calibration for a compound
SD	=	Standard deviation for the mean RF from the initial calibration for a compound

$$SD = \sqrt{\frac{\sum_{i=1}^{n}\left(RF_i - \overline{RF}\right)^2}{n-1}}$$

RF_i	=	RF for each of the calibration levels
n	=	Number of RF values

12.7 Calculating the Continuing Calibration Percent Drift

$$\%Drift = \frac{C_{found} - C_{actual}}{C_{actual}} \times 100\%$$

Where:

C_{actual}	=	Known concentration in standard
C_{found}	=	Measured concentration using selected quantitation method

12.8 Calculating the Concentration in the Extract

The concentration of each identified analyte and surrogate in the extract is calculated from the average RF, or linear or quadratic curve fitted to the initial calibration points. Start with the simplest model, i.e., a straight line through the origin and progress through the other options until the calibration acceptance criteria are met.

12.8.1 Average Response Factor Calibration

If the RSD of the response factors for each compound of interest in the initial calibration is ≤20% for commercial applications of Method 8270D or 8270E, the average response factor from the initial calibration may be used for quantitation. For DoD QSM specific criteria see SOP DV-QA-024P *QA/QC Requirements for Federal Programs*. Average response factor is calculated as follows:

$$C_{ex} = \frac{R_x C_{is}}{R_{is} \overline{RF}}$$

Where:

C_{ex}	=	Concentration in the extract, µg/mL
R_x	=	Response for the analyte
R_{is}	=	Response for the internal standard
C_{is}	=	Concentration of the internal standard
$\overline{RF}$	=	Average response factor

12.8.2 Linear Fit Calibration

If the RSD of the response factors for each compound of interest in the initial calibration is >20% for commercial applications of Method 8270D or 8270E, the linear fit calibration may be used for quantitation. For DoD QSM specific criteria see SOP DV-QA-024P *QA/QC Requirements for Federal Programs*. To calculate the concentration in an unknown sample extract, the regression equation is solved for:

$$C_{ex} = \frac{\left[\frac{R_x C_{is}}{R_{is}} - b \right]}{m_1}$$

Where:

C_{ex}	=	Extract analyte concentration, µg/L
R_x	=	Response for analyte
R_{is}	=	Response for internal standard
C_{is}	=	Concentration of internal standard
b	=	y – Intercept
m_1	=	Slope

12.8.3 Quadratic Fit Calibration

When the instrument response does not follow a linear model over a sufficiently wide working range, or when the previously described calibration approaches fail acceptance criteria, a non-linear, second-order calibration model may be

employed. To calculate the concentration in an unknown sample extract, the roots of the quadratic equation are solved for:

$$C_{ex} = \frac{-m_1 \pm \sqrt{(m_1)^2 - 4(m_2)\left(b - \frac{R_x C_{is}}{R_{is}}\right)}}{2m_2}$$

Where:

C_{ex}	=	Extract analyte concentration, µg/L
R_x	=	Response for analyte
R_{is}	=	Response for internal standard
C_{is}	=	Concentration of internal standard
m_2	=	Curvature
m_1	=	Slope
b	=	y - Intercept

12.9 Calculating the Concentration in the Sample

12.9.1 Calculation for Aqueous Samples

$$\text{Concentration, } \mu\text{g / L} = \frac{C_{ex} V_t}{V_o}$$

Where:

C_{ex}	=	Concentration in the extract
V_t	=	Volume of total extract in µL, taking into account dilutions (i.e., a 1-to-10 dilution of a 1-mL extract will mean that V_t = 10,000 µL. If half of the base/neutral extract and half of the acid extract are combined, then V_t = 2,000 µL.)
V_o	=	Volume of the sample that was extracted (mL)

12.9.2 Calculation for Sediment, Soil, Sludge, and Waste Samples

Results for sediments, sludges, and soils are usually calculated on a dry-weight basis, and for waste, on a wet-weight basis.

$$\text{Concentration, } \mu\text{g/kg} = \frac{C_{ex} V_t}{W_s D}$$

Where:

C_{ex}	=	Concentration in the extract
V_t	=	Volume of total extract in µL, taking into account dilutions (i.e., a 1-to-10 dilution of a 1-mL extract will mean that V_t = 10,000 µL. If half of the base/neutral extract and half of the acid extract are combined, then V_t = 2,000 µL.)
W_s	=	Weight of sample extracted or diluted in grams
D	=	(100 - % moisture in sample)/100, for a dry-weight basis or 1 for a wet-weight basis

12.10 MS/MSD Percent Recovery Calculation

$$\text{Matrix Spike Recovery} = \frac{S_{SR} - S_R}{S_A} \times 100\%$$

Where:

S_{SR} = Spike sample result
S_R = Sample result
S_A = Spike added

12.11 Calculating the Relative Percent Difference (RPD) MS/MSD Pair

$$RPD = \frac{|MS_R - MSD_R|}{1/2(MS_R + MSD_R)} \times 100$$

Where:

RPD = Relative percent difference
MS_R = Matrix spike result
MSD_R = Matrix spike duplicate result

12.12 Calculation of TICs

The calculation of TICs (tentatively identified compounds) is identical to the RF calculation (Section 12.5) with the following exceptions:

A_x = Area of the total ion chromatogram for the compound being measured
A_{is} = Area of the total ion chromatogram for the nearest internal standard without interference
RF = 1

12.13 Calculating Percent DDT Breakdown

$$\%\ \text{DDT breakdown} = \frac{\text{DDEarea} + \text{DDDarea}}{\text{DDTarea} + \text{DDEarea} + \text{DDDarea}}$$

The areas for the m/z 235 ion are used for this calculation.

12.14 Calculating the Peak Tailing Factor

$$\text{Tailing Factor} = \frac{BC}{AB}$$

Where:

Peak width (AC) is measured at 10% peak height, and divided into two line segments at the peak centroid, so that

AC = AB + BC, with
AB = left-hand segment
BC = right-hand segment

13.0 Method Performance

13.1 Method Detection Limit Study (MDL)

13.1.1 The method detection limit (MDL) is the lowest concentration that can be detected for a given analytical method and sample matrix with 99% confidence that the analyte is present. The MDL is determined according to the laboratory's MDL policy in CA-Q-S-0006 *Detection and Quantitation Limits*. MDLs reflect a calculated (statistical) value determined under ideal laboratory conditions in a clean matrix, and may not be achievable in all environmental matrices. The laboratory maintains MDL studies for analyses performed; these are verified at least annually unless method or program requirements require a greater frequency.

13.1.2 Non-standard Analytes

For non-standard analytes, an MDL study must be performed and calibration curve generated before analyzing any samples, unless lesser requirements are previously agreed to with the client. In any event, the minimum initial demonstration should include the analysis of an extracted standard at the reporting limit and a single point calibration.

13.2 Demonstration of Capabilities

All personnel are required to perform an initial demonstration of proficiency (IDOC) on the instrument they will be using for analysis prior to testing samples. On-going proficiency must be demonstrated annually. IDOCs and on-going proficiency demonstrations are conducted as follows.

13.2.1 Four aliquots of the QC check sample are analyzed using the same procedures used to analyze samples, including sample preparation. The concentration of the QC check sample should be equivalent to a mid- level calibration.

13.2.2 Calculate the average recovery and standard deviation of the recovery for each analyte of interest.

13.2.3 If any analyte does not meet the acceptance criteria, the test must be repeated. Only those analytes that did not meet criteria in the first test need to be evaluated. TNI 2009 requires consecutive passing results. Repeated failure for any analyte indicates the need for the laboratory to evaluate the analytical procedure and take corrective action.

13.2.4 Until the IDOC is approved by the QA Manager (or designee); the trainer and trainee must be identified in the batch record.

13.2.5 Further details concerning demonstrations of proficiency are described in SOP DV-QA-0024 *Training*.

13.3 Training Requirements

The Group Leader is responsible for ensuring that this procedure is performed by an associate who has been properly trained in its use and has the required experience. A new analyst must be working under supervision prior to approval of the IDOC. Documentation that a new analyst is performing under supervision must be entered into the batch record (View Batch Information) until that analyst's IDOC has been approved by the QA Manager (or designee). See requirements for demonstration of analyst proficiency in SOP DV-QA-0024 *Training*.

13.4 MDLV and LOQV

13.4.1 MDLVs and LOQVs must be performed on blank matrix as defined for the method blank (Section 9.3), spiked with the appropriate analytes at the programmatically required spike amounts.

13.4.2 MDLVs are analyzed for compounds on the DOD certificate and those required for Texas TRPP on each instrument each quarter. For DOD the spike requirement is 2-4X the MDL and for Texas it is 1-4X the MDL. There are no recovery requirements for MDLV. The MDLs for all other compounds are verified at least annually.

13.4.3 LOQVs (aka LLOQV) are analyzed for compounds on the DOD certificate on each instrument each quarter. The spiking requirement is 1-2X the RL and must pass percent recovery limits. For all compounds analyzed by Method 8260, LOQVs must be performed annually for compliance with Method 8000D, SW-846 Update V.

14.0 <u>Pollution Control</u>

14.1 Standards and reagents should be prepared in volumes consistent with laboratory use to minimize the volume of expired standards and reagents requiring disposal.

14.2 The LVI method utilizes smaller sample sizes and extraction volumes resulting in a decrease in the amount of waste generated for the analysis of water samples.

15.0 <u>Waste Management</u>

15.1 All waste will be disposed of in accordance with Federal, State, and local regulations. Where reasonably feasible, technological changes have been implemented to minimize the potential for pollution of the environment. Employees will abide by this procedure, the policies in section 13, "Waste Management and Pollution Prevention", of the Corporate Safety Manual, and DV-HS-001 *Waste Management Plan*.

15.2 The following waste streams are produced when this method is carried out

15.2.1 Expired Chemicals/Reagents/Standards – Contact Waste Coordinator

15.2.2 Methylene Chloride- B

15.2.3 Flammable Solvent- Waste Stream C

15.2.4 Used vials- Waste Stream A

NOTE: Radioactive, mixed waste, and potentially radioactive waste must be segregated from non-radioactive waste as appropriate. Contact the Waste Coordinator for proper management of radioactive or potentially radioactive waste generated by this procedure.

16.0 References / Cross-References

16.1 SW846, Test Methods for Evaluating Solid Waste, Third Edition and all promulgated updates, EPA Office of Solid Waste, January 2005.

16.1.1 Method 8270D, Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry (GC/MS), Capillary Column Technique, Update IV, Revision 4, February 2007

16.1.2 Method 8270E, Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry, SW-846 Update VI, June 2018

16.1.3 Method 8000B, Determinative Chromatographic Separations, Revision 2, December 1996.

16.1.4 Method 8000C, Determinative Chromatographic Separations, Revision 3, March 2003.

16.1.5 Method 8000D, Determinative Chromatographic Separations, Revision 5, March 2018

16.1.6 Method 3510C, Separatory Funnel Liquid-Liquid Extraction, Revision 3, December 1996.

16.1.7 Method 3540C, Soxhlet Extraction, Revision 3, December 1996.

16.1.8 Method 3550B, Ultrasonic Extraction, Revision 2, December 1996.

16.1.9 Method 3550C, Ultrasonic Extraction, Revision 3, February 2007.

16.1.10 Method 3580, Waste Dilution, Revision 1, July 1992.

16.1.11 Method 3620C, Florisil Cleanup, Revision 3, February 2007.

16.1.12 Method 3660A, Sulfur Cleanup, Revision 1, July 1992.

16.1.13 Method 3660B, Sulfur Cleanup, Revision 2, December 1996.

16.1.14 Method 3665A, Sulfuric Acid/Permanganate Cleanup, Revision 1, December 1996.

16.1.15 Method 625.1, Base/Neurtrals and Acids by GC/MS, December 2016.

16.1.16 Quality Systems Manual (QSM) for Environmental Laboratories, DoD Quality

Systems Manual Version 5.0, July 2013.

16.1.17 Quality Systems Manual (QSM) for Environmental Laboratories, DoD Quality Systems Manual Version 5.4, October 2021

17.0 Method Modifications:

17.1 Modifications from Reference Method

17.1.1 A retention time window of 0.5 minutes is used for all components, since some data systems do not have the capability of using the relative retention time units specified in the reference method.

Method 8270D stipulates qualitative identification based on relative retention time (RRT), which is calculated by dividing the retention time (RT) of the target analyte by the RT of the internal standard. The RRT of the suspected target analyte in the sample extract must be within ± 0.06 RRT units of the RRT for that analyte in the calibration standard. This SOP stipulates qualitative identification based on an absolute RT. Namely the RT of the suspected target analyte in the sample extract must be within ± 0.5 minute of the RT for that analyte in the calibration standard. Additionally, the RT for the internal standard in the sample extract must also be within ± 0.5 minute of the RT for the internal standard in the calibration standard.

Note: 8270E requires a retention time window of ±0.17 minute be used for all target analytes. In the event of matrix interference, RT shifts will be documented by analysts in an NCM.

17.1.2 The quantitation and qualifier ions for some compounds have been changed from those recommended in SW-846 in order to improve the reliability of qualitative identification.

17.1.3 This procedure includes the option for weighted linear regression curves using 1/concentration and 1/concentration^2 weighting factors. Section 7.5.2 of Method 8000B discusses the use of weighted least square regression based on 1/standard deviation^2 weighting factors, which would require multiple analyses of each standard to determine the standard deviation. IAETL has presented information to the EPA Office of Solid Waste demonstrating that the variance (standard deviation^2) is proportional to the standard concentration. EPA accepted this argument and issued a memorandum dated August 7, 1998 (Attachments dated July 1998), which authorizes the use of 1/concentration^2 weighting factors.

17.1.4 The Large Volume Injection technique utilizes modifications in the source methods regarding both sample size and injection volume. These modifications are explicitly allowed by EPA. SW-846, Chapter Two lists as acceptable variations adjustment to both the sizes of sample prepared and injection volumes. See Eurofins Denver White Paper No. CA-Q-W-010 *Large Volume Injection (LVI) Technique for Organic Preparation and Analysis Methods* for

detailed discussions. Reporting limits remain the same as the standard volume procedure for this technique.

17.1.5 Method 8270D lists the primary ion for Benzoic acid as m/z 122 and the secondary ion as m/z 105. The laboratory analyzes for 3,5-Dimethylphenol which can co-elute with the Benzoic acid primary ion 122 on some instruments. In order to distinguish between the two peaks, Benzoic acid has been assigned 105 as the primary ion and 122 as the secondary ion. 3,5-Dimethylphenol has 107 as the primary ion and 122 as the secondary ion.

17.1.6 The laboratory uses DFTPP criteria of for Method 8270C. The source method states that alternate tuning criteria may be used, provided that method performance is not adversely affected. The laboratory considers that use of the 8270C criteria does not adversely affect data for Method 8270D. The majority of the criteria for Method 8270C are within the limits for individual peaks in Method 8270D/E.

18.0 Attachments

Table 1. TAL Primary Standard and Standard Reporting Limits
Table 2. TAL Appendix IX Standard Reporting Limits
Table 3. Suggested Instrument Conditions
Table 4. DFTPP Key Ions and Ion Abundance Criteria
Table 5. Characteristic Ions, Primary Standard (in approximate retention time order)
Table 6. Characteristic Ions, Appendix IX Standard (in approximate retention time order)
Table 7. 8270D LCS Compounds
Table 8. TCLP LCS Compounds
Table 9. 8270D Surrogate Compounds
Table 10. Calibration Levels, Primary Standard, µg/mL
Table 11. Calibration Levels, Appendix IX Standard, µg/mL
Table 12. List 1 Reliably Performing Compounds
Table 13. List 2 Poorly Performing Compounds
Table 14 Minimum Response Factor Criteria for Initial and Continuing Calibration Verification
Table LVI-1 LVI Calibration Levels, Primary (HSL) Standard, µg/mL
Table LVI-2 LVI Calibration Levels, Appendix IX Standard, µg/mL

APPENDIX A. Modifications Required for Analysis of Wastewater Following Method 8270 Best Practice (8270D_LL)

Table A-1. TAL Method 8270D_LL Standard Reporting Limits
Table A-2. Method 8270D_LL Calibration Levels
Table A-3. Method 8270D_LL LCS Spike Concentrations
Table A-4. 8270D_LL Surrogate Compounds
Table A-5. Suggested Instrument Conditions for 8270D_LL
Table A-6. Internal Standard and Surrogate Association for 8270_LL Base-only Extraction

APPENDIX B. Suggested Instrument Maintenance Schedules - Mass Spectrometer & Gas Chromatograph

19.0 Revision History

This section has been added beginning with Revision 0. Only details of the last two revisions are incorporated into this SOP. Prior revisions are documented in the QA files and available upon request.

- Revision 18, dated 28 July 2023
  - Updated calibration standard information in sections 7.2 and Tables 9, LVI-1, LVI-2
  - Updated section 9.9.1 to clarify internal standard area reference points
  - Updated section 11.3.3 with tighter tailing factor criteria
  - Added Method 625.1 reference to section 16.0
  - Minor grammatical updates and changes throughout

- Revision 17, dated 06 March 2023
  - Annual Review
  - Updated copyright information.
  - Combined DV-MS-0011 for methods 625, 625.1, and 8270C into this SOP.
  - Updated text in sections 1.2.7, 2.1.1, 10.4.4.1, 10.4.10, 10.5.1, 11.12.3.
  - Minor updates and changes to Sections 11.3.2, 11.3.3, 11.12.

Table 1.
TAL Primary Standard and Standard Reporting Limits

Analytes	CAS Number	Standard Reporting Limits	
		Aqueous (µg/L)	Low Soil/Sediment (µg/kg)
Pyridine	110-86-1	20	660
N-Nitrosodimethylamine	62-75-9	10	330
Aniline	62-53-3	10	330
Phenol	108-95-2	10	330
Bis(2-chloroethyl)ether	111-44-4	10	330
2-Chlorophenol	95-57-8	10	330
1,3-Dichlorobenzene	541-73-1	4	330
1,4-Dichlorobenzene	106-46-7	4	330
Benzyl alcohol	100-51-6	10	330
1,2-Dichlorobenzene	95-50-1	4	330
2-Methylphenol	95-48-7	10	330
2,2'-oxybis(1-chloropropane)	108-60-1	10	330
4-Methylphenol	106-44-5	10	330
N-Nitroso-di-n-propylamine	621-64-7	10	330
Hexachloroethane	67-72-1	10	330
Nitrobenzene	98-95-3	10	330
Isophorone	78-59-1	10	330
2-Nitrophenol	88-75-5	10	330
2,4-Dimethylphenol	105-67-9	10	330
Benzoic acid	65-85-0	50	1600
Bis(2-chloroethoxy)methane	111-91-1	10	330
2,4-Dichlorophenol	120-83-2	10	330
1,2,4-Trichlorobenzene	120-82-1	10	330
Naphthalene	91-20-3	10	330
4-Chloroaniline	106-47-8	10	330
Hexachlorobutadiene	87-68-3	10	330
1,2,4,5-Tetrachlorobenzene	95-94-3	10	330
4-Chloro-3-methylphenol	59-50-7	10	330
2-Methylnaphthalene	91-57-6	10	330
Hexachlorocyclopentadiene	77-47-4	50	1600
2,4,6-Trichlorophenol	88-06-2	10	330
2,4,5-Trichlorophenol	95-95-4	10	330
2-Chloronaphthalene	91-58-7	4	330
2-Nitroaniline	88-74-4	10	1600
Dimethyl phthalate	131-11-3	4	330
1,3-Dinitrobenzene	99-65-0	10	330
Acenaphthylene	208-96-8	4	330
3-Nitroaniline	99-09-2	10	1600
Acenaphthene	83-32-9	4	330
2,4-Dinitrophenol	51-28-5	30	1600
4-Nitrophenol	100-02-7	10	1600
Dibenzofuran	132-64-9	4	330
2,3,4,6-Tetrachlorophenol	58-90-2	50	1600
2,4-Dinitrotoluene	121-14-2	10	330
2,6-Dinitrotoluene	606-20-2	10	330

Table 1.
TAL Primary Standard and Standard Reporting Limits (cont.)

Analytes	CAS Number	Standard Reporting Limits	
		Aqueous (µg/L)	Low Soil/Sediment (µg/kg)
Diethylphthalate	84-66-2	4	330
4-Chlorophenyl phenyl ether	7005-72-3	10	330
Fluorene	86-73-7	4	330
4-Nitroaniline	100-01-6	10	1600
4,6-Dinitro-2-methylphenol	534-52-1	20	1600
N-Nitrosodiphenylamine	86-30-6	10	330
Azobenzene	103-33-3	10	330
4-Bromophenyl phenyl ether	101-55-3	10	330
Hexachlorobenzene[3]	118-74-1	10	330
Pentachlorophenol	87-86-5	50	1600
Phenanthrene	85-01-8	4	330
Anthracene	120-12-7	4	330
Carbazole	86-74-8	4	330
Di-n-butyl phthalate	84-74-2	4	330
Fluoranthene	206-44-0	4	330
Benzidine	92-87-5	100	3300
Pyrene	129-00-0	10	330
Butyl benzyl phthalate	85-68-7	4	330
3,3'-Dichlorobenzidine	91-94-1	50	1600
Benzo(a)anthracene	56-55-3	4	330
Bis(2-ethylhexyl)phthalate	117-81-7	10	330
4,4-Methylenebis(2-chloroaniline)	101-14-4	100	330
Chrysene	218-01-9	4	330
Di-n-octylphthalate	117-84-0	4	330
Benzo(b)fluoranthene	205-99-2	4	330
Benzo(k)fluoranthene	207-08-9	4	330
Benzo(a)pyrene	50-32-8	4	330
Indeno(1,2,3-cd)pyrene	193-39-5	4	330
Diethyl phthalate	84-66-2	4	660
Dibenz(a,h)anthracene	53-70-3	4	330
Benzo(g,h,i)perylene	191-24-2	4	330
Acetophenone	98-86-2	10	330
3/4-Methylphenol	15831-10-4	10	330
1,4-Dioxane	54841-74-6	20	660
Benzaldehyde	100-52-7	10	330
2,6-Dichlorophenol	87-65-0	10	330
1,1-Biphenyl	92-52-4	10	330

1. The TAL primary standard is the standard normally used. Additional standards, such as the Appendix IX standard (Table 2) may be necessary to include all target analytes required for some clients.
2. 2,2'-Oxybis(1-chloropropane) was formerly known as bis(2-chloroisopropyl)ether.
3. May also be analyzed by method 8081, which can achieve lower reporting limits.

Table 2.
TAL Appendix IX Standard Reporting Limits

Semivolatiles	CAS Number	Standard Reporting Limits	
		Aqueous (µg/L)	Low Soil/Sediment (µg/kg)
2-Picoline	109-06-8	20	660
N-Nitrosomethylethylamine	10595-95-6	10	330
Methyl methanesulfonate	66-27-3	10	330
N-Nitrosodiethylamine	55-18-5	10	330
Ethyl methanesulfonate	62-50-0	10	330
Pentachloroethane	76-01-7	50	1600
N-Nitrosopyrrolidine	930-55-2	10	330
N-Nitrosomorpholine	59-89-2	10	330
o-Toluidine	95-53-4	10	660
N-Nitrosopiperidine	100-75-4	10	330
O, O', O"-Triethylphosphorothioate[2]	126-68-1	50	1600
a,a-Dimethyl-phenethylamine	122-09-8	50	1600
Hexachloropropene	1888-71-7	100	3300
p-Phenylenediamine	106-50-3	100	1600
n-Nitrosodi-n-butylamine	924-16-3	10	330
Safrole	94-59-7	50	1600
Isosafrole	120-58-1	20	660
1,4-Dinitrobenzene	100-25-4	10	330
1,4-Naphthoquinone	130-15-4	50	1600
Pentachlorobenzene	608-93-5	10	330
1-Naphthylamine	134-32-7	10	330
2-Naphthylamine	91-59-8	10	330
5-Nitro-o-toluidine	99-55-8	20	660
Thionazin[2]	297-97-2	10	1600
1,3,5-Trinitrobenzene	99-35-4	50	1600
Sulfotepp[2]	3689-24-5	50	1000
Phorate[2]	298-02-2	50	1600
Phenacetin	62-44-2	20	660
Diallate[3]	2303-16-4	20	660
Dimethoate[2]	60-51-5	20	660
4-Aminobiphenyl	92-67-1	50	1600
Pentachloronitrobenzene	82-68-8	50	1600
Pronamide	23950-58-5	20	660
Disulfoton[2]	298-04-4	50	1600
2-secbutyl-4,6-dinitrophenol (Dinoseb)	88-85-7	10	660
Methyl Parathion[2]	298-00-0	50	1600
1-chloronaphthalene	90-13-1	10	330
4-Nitroquinoline-1-oxide	56-57-5	100	3300
Parathion	56-38-2	50	1600
Methapyrilene	91-80-5	50	1600

Table 2.
TAL Appendix IX Standard Reporting Limits (cont.)

Semivolatiles	CAS Number	Standard Reporting Limits	
		Aqueous (µg/L)	Low Soil/Sediment (µg/kg)
Aramite	140-57-8	20	660
Isodrin[3]	465-73-6	10	330
p-(Dimethylamino)azobenzene	60-11-7	20	660
p-Chlorobenzilate	510-15-6	10	330
3,3'-Dimethylbenzidine	119-93-7	20	660
2-Acetylaminofluorene	53-96-3	100	3300
Dibenz(a,j)acridine	224-42-0	10	660
7,12-Dimethylbenz(a)anthracene	57-97-6	20	660
3-Methylcholanthrene	56-49-5	20	660
Diphenylamine	122-39-4	10	330

1. The Appendix IX standard contains additional analytes required for the Appendix IX list. The TAL primary standard must also be analyzed to include all of the Appendix IX list.
2. May also be analyzed by method 8141, which can achieve lower reporting limits.
3. May also be analyzed by method 8081, which can achieve lower reporting limits.

Table 3.
Suggested Instrument Conditions[1]

Parameter	Settings	
	Standard Analysis	**Large Volume Injection**
Mass Range:	35 - 500 amu	35-500 amu
Scan Time:	≤ 1 second/scan	≤ 1 second/scan
Solvent Delay	< first target elution time	< first target elution time
Initial Column Temperature/Hold Time:	55 °C for 1 minute	55 °C for 1.5 minute
Column Temperature Program:	55-250 °C at 25 °C/min 250-315°C at 5°/min	55 - 250 °C at 25 °C/min 250 - 315 °C at 28 °C/min
Final Column Temperature/Hold Time:	315 °C (until at least one minute after benzo(g,h,i)perylene has eluted)	315 °C (until at least one minute after benzo(g,h,i)perylene has eluted)
Injector Temperature:	250 °C	250 °C
Transfer Line Temperature:	300 °C	300 °C
Source Temperature:	According to manufacturer's specifications	According to manufacturer's specifications
Injector:	Restek liner #233003 or equivalent	Restek liner #233003 or equivalent
Syringe	5 or 10 µL	5 or 10 µL
Sample Volume:	0.5 µl	2 µL
Carrier Gas:	Helium at 3.4 mL/min	Helium at 3.4 mL/min

[1]The GC parameters should be optimized to provide appropriate resolution for benzo(b)fluoranthene and benzo(k)fluoranthene and dibenz(a,h)anthracene and indeno(1,2,3-cd)pyrene.

Table 4.
DFTPP Key Ions and Ion Abundance Criteria 8270D

Mass	Ion Abundance Criteria
51	30 - 60% of mass 198
68	<2% of mass 69
70	<2% of mass 69
127	40 - 60% of mass 198
197	<1% of mass 198
198	Base peak, 100% relative abundance
199	5 - 9% of mass 198
275	10 - 30% of mass 198
365	> 1% of mass 198
441	Present, but less than mass 443
442	> 40% of mass 198
443	17 – 23% of mass 442

Table 4A
DFTPP KEY IONS AND ION ABUNDANCE CRITERIA 8270E[a,b]

Mass	Ion Abundance Criteria
68	<2% of m/z 69
69	Present
70	<2% of m/z 69
197	<2% of m/z 198
198	Base peak or Present
199	5 - 9% of m/z 198
365	> 1% of Base Peak
441	<150% of m/z 443
442	Base Peak or Present
443	15 – 24% of m/z 442

[a] The criteria are taken from Reference 11 (Method 525.3).
[b] The criteria in this table are intended to be used as default criteria for quadrupole instrumentation if optimized manufacturer's operating conditions are not available. Alternate tuning criteria may be employed (e.g., CLP or Method 625), provided that method performance is not adversely affected. See EPA Method 8270E Sec. 11.3.1

Table 5.
Characteristic Ions, Primary Standard (in alpha-numeric order)

Analyte	Primary	Secondary	Tertiary	IS	Surr
1,1-Biphenyl	154	153	76	3	2
1,2,4,5-Tetrachlorobenzene	216	214	218	2	4
1,2,4-Trichlorobenzene	180	182	145	2	4
1,2-Dichlorobenzene	146	148	113	1	4
1,3-Dichlorobenzene	146	148	113	1	4
1,3-Dinitrobenzene	168	50	76	3	2
1,4-Dichlorobenzene	146	148	113	1	4
1,4-Dichlorobenzene-d_4 (Internal Standard)	152	150	115	1	-
1,4-Dioxane	88	58	-	1	3
2,2'-oxybis(1-chloropropane)[1]	45	77	79	1	4
2,3,4,6-Tetrachlorophenol	232	230	131	3	2
2,4,5-Trichlorophenol	196	198	200	3	1
2,4,6-Tribromophenol (Surrogate Standard)	330	332	141	3	1
2,4,6-Trichlorophenol	196	198	200	3	1
2,4-Dichlorophenol	162	164	98	2	3
2,4-Dimethylphenol	107	121	122	2	3
2,4-Dinitrophenol	184	63	154	3	1
2,4-Dinitrotoluene	165	63	89	3	2
2,6-Dichlorophenol	162	164	63	2	4
2,6-Dinitrotoluene	165	63	89	3	2
2-Chloronaphthalene	162	164	127	3	2
2-Chlorophenol	128	64	130	1	3
2-Fluorobiphenyl (Surrogate Standard)	172	171	170	3	2
2-Fluorophenol (Surrogate Standard)	112	64	63	1	3
2-Methylnaphthalene	142	141	115	2	2
2-Methylphenol	108	107	77	1	3
2-Nitroaniline	65	92	138	3	2
2-Nitrophenol	139	65	109	2	3
3,3'-Dichlorobenzidine	252	254	126	5	2
3/4-Methylphenol	108	107	77	1	3
3-Nitroaniline	138	108	92	3	2
4,6-Dinitro-2-methylphenol	198	105	51	4	1
4-Bromophenylphenylether	248	250	141	4	2
4-Chloro-3-methylphenol	107	144	142	2	1
4-Chloroaniline	127	129	65	2	4
4-Chlorophenylphenylether	204	206	141	3	2
4-Methylphenol	108	107	79	1	3
4-Nitroaniline	138	92	108	3	2
4-Nitrophenol	109	139	65	3	1
Acenaphthene	153	152	154	3	6
Acenaphthene-d_{10} (Internal Standard)	164	162	160	3	-
Acenaphthylene	152	151	153	3	6
Acetophenone	105	77	120	1	3
Aniline	93	66	-	1	3
Anthracene	178	179	176	4	6
Azobenzene	77	182	105	3	2
Benzaldehyde	106	105	77	1	--
Benzidine	184	92	185	5	6

Table 5 (continued)
Characteristic Ions, Primary Standard (in alpha-numeric order)

Analyte	Primary	Secondary	Tertiary	IS	Surr
Benzo(a)anthracene	228	229	226	5	6
Benzo(a)pyrene	252	253	125	6	6
Benzo(b)fluoranthene	252	253	125	6	6
Benzo(g,h,i)perylene	276	138	277	6	6
Benzo(k)fluoranthene	252	253	125	6	6
Benzoic Acid	105	122	77	2	3
Benzyl Alcohol	108	79	77	1	4
Bis(2-chloroethoxy)methane	93	95	123	2	4
Bis(2-chloroethyl)ether	93	63	95	1	4
Bis(2-ethylhexyl)phthalate	149	167	279	5	2
Butylbenzylphthalate	149	91	206	5	2
Carbazole	167	166	139	4	1
Chrysene	228	226	229	5	6
Chrysene-d_{12} (Internal Standard)	240	120	236	5	-
Dibenz(a,h)anthracene	278	139	279	6	2
Dibenzofuran	168	139	84	3	2
Diethylphthalate	149	177	150	3	2
Dimethylphthalate	163	194	164	3	2
Di-n-butylphthalate	149	150	104	4	2
Di-n-octylphthalate	149	167	43	5	2
Famphur	218	93	125	5	6
Fluoranthene	202	101	100	4	6
Fluorene	166	165	167	3	6
Hexachlorobenzene	284	142	249	4	2
Hexachlorobutadiene	225	223	227	2	4
Hexachlorocyclopentadiene	237	235	271	3	2
Hexachloroethane	117	201	199	1	4
Indeno(1,2,3-cd)pyrene	276	138	277	5	6
Isophorone	82	95	138	2	4
Naphthalene	128	129	127	2	6
Naphthalene-d_8 (Internal Standard)	136	68	54	2	-
Nitrobenzene	77	123	65	2	4
Nitrobenzene-d_5 (Surrogate Standard)	82	128	54	2	4
N-Nitrosodimethylamine	74	42	-	1	3
N-Nitroso-di-n-propylamine	70	42	101,130	1	4
N-Nitrosodiphenylamine	169	168	167	4	2
Pentachlorophenol	266	264	268	4	1
Perylene-d_{12} (Internal Standard)	264	260	265	6	-
Phenanthrene	178	179	176	4	6
Phenanthrene-d_{10} (Internal Standard)	188	94	80	4	-
Phenol	94	65	66	1	5
Phenol-d_5 (Surrogate Standard)	99	42	71	1	5
Pyrene	202	101	100	5	6
Pyridine	79	52	-	1	3
Terphenyl-d_{14} (Surrogate Standard)	244	122	212	5	6

[1]2,2'oxybis(1-chloropropane) was formally known as bis(2-chloroisopropyl)ether.

Table 6.
Characteristic Ions, Appendix IX Standard (in alpha-numeric order)

Analyte	Primary	Secondary	Tertiary	IS	SURR
1,3,5-Trinitrobenzene	213	75	120	4	1
1,4-Dinitrobenzene	168	75	122	3	2
1,4-Naphthoquinone	158	104	102	3	2
1-Naphthylamine	143	115	--	3	2
2-Acetylaminofluorene	181	180	223	5	6
2-Naphthylamine	143	115	--	3	2
2-Picoline	93	66	92	1	3
2-sec-butyl-4,6-dinitrophenol (Dinoseb)	211	163	147	4	1
3,3'-Dimethylbenzidine	212	106	--	5	6
3-Methylcholanthrene	268	252	253	6	6
4-Aminobiphenyl	169	168	115	4	1
4-Nitroquinoline-1-oxide	190	128	160	4	6
5-Nitro-o-toluidine	152	77	106	3	2
7,12-Dimethylbenz(a)anthracene	256	241	120	6	6
a,a-Dimethyl-phenethylamine	58	91	--	2	4
Aramite 1	185	319	--	5	6
Aramite 2	185	319	--	5	6
Diallate	86	234	--	4	1
Dibenz(a,j)acridine	279	280	--	6	6
Dimethoate	87	93	125	4	1
Diphenylamine	169	168	167	4	2
Disulfoton	88	97	89	4	1
Ethyl methanesulfonate	79	109	97	1	3
Hexachloropropene	213	215	211	2	4
Isodrin	193	66	195	4	6
Isosafrole 1	162	104	131	3	2
Isosafrole 2	162	104	131	3	2
Methapyrilene	97	58	--	4	6
Methyl methanesulfonate	80	79	65	1	3
Methyl parathion	109	125	263	4	1
N-Nitrosodiethylamine	102	44	57	1	3
N-Nitrosodi-n-butylamine	84	57	41	2	4
N-Nitrosomethylethylamine	88	42	43	1	3
N-Nitrosomorpholine	116	56	86	1	3
N-Nitrosopiperidine	114	42	55	2	4
N-Nitrosopyrrolidine	100	41	42	1	3
O,O',O"-Triethyl-Phosphorothioate	198	121	93	2	4
o-Toluidine	106	107	77	1	3
p-(Dimethylamino)azobenzene	120	225	77	5	6

Table 6. (continued)
Characteristic Ions, Appendix IX Standard (in alpha-numeric order)

Analyte	Primary	Secondary	Tertiary	IS	SURR
Parathion	109	97	291	4	1
p-Chlorobenzilate	251	139	253	5	6
Pentachlorobenzene	250	248	252	3	2
Pentachloroethane	117	119	167	1	3
Pentachloronitrobenzene	237	142	214	4	1
Phenacetin	108	179	109	4	1
Phorate	75	97	121	4	1
p-Phenylenediamine	108	80	54	2	6
Pronamide	173	175	255	4	1
Safrole	162	104	77	2	4
Sulfotepp	97	322	202	4	1
Thionazin	97	96	143	3	2

Table 7.
8270D LCS Compounds

LCS Compounds	Spiking Level ng/µL in extract
1,2,4,5-Tetrachlorobenzene	80
1,1-Biphenyl	80
1,2,4-Trichlorobenzene	80
1,2-Dichlorobenzene	80
1,3-Dichlorobenzene	80
1,3-Dinitrobenzene	80
1,4-Dichlorobenzene	80
1,4-Dioxane	80
1-Methylnaphthalene	80
2-2'-Oxybis(1-chloropropane)	80
2,3,4,6-Tetrachlorophenol	80
2,4,5-Trichlorophenol	80
2,4,6-Trichlorophenol	80
2,4-Dichlorophenol	80
2,4-Dimethylphenol	80
2,4-Dinitrophenol	160
2,4-Dinitrotoluene	80
2,6-Dichlorophenol	80
2,6-Dinitrotoluene	80
2-Chloronaphthalene	80

Table 7 (cont.)
8270D LCS Compounds

LCS Compounds	Spiking Level ng/µL in extract
2-Chlorophenol	80
2-Methylnaphthalene	80
2-Methylphenol	80
2-Nitroaniline	80
2-Nitrophenol	80
3,3-Dichlorobenzidine	80
3&4-Methylphenol	80
3-Methylphenol	80
3-Nitroaniline	80
4,6-Dinitro-2-methylphenol	160
4-Bromophenyl phenyl ether	80
4-Chloro-3-methylphenol	80
4-Chloroaniline	80
4-Chlorophenyl phenyl ether	80
4-Methylphenol	80
4-Nitroanliline	80
4-Nitrophenol	160
Acenaphthene	80
Acenaphthylene	80
Acetophenonoe	80
Aniline	80
Anthracene	80
Azobenzene	80
Benzidine	80
Benzaldehyde	80
Benzo[a]anthracene	80
Benzo[b]fluoranthene	80
Benzo[k]fluoranthene	80
Benzoic acid	80
Benzo[g,h,i]perylene	80
Benzo[a]pyrene	80
Benzyl alcohol	80
Bis(2-chloroethoxy)methane	80
Bis(2-ethylhexyl) phthalate	80

Table 7 (cont.)
8270D LCS Compounds

LCS Compounds	Spiking Level ng/µL in extract
Bis(2-chloroethyl)ether	80
Caprolactam	80
Carbazole	80
Chrysene	80
Di-n-butyl phthalate	80
Di-n-octyl phthalate	80
Dibenz(a,h)anthracene	80
Dibenzofuran	80
Diethyl phthalate	80
Dimethyl phthalate	80
Fluoranthene	80
Fluorene	80
Hexachlorobenzene	80
Hexachlorobutadiene	80
Hexachlorocyclopentadiene	80
Hexachloroethane	80
Indeno(1,2,3-cd)pyrene	80
Isophorone	80
Naphthalene	80
Nitrobenzene	80
N-Nitrosodimethylamine	80
N-Nitrosodi-n-propylamine	80
N-Nitrosodiphenylamine	80
Pentachlorophenol	160
Phenanthrene	80
Phenol	80
Pyrene	80
Pyridine	80

Table 8.
TCLP LCS Compounds

LCS Compounds	Spiking Level, ng/µL in extract
1,4-Dichlorobenzene	80
2,4-Dinitrotoluene	80
Hexachlorobenzene	80
Hexachlorobutadiene	80
Hexachloroethane	80
2-Methylphenol	80
3/4-Methylphenol	80
Nitrobenzene	80
Pentachlorophenol	160
Pyridine	80
2,4,5-Trichlorophenol	80
2,4,6-Trichlorophenol	80

Recovery limits for the LCS and for matrix spikes are generated from historical data and are maintained by the QA group.

Table 9
8270D Surrogate Compounds

Surrogate Compounds	Standard Analysis ng/µL in extract	LVI Analysis ng/µL in extract
Nitrobenzene-d_5	100	12.5-25
2-Fluorobiphenyl	100	12.5-25
Terphenyl-d_{14}	100	12.5-25
Phenol-d_5	100	12.5-25
2-Fluorophenol	100	12.5-25
2,4,6-Tribromophenol	100	12.5-25

Table 10.
Calibration Levels[1], Primary (HSL) Standard, µg/mL

Analyte	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8
Pyridine	-	10	20	50	80	120	160	200
1,4-Dioxane	4	10	20	50	80	120	160	200
N-nitrosodimethylamine	-	10	20	50	80	120	160	200
Aniline	-	10	20	50	80	120	160	200
Phenol	-	10	20	50	80	120	160	200
Bis(2-chloroethyl)ether	-	10	20	50	80	120	160	200
2-Chlorophenol	-	10	20	50	80	120	160	200
1,3-Dichlorobenzene	4	10	20	50	80	120	160	200
1,4-Dichlorobenzene	4	10	20	50	80	120	160	200
Benzyl alcohol	-	10	20	50	80	120	160	200
1,2-Dichlorobenzene	4	10	20	50	80	120	160	200
2-Methylphenol	-	10	20	50	80	120	160	200
2,2'-oxybis(1-chloropropane)[2]	-	10	20	50	80	120	160	200
4-Methylphenol	-	10	20	50	80	120	160	200
3-Methylphenol	-	10	20	50	80	120	160	200
Acetophenone	4	10	20	50	80	120	160	200
N-Nitroso-di-n-propylamine	-	10	20	50	80	120	160	200
Hexachloroethane	4	10	20	50	80	120	160	200
Nitrobenzene	-	10	20	50	80	120	160	200
Isophorone	-	10	20	50	80	120	160	200
2-Nitrophenol	-	10	20	50	80	120	160	200
2,4-Dimethylphenol	-	10	20	50	80	120	160	200
Benzoic acid	-	--	20	50	80	120	160	200
Bis(2-chloroethoxy)methane	-	10	20	50	80	120	160	200
2,4-Dichlorophenol	-	10	20	50	80	120	160	200
1,2,4-Trichlorobenzene	4	10	20	50	80	120	160	200
Naphthalene	4	10	20	50	80	120	160	200
4-Chloroaniline	-	10	20	50	80	120	160	200
Hexachlorobutadiene	-	10	20	50	80	120	160	200
1,2,4,5-Tetrachlorobenzene	-	10	20	50	80	120	160	200
4-Chloro-3-methylphenol	-	10	20	50	80	120	160	200
2-Methylnaphthalene	4	10	20	50	80	120	160	200
Hexachlorocyclopentadiene	-	--	20	50	80	120	160	200
2,4,6-Trichlorophenol	-	10	20	50	80	120	160	200
2,4,5-Trichlorophenol	-	10	20	50	80	120	160	200
2-Chloronaphthalene	4	10	20	50	80	120	160	200
2-Nitroaniline	-	--	20	50	80	120	160	200
Dimethyl phthalate	4	10	20	50	80	120	160	200
1,3-Dinitrobenzene	-	10	20	50	80	120	160	200
Acenaphthylene	4	10	20	50	80	120	160	200
3-Nitroaniline	-	--	20	50	80	120	160	200
Acenaphthene	4	10	20	50	80	120	160	200
2,4-Dinitrophenol	-	20	40	100	160	240	320	400
4-Nitrophenol	8	20	40	100	160	240	320	400
Dibenzofuran	4	10	20	50	80	120	160	200
2,3,4,6-Tetrachlorophenol	-	10	20	50	80	120	160	200
2,4-Dinitrotoluene	-	10	20	50	80	120	160	200
2,6-Dinitrotoluene	-	10	20	50	80	120	160	200

Table 10. (continued)
Calibration Levels, Primary (HSL) Standard, µg/mL

Analyte	L1	L2	L3	L4	L5	L6	L7	L8
Diethylphthalate	4	10	20	50	80	120	160	200
4-Chlorophenyl phenyl ether	-	10	20	50	80	120	160	200
Fluorene	4	10	20	50	80	120	160	200
4-Nitroaniline	-	--	20	50	80	120	160	200
4,6-Dinitro-2-methylphenol	-	20	40	100	160	240	320	400
N-Nitrosodiphenylamine	-	10	20	50	80	120	160	200
Azobenzene[3]	4	10	20	50	80	120	160	200
4-Bromophenyl phenyl ether	-	10	20	50	80	120	160	200
Hexachlorobenzene	-	10	20	50	80	120	160	200
Pentachlorophenol	-	20	40	100	160	240	320	400
Phenanthrene	4	10	20	50	80	120	160	200
Anthracene	4	10	20	50	80	120	160	200
Carbazole	4	10	20	50	80	120	160	200
Di-n-butyl phthalate	4	10	20	50	80	120	160	200
Fluoranthene	4	10	20	50	80	120	160	200
Benzidine	-	--	20	50	80	120	160	200
Pyrene	4	10	20	50	80	120	160	200
Butyl benzyl phthalate	4	10	20	50	80	120	160	200
3,3'-Dichlorobenzidine	-	--	20	50	80	120	160	200
Benzo(a)anthracene	4	10	20	50	80	120	160	200
Bis(2-ethylhexyl)phthalate	4	10	20	50	80	120	160	200
Chrysene	4	10	20	50	80	120	160	200
Di-n-octylphthalate	4	10	20	50	80	120	160	200
Benzo(b)fluoranthene	4	10	20	50	80	120	160	200
Benzo(k)fluoranthene	4	10	20	50	80	120	160	200
Benzo(a)pyrene	4	10	20	50	80	120	160	200
Indeno(1,2,3-cd)pyrene	4	10	20	50	80	120	160	200
Dibenz(a,h)anthracene	4	10	20	50	80	120	160	200
Benzo(g,h,i)perylene	4	10	20	50	80	120	160	200
1,1-Biphenyl	-	10	20	50	80	120	160	200
Benzaldehyde	-	10	20	50	80	120	160	200
2,6-Dichlorphenol	-	10	20	50	80	120	160	200

[1] All compounds are spiked in all standard levels (4, 10, 20, 50, 80, 120, 160 and 200 µg/mL). Levels listed in this table are the required spike levels needed in order to calibrate to at the reporting limit for each compound. Additional lower-level standards may be included in the calibrations as long as the ICAL criteria are met.

[2] 2,2'oxybis(1-chloropropane) was formally known as bis(2-chloroisopropyl)ether

[3] Azobenzene is formed by decomposition of 1,2-diphenlyhydrazine. If 1,2-diphenylhydrazine is requested, it will be analyzed as azobenzene.

Table 11.
Calibration Levels, Appendix IX Standard, µg/mL

Semivolatiles	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7
2-Picoline	10	20	50	80	120	160	200
N-Nitrosomethylethylamine	10	20	50	80	120	160	200
Methyl methanesulfonate	10	20	50	80	120	160	200
N-Nitrosodiethylamine	10	20	50	80	120	160	200
Ethyl methanesulfonate	10	20	50	80	120	160	200
Pentachloroethane	--	20	50	80	120	160	200
N-Nitrosopyrrolidine	10	20	50	80	120	160	200
N-Nitrosomorpholine	10	20	50	80	120	160	200
o-Toluidine	10	20	50	80	120	160	200
N-Nitrosopiperidine	10	20	50	80	120	160	200
O,O',O"-Triethyl-Phosphorothioate	--	20	50	80	120	160	200
a,a-Dimethyl-phenethylamine	--	20	50	80	120	160	200
Hexachloropropene	--	20	50	80	120	160	200
p-Phenylenediamine	--	20	50	80	120	160	200
n-Nitrosodi-n-butylamine	10	20	50	80	120	160	200
Safrole	--	20	50	80	120	160	200
Isosafrole 1 + 2	10	20	50	80	120	160	200
1,4-Dinitrobenzene	10	20	50	80	120	160	200
1,4-Naphthoquinone	--	20	50	80	120	160	200
Pentachlorobenzene	10	20	50	80	120	160	200
1-Naphthylamine	10	20	50	80	120	160	200
2-Naphthylamine	10	20	50	80	120	160	200
N-Nitro-o-toluidine	10	20	50	80	120	160	200
Thionazin	10	20	50	80	120	160	200
1,3,5-Trinitrobenzene	--	20	50	80	120	160	200
Sulfotepp	--	20	50	80	120	160	200
Phorate	--	20	50	80	120	160	200
Phenacetin	10	20	50	80	120	160	200
Diallate 1 + 2	10	20	50	80	120	160	200
Dimethoate	10	20	50	80	120	160	200
4-Aminobiphenyl	--	20	50	80	120	160	200
Pentachloronitrobenzene	--	20	50	80	120	160	200
Pronamide	10	20	50	80	120	160	200
Disulfoton	--	20	50	80	120	160	200
2-secbutyl-4,6-dinitrophenol (Dinoseb)	10	20	50	80	120	160	200
Methyl parathion	--	20	50	80	120	160	200
4-Nitroquinoline-1-oxide	--	20	50	80	120	160	200
Parathion	--	20	50	80	120	160	200
Isodrin	10	20	50	80	120	160	200
Methapyrilene	--	20	50	80	120	160	200
Aramite 1 and 2	10	20	50	80	120	160	200
p-(Dimethylamino)azobenzene	10	20	50	80	120	160	200
p-Chlorobenzilate	10	20	50	80	120	160	200
3,3'-Dimethylbenzidine	10	20	50	80	120	160	200
2-Acetylaminofluorene	--	20	50	80	120	160	200
Dibenz (a,j)acridine	10	20	50	80	120	160	200
7,12-Dimethylbenz(a) anthracene	10	20	50	80	120	160	200
3-Methylcholanthrene	10	20	50	80	120	160	200
Diphenlyamine	10	20	50	80	120	160	200

Table 12.
Analytically Reliably Performing Compounds

Acenaphthene	Dibenz(a,h)anthracene	
Acenaphthylene	Dibenzofuran	Isophorone
Acetophenone		1-Methylnaphthalene
	1,2-Dichlorobenzene	2-Methylnaphthalene
Anthracene	1,3-Dichlorobenzene	2-Methylphenol
Benzo(a)anthracene	1,4-Dichlorobenzene	4-Methylphenol
Benzo(a)pyrene		Naphthalene
Benzo(b)fluoranthene	2,4-Dichlorophenol	2-Nitroaniline
Benzo(k)fluoranthene	Diethyl phthalate	3-Nitroaniline[1]
Benzo(g,h,i)perylene	2,4-Dimethylphenol	4-Nitroaniline
	Dimethyl phthalate	Nitrobenzene
	Di-n-butyl phthalate	2-Nitrophenol
Bis(2-chloroethoxy)methane		
Bis(2-chloroethyl)ether		N-Nitrosodimethylamine
Bis(2-ethylhexyl)phthalate	2,4-Dinitrotoluene	N-Nitroso-di-n-propylamine
4-Bromophenyl phenyl ether	2,6-Dinitrotoluene	N-Nitrosodiphenylamine
Butyl benzyl phthalate	1,2-Diphenylhydrazine (as Azobenzene)	2,2'-Oxybis(1-chloropropane) aka "bis(2-chloroisopropyl) ether"
Carbazole		Phenanthrene
	Fluoranthene	Phenol
4-Chloro-3-methylphenol	Fluorene	Pyrene
2-Chloronaphthalene	Hexachlorobenzene	
2-Chlorophenol	Hexachlorocyclopentadiene[1]	1,2,4-Trichlorobenzene
4-Chlorophenyl phenyl ether	Hexachlorobutadiene	2,4,5-Trichlorophenol
Chrysene	Hexachloroethane	2,4,6-Trichlorophenol

[1] Even though these analytes perform reliably through the GC/MS, they are known poor performers through the extraction procedure.

Table 13.
Poorly Performing Compounds

2-Acetylaminofluorene	Disulfoton	N-Nitrosomorpholine
4-Aminobiphenyl	Ethyl methanesulfonate	N-Nitrosopiperidine
Acrylamide	Hexachlorophene	N-Nitrosopyrrolidine
Aramite (#1)		
Aramite (#2)	Hexachloropropene	Pentachlorobenzene
Benzidine	Isosafrole (#1)	Pentachloroethane
1,1-Biphenyl	Isosafrole (#2)	Pentachloronitrobenzene
Caprolactam	Isodrin	Phenacetin
Chlorobenzilate		
Diallate (#1)	Methapyrilene	p-Phenylenediamine
Diallate (#2)	3-Methylcholanthrene	Phorate
Dibenz(a,j)acridine	4,4'-Methylenebis(2-chloroaniline)	2-Picoline
Aniline		
2,6-Dichlorophenol	Methyl methanesulfonate	Pronamide
Dimethoate	Methyl Parathion	Safrole
p-(Dimethylamino)azobenzene	1-Naphthylamine	2-secbutyl-4,6-dinitrophenol (Dinoseb)
Benzoic acid		
7,12-Dimethylbenz(a)anthracene	2-Naphthylamine	Sulfotepp
3,3'-Dimethylbenzidine	1,4-Naphthoquinone	1,2,4,5-Tetrachlorobenzene
α,α-Dimethylphenethylamine	4-Nitroquinoline-1-oxide	2,3,4,6-Tetrachlorophenol
1,3-Dinitrobenzene	N-Nitrosodiethylamine	Thionazin
1,4-Dinitrobenzene	N-Nitrosodi-n-butylamine	*O,O',O"*-Triethylphosphorothioate
Diphenylamine	N-Nitrosomethylethylamine	1,3,5-Trinitrobenzene
Benzyl alcohol	3,3'-Dichlorobenzidine	Di-n-octyl phthalate
4-Chloroaniline	4,6-Dinitro-2-methylphenol	Indeno(1,2,3-cd)pyrene
1,4-Dioxane	2,4-Dinitrophenol	4-Nitrophenol
Pyridine	Famphur	Pentachlorophenol
2-sec-Butyl-4,6-dinitrophenol		

Table 14.
Minimum Response Factor Criteria for Initial and Continuing Calibration Verification
(Not Applicable for 8270E)

Analyte	Minimum Response Factor (RF)
Benzaldehyde	0.010
Phenol	0.800
Bis(2-chloroethyl)ether	0.700
2-Chlorophenol	0.800
2-Methylphenol	0.700
2,2'-Oxybis(1-chloropropane)[1]	0.010
Acetophenone	0.010
4-Methylphenol	0.600
N-Nitroso-di-n-propylamine	0.500
Hexachloroethane	0.300
Nitrobenzene	0.200
Isophorone	0.400
2-Nitrophenol	0.100
2,4-Dimethylphenol	0.200
Bis(2-chloroethoxy)methane	0.300
2,4-Dichlorophenol	0.200
Naphthalene	0.700
4-Chloroaniline	0.010
Hexachlorobutadiene	0.010
Caprolactam	0.010
4-Chloro-3-methylphenol	0.200
2-Methylnaphthalene	0.400
Hexachlorocyclopentadiene	0.050
2,4,6-Trichlorophenol	0.200
2,4,5-Trichlorophenol	0.200
1,1'-Biphenyl	0.010
2-Chloronaphthalene	0.800
2-Nitroaniline	0.010
Dimethylphthalate	0.010
Acenaphthylene	0.900
2,6-Dinitrotoluene	0.200
3-Nitroaniline	0.010
Acenaphthene	0.900
2,4-Dinitrophenol	0.010
Dibenzofuran	0.800
4-Nitrophenol	0.010
2,4-Dinitrotoluene	0.200
Diethylphthalate	0.010
1,2,4,5-Tetrachlorobenzene	0.010
Fluorene	0.900
4-Chlorophenylphenylether	0.400
4-Nitroaniline	0.010
4,6-Dinitro-2-methylphenol	0.010
N-Nitrosodiphenylamine	0.010
4-Bromophenylphenylether	0.100

[1] 2,2'-Oxybis(1-chloropropane) was formerly known as bis(2-chloroisopropyl)ether

Table 14
Minimum Response Factor Criteria for Initial and Continuing Calibration Verification (cont.)

Analyte	Minimum Response Factor (RF)
Hexachlorobenzene	0.100
Atrazine	0.010
Pentachlorophenol	0.050
Phenanthrene	0.700
Anthracene	0.700
Carbazole	0.010
Di-n-butylphthalate	0.010
Fluoranthene	0.600
Pyrene	0.600
Butylbenzylphthalate	0.010
Benzo(a)anthracene	0.800
3,3'-Dichlorobenzidine	0.010
Chrysene	0.700
Bis(2-ethylhexyl)phthalate	0.010
Di-n-octylphthalate	0.010
Benzo(b)fluoranthene	0.700
Benzo(k)fluoranthene	0.700
Benzo(a)pyrene	0.700
Indeno(1,2,3-cd)pyrene	0.500
Dibenz(a,h)anthracene	0.400
Benzo(g,h,i)perylene	0.500
2,3,4,6-Tetrachlorophenol	0.010

Note: All target compounds not listed in this table will be assigned a minimum response factor (RF) of 0.01

Table LVI-1.
LVI Calibration Levels, Primary (HSL) Standard, µg/mL

Analyte	L1	L2	L3	L4	L5	L6	L7	L8
Pyridine	0.4	1	2	5	8	12	16	20
N-nitrosodimethylamine	0.4	1	2	5	8	12	16	20
Aniline	0.4	1	2	5	8	12	16	20
Phenol	0.4	1	2	5	8	12	16	20
Bis(2-chloroethyl)ether	0.4	1	2	5	8	12	16	20
2-Chlorophenol	0.4	1	2	5	8	12	16	20
1,3-Dichlorobenzene	0.4	1	2	5	8	12	16	20
1,4-Dichlorobenzene	0.4	1	2	5	8	12	16	20
Benzyl alcohol	0.4	1	2	5	8	12	16	20
1,2-Dichlorobenzene	0.4	1	2	5	8	12	16	20
2-Methylphenol	0.4	1	2	5	8	12	16	20
2,2'-oxybis(1-chloropropane)[1]	0.4	1	2	5	8	12	16	20
4-Methylphenol	0.4	1	2	5	8	12	16	20
3-Methylphenol	0.4	1	2	5	8	12	16	20
Acetophenone	0.4	1	2	5	8	12	16	20
N-Nitroso-di-n-propylamine	0.4	1	2	5	8	12	16	20
Hexachloroethane	0.4	1	2	5	8	12	16	20
Nitrobenzene	0.4	1	2	5	8	12	16	20
Isophorone	0.4	1	2	5	8	12	16	20
2-Nitrophenol	0.4	1	2	5	8	12	16	20
2,4-Dimethylphenol	0.4	1	2	5	8	12	16	20
Benzoic acid	0.8	2	4	10	16	24	32	40
Bis(2-chloroethoxy)methane	0.4	1	2	5	8	12	16	20
2,4-Dichlorophenol	0.4	1	2	5	8	12	16	20
1,2,4-Trichlorobenzene	0.4	1	2	5	8	12	16	20
Naphthalene	0.4	1	2	5	8	12	16	20
4-Chloroaniline	0.4	1	2	5	8	12	16	20
Hexachlorobutadiene	0.4	1	2	5	8	12	16	20
4-Chloro-3-methylphenol	0.4	1	2	5	8	12	16	20
2-Methylnaphthalene	0.4	1	2	5	8	12	16	20
Hexachlorocyclopentadiene	0.4	1	2	5	8	12	16	20
1,2,4,5-Tetrachlorobenzene	0.4	1	2	5	8	12	16	20
2,4,6-Trichlorophenol	0.4	1	2	5	8	12	16	20
2,4,5-Trichlorophenol	0.4	1	2	5	8	12	16	20
2-Chloronaphthalene	0.4	1	2	5	8	12	16	20
2-Nitroaniline	0.4	1	2	5	8	12	16	20
Dimethyl phthalate	0.4	1	2	5	8	12	16	20
1,3-Dinitrobenzene	0.4	1	2	5	8	12	16	20
Acenaphthylene	0.4	1	2	5	8	12	16	20
3-Nitroaniline	0.4	1	2	5	8	12	16	20
Acenaphthene	0.4	1	2	5	8	12	16	20
2,4-Dinitrophenol	0.8	2	4	10	16	24	32	40
4-Nitrophenol	0.8	2	4	10	16	24	32	40
Dibenzofuran	0.4	1	2	5	8	12	16	20
2,3,4,6-Tetrachlorophenol	0.4	1	2	5	8	12	16	20
2,4-Dinitrotoluene	0.4	1	2	5	8	12	16	20
2,6-Dinitrotoluene	0.4	1	2	5	8	12	16	20

Table LVI-1. (continued)
LVI Calibration Levels, Primary Standard, µg/mL

Analyte	L1	L2	L3	L4	L5	L6	L7	L8
Diethylphthalate	0.4	1	2	5	8	12	16	20
4-Chlorophenyl phenyl ether	0.4	1	2	5	8	12	16	20
Fluorene	0.4	1	2	5	8	12	16	20
4-Nitroaniline	0.4	1	2	5	8	12	16	20
4,6-Dinitro-2-methylphenol	0.8	2	4	10	16	24	32	40
N-Nitrosodiphenylamine	0.4	1	2	5	8	12	16	20
Azobenzene[2]	0.4	1	2	5	8	12	16	20
4-Bromophenyl phenyl ether	0.4	1	2	5	8	12	16	20
Hexachlorobenzene	0.4	1	2	5	8	12	16	20
Pentachlorophenol	0.8	2	4	10	16	24	32	40
Phenanthrene	0.4	1	2	5	8	12	16	20
Anthracene	0.4	1	2	5	8	12	16	20
Carbazole	0.4	1	2	5	8	12	16	20
Di-n-butyl phthalate	0.4	1	2	5	8	12	16	20
Fluoranthene	0.4	1	2	5	8	12	16	20
Benzidine	0.4	1	2	5	8	12	16	20
Pyrene	0.4	1	2	5	8	12	16	20
Butyl benzyl phthalate	0.4	1	2	5	8	12	16	20
3,3'-Dichlorobenzidine	0.4	1	2	5	8	12	16	20
Benzo(a)anthracene	0.4	1	2	5	8	12	16	20
Bis(2-ethylhexyl)phthalate	0.4	1	2	5	8	12	16	20
Chrysene	0.4	1	2	5	8	12	16	20
Di-n-octylphthalate	0.4	1	2	5	8	12	16	20
Benzo(b)fluoranthene	0.4	1	2	5	8	12	16	20
Benzo(k)fluoranthene	0.4	1	2	5	8	12	16	20
Benzo(a)pyrene	0.4	1	2	5	8	12	16	20
Indeno(1,2,3-cd)pyrene	0.4	1	2	5	8	12	16	20
Dibenz(a,h)anthracene	0.4	1	2	5	8	12	16	20
Benzo(g,h,i)perylene	0.4	1	2	5	8	12	16	20
2,6-Dichlorophenol	--	1	2	5	8	12	16	20

[1] 2,2'oxybis(1-chloropropane) was formally known as bis(2-chloroisopropyl)ether

[2] Azobenzene is formed by decomposition of 1,2-diphenlyhydrazine. If 1,2-diphenylhydrazine is requested, it will be analyzed as azobenzene.

Table LVI-2.
LVI Calibration Levels, Appendix IX Standard, µg/mL

Semivolatiles	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7
2-Picoline	1	2	5	8	12	16	20
N-Nitrosomethylethylamine	1	2	5	8	12	16	20
Methyl methanesulfonate	1	2	5	8	12	16	20
N-Nitrosodiethylamine	1	2	5	8	12	16	20
Ethyl methanesulfonate	1	2	5	8	12	16	20
Pentachloroethane	1	2	5	8	12	16	20
N-Nitrosopyrrolidine	1	2	5	8	12	16	20
N-Nitrosomorpholine	1	2	5	8	12	16	20
o-Toluidine	1	2	5	8	12	16	20
N-Nitrosopiperidine	1	2	5	8	12	16	20
O,O’,O”-Triethyl-Phosphorothioate	1	2	5	8	12	16	20
alpha,alpha-Dimethyl-phenethylamine	1	2	5	8	12	16	20
Hexachloropropene	1	2	5	8	12	16	20
p-Phenylenediamine	1	2	5	8	12	16	20
n-Nitrosodi-n-butylamine	1	2	5	8	12	16	20
Safrole	1	2	5	8	12	16	20
Isosafrole 1 + 2	1	2	5	8	12	16	20
1,4-Dinitrobenzene	1	2	5	8	12	16	20
1,4-Naphthoquinone	1	2	5	8	12	16	20
Pentachlorobenzene	1	2	5	8	12	16	20
1-Naphthylamine	1	2	5	8	12	16	20
2-Naphthylamine	1	2	5	8	12	16	20
N-Nitro-o-toluidine	1	2	5	8	12	16	20
Thionazin	1	2	5	8	12	16	20
1,3,5-Trinitrobenzene	1	2	5	8	12	16	20
Sulfotepp	1	2	5	8	12	16	20
Phorate	1	2	5	8	12	16	20
Phenacetin	1	2	5	8	12	16	20
Diallate 1 + 2	1	2	5	8	12	16	20
Dimethoate	1	2	5	8	12	16	20
4-Aminobiphenyl	1	2	5	8	12	16	20
Pentachloronitrobenzene	1	2	5	8	12	16	20
Pronamide	1	2	5	8	12	16	20
Disulfoton	1	2	5	8	12	16	20
2-secbutyl-4,6-dinitrophenol (Dinoseb)	1	2	5	8	12	16	20
Methyl parathion	1	2	5	8	12	16	20
4-Nitroquinoline-1-oxide	1	2	5	8	12	16	20
Parathion	1	2	5	8	12	16	20

Table LVI-2. (continued)
LVI Calibration Levels, Appendix IX Standard, µg/mL

Semivolatiles	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7
Isodrin	1	2	5	8	12	16	20
Methapyrilene	1	2	5	8	12	16	20
Aramite 1 and 2	1	2	5	8	12	16	20
p-(Dimethylamino) azobenzene	1	2	5	8	12	16	20
p-Chlorobenzilate	1	2	5	8	12	16	20
3,3'-Dimethylbenzidine	1	2	5	8	12	16	20
2-Acetylaminofluorene	1	2	5	8	12	16	20
Dibenz (a,j)acridine	1	2	5	8	12	16	20
7,12-Dimethylbenz(a) anthracene	1	2	5	8	12	16	20
3-Methylcholanthrene	1	2	5	8	12	16	20

APPENDIX A

Modifications Required for Analysis of Samples Following Method 8270 Best Practice (8270D_LL)

REQUIREMENTS FOR METHOD 8270 BEST PRACTICE (8270D_LL)

- Method Best Practice is utilized to obtain lower reporting limits while still providing full scan data. The standard analyte list and reporting limits are listed in Table A-1.
- This method is only applicable to the analysis of low level aqueous samples. The appropriate range for aqueous samples is 1 to 100 ug/L. Attempts to analyze samples with concentrations much higher than this for target compounds, or high concentrations of non-target compounds will likely result in a decline in the quality control parameters for the method. Once the instrument has been adversely impacted by high level samples, it may not be possible to bring it back into control in a reasonable time frame.
- The laboratory only performs this method with a base only extraction for the analysis of 1,4-Dioxane or N-Nitrosodimethylamine.
- The extraction is the same with one exception. The final volume of the extract is 2 mL.
- The tune period for this method is defined as 12 hours.
- Initial calibration curve requirements are as follows:
  - Same as for 8270 detailed in Section 11.4 of this SOP.
  - The calibrations levels are shown in Table A-2.
- Continuing calibration verification requirements are as follows:
  - Same as for 8270 detailed in Section 11.12 of this SOP, except that 7 calibration point levels are used.
- Matrix Spike and LCS requirements are as follows:
  - The spike levels are listed in Table A-3.
- Surrogates: The surrogate concentrations are listed in Table A-4.
- Instrument Conditions are shown in Table A-5.
- Internal Standard and Surrogate associations are provided in Table A-6.

Table A-1.
TAL Method 8270D_LL Standard Reporting Limits

Analytes	CAS Number	Aqueous, µg/L
N-Nitrosodimethylamine	62-75-9	1
1,4-Dioxane	123-91-2	1

Table A-2.
Method 8270D_LL Calibration Levels

Calibration Level	Calibration Concentration, µg/mL
1	0.25
2	0.50
3	1.00
4	2.50
5	5.00
6	7.50
7	10.0
8	12.5
9	20.0
10	40.0
ICV/CCV	7.5

Additional analytes in the calibration standards are not analyzed by Method 8270D_LL.

Table A-3.
Method 8270D_LL LCS Spike Concentrations

LCS Compounds	Spiking Level, µg/L
N-Nitrosodimethylamine	10
1,4-Dioxane	10

Additional analytes in the spike mix are not analyzed.

Table A-4.
8270D_LL Surrogate Compounds

Surrogate Compounds	Spiking Level, ng/µL in extract
Nitrobenzene-d_5	5
2-Fluorobiphenyl	5
Terphenyl-d_{14}	5
Phenol-d_5	5
2-Fluorophenol	5
2,4,6-Tribromophenol	5

Additional analytes in the spike mix are not monitored.

Table A-5.
Suggested Instrument Conditions for 8270D_LL

Mass Range:	35 - 500 amu
Scan Time:	≤1 second/scan
Initial Column Temperature/Hold Time:	50 °C for 1 minute~~s~~
Column Temperature Program:	50 - 320 °C at 35°C/min.
Final Column Temperature/Hold Time:	325 °C/4 min hold
Injector Temperature:	275 °C
Transfer Line Temperature:	290 °C
Source Temperature:	230 °C
Injector:	Single Taper Direct Connect Liner /splitless
Sample Volume:	0.5 µl
Carrier Gas:	Helium at 1.0mL/min.
Column:	DB-5 Capillary 20m x 0.18mm x 0.36 um film thickness

Table A-6.
Internal Standard and Surrogate Association for 8270_LL Base-Only Extraction
(in alpha-numeric order)

Analyte	IS	Surr
1,4-Dichlorobenzene-d_4 (Internal Standard)	1	-
1,4-Dioxane	**1**	**2**
2-Fluorobiphenyl (Surrogate Standard)	3	2
Acenaphthene-d_{10} (Internal Standard)	3	-
Chrysene-d_{12} (Internal Standard)	5	-
Naphthalene-d_8 (Internal Standard)	2	-
Nitrobenzene-d_5 (Surrogate Standard)	2	4
N-Nitrosodimethylamine	**1**	**2**
Perylene-d_{12} (Internal Standard)	6	-
Phenanthrene-d_{10} (Internal Standard)	4	-
Terphenyl-d_{14} (Surrogate Standard)	5	6

APPENDIX B

Suggested Instrument Maintenance Schedules - Mass Spectrometer & Gas Chromatograph

MASS SPECTROMETER Instrument Maintenance Schedule				
Daily (when used)	**Weekly**	**As Needed**	**Quarterly**	**Annually**
Check for sufficient gas supply. Check for correct column flow and/or inlet pressure	Check mass calibration (PFTBA or FC-43).	Check level of oil in mechanical pumps and diffusion pump if vacuum is insufficient. Add oil if needed between service contract maintenance.	Check vacuum, relays, gas pressures, and flows.	Replace the exhaust filters on the mechanical rough pump every 1 to 2 years.
Check temperatures of injector, detector. Verify temperature programs.		Replace electron multiplier when the tuning voltage approaches the maximum and/or when sensitivity falls below required levels.		Change the oil in the mechanical rough pump.
Check inlets, septa.		Clean source, including all ceramics and lenses. Source cleaning is indicated by a variety of symptoms, including inability of the analyst to tune the instrument to specifications, poor response, and high background contamination.		Relubricate the turbomolecular pump-bearing wick.
Check baseline level.				
Check values of lens voltages, electron multiplier, and relative abundance and mass assignments of the calibration compounds.		Replace filaments when both filaments burn out or performance indicates the need for replacement.		

APPENDIX B

Suggested Instrument Maintenance Schedules - Mass Spectrometer & Gas Chromatograph (cont.)

GAS CHROMATOGRAPH Instrument Maintenance Schedule (*For GC/MS only.*)	
Daily (when used)	***As Needed***
Check for sufficient supply of carrier and detector gases. Check for correct column flow and/or inlet pressures.	Replace front portion of column packing or guard column or break off front portion of capillary columns. Replace column if this fails to restore column performance or when column performance indicates it is required (e.g., peak tailing, poor resolution, high backgrounds, etc.).
Check temperatures of injectors and detectors. Verify temperature programs.	Change glass wool plug in injection port and/or replace injection port liner when front portion of column packing is changed or front portion of capillary column is removed.
Check inlets, septa. Clean injector port.	Replace septa.
Check baseline level.	Perform gas purity check (if high baseline indicates that impure carrier gas may be in use).
Inspect chromatogram to verify symmetrical peak shape and adequate resolution between closely eluting peaks.	Repair or replace flow controller if constant gas flow cannot be maintained.
	Reactivate flow controller filter dryers when the presence of moisture is suspected.
	Autosampler: Replace syringe, fill wash bottle, dispose of waste bottle contents.

Title: Mercury in Water by Cold Vapor Atomic Absorption (CVAA) [EPA 245.1 and SW 7470A]

Approvals (Signature/Date):

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1.0 Scope and Application

1.1 This procedure describes the preparation and analysis of mercury (Hg, CAS # 7439-97-6) by Cold Vapor Atomic Absorption Spectroscopy (CVAA) using EPA Method 245.1 or SW-846 Method 7470A.

1.2 Method 245.1 is applicable to the determination of mercury in drinking, surface and saline waters, and domestic and industrial wastes. Method 7470 is applicable to the preparation and analysis of mercury in ground water, aqueous samples, wastes, wipes, TCLP, EP and other leachates/extracts.

1.3 All matrices require sample preparation prior to analysis.

1.4 The final reporting limit is 0.0002 mg/L (0.2 μg/L), except for TCLP leachates that have a 0.002 mg/L (2 μg/L) reporting limit.

2.0 Summary of Method

This SOP describes a technique for the determination of mercury in solution. The procedure is a physical method based on the absorption of radiation at 253.7 nm by mercury vapor. A representative portion of the sample is digested in sulfuric and nitric acids. Organic mercury compounds are oxidized with potassium permanganate and potassium persulfate and the mercury reduced to its elemental state with stannous chloride and aerated from solution in a closed system. The mercury vapor passes through a cell positioned in the light path of an atomic absorption spectrophotometer. Absorbance is measured as a function of mercury concentration. Concentration of the analyte in the sample is determined by comparison of the sample absorbance to the calibration curve (absorbance vs. concentration). All sample data are uploaded to the Eurofins Denver LIMS (TALS).

3.0 Definitions

3.1 Dissolved Metals: Those elements that pass through a 0.45-μm membrane. (Sample is acidified after filtration).

3.2 Total Metals: The concentration determined on an unfiltered sample following digestion.

3.3 Refer to the Glossary of the Eurofins Denver Quality Assurance Manual (QAM) and Policy DV-QA-003P *Quality Control Program* for definitions of general analytical and QA/QC terms.

4.0 Interferences

4.1 Chemical and physical interferences may be encountered when analyzing samples using this method.

4.2 Potassium permanganate, which is used to breakdown organic mercury compounds, also eliminates possible interferences from sulfide. Concentrations as high as 20 mg/L of sulfide as sodium sulfide do not interfere with the recovery

of inorganic mercury from reagent water.

4.3 Copper also has been reported to interfere; however, copper concentrations as high as 10 mg/L had no effect on the recovery of mercury from spiked samples.

4.4 Chlorides can cause a positive interference. Seawaters, brines, and industrial effluents high in chlorides will require dilution. During the oxidation step, chlorides are converted to free chlorine, which also absorbs radiation at 253.7 nm. Care must be taken to ensure that free chlorine is absent before the mercury is reduced and swept into the cell. Both inorganic and organic mercury spikes have been quantitatively recovered from seawater using this technique.

4.5 Interference from certain volatile organic materials that absorb at the wavelength used for the method may also occur. If suspected, a preliminary run without stannous chloride can determine if this type of interference is present. While the possibility of absorption from certain organic substances present in the sample does exist, this problem is not routinely encountered. This is mentioned only to caution the analyst of the possibility. If this condition is found to exist, the mercury concentration in the sample can be determined by subtracting the result of the sample run without the reducing reagent (stannous chloride) from that obtained with the reducing reagent.

4.6 Samples containing high concentrations of oxidizable organic materials, as evidenced by high COD levels, may not be completely oxidized by this procedure. When this occurs, the recovery of mercury will be low. The problem can be eliminated by reducing the volume of original sample used.

4.7 The most common interference is laboratory contamination, which may arise from impure reagents, dirty glassware, improper sample transfers, dirty work areas, etc. Be aware of potential sources of contamination and take appropriate measures to minimize or avoid them.

5.0 Safety

5.1 Employees must abide by the policies and procedures in the Corporate Environmental Health and Safety Manual, Radiation Safety Manual and this document.

5.2 This procedure may involve hazardous material, operations and equipment. This SOP does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of the method to follow appropriate safety, waste disposal and health practices under the assumption that all samples and reagents are potentially hazardous. Safety glasses, nitrile gloves, lab coats and closed-toe, nonabsorbent shoes are a minimum.

5.3 Specific Safety Concerns or Requirements

5.3.1 Samples that contain high concentrations of carbonates or organic material or samples that are at elevated pH can react violently when acids are added.

5.3.2 Eye protection that satisfies ANSI Z87.1, laboratory coat, and nitrile or latex gloves must be worn while handling samples, standards, solvents, and reagents. Disposable gloves that have been contaminated must be removed and discarded; non-disposable gloves must be cleaned immediately.

5.3.3 Potassium permanganate is a strong oxidizing agent. It is incompatible and must be stored separately from hydroxylamine hydrochloride and stannous chloride, the reducing agents used in this procedure, and from acids.

5.4 Primary Materials Used

The following is a list of the materials used in this method, which have a serious or significant hazard rating. **Note: This list does not include all materials used in the method. The table contains a summary of the primary hazards listed in the SDS for each of the materials listed in the table.** A complete list of materials used in the method can be found in the reagents and materials section. Employees must review the information in the SDS for each material before using it for the first time or when there are major changes to the SDS.

Material (1)	Hazards	Exposure Limit (2)	Signs and symptoms of exposure
Mercury (1,000 ppm in Reagent)	Oxidizer Corrosive Poison	0.1 mg/m^3 Ceiling (Mercury Compounds)	Extremely toxic. Causes irritation to the respiratory tract. Causes irritation. Symptoms include redness and pain. May cause burns. May cause sensitization. Can be absorbed through the skin with symptoms to parallel ingestion. May affect the central nervous system. Causes irritation and burns to eyes. Symptoms include redness, pain, and blurred vision; may cause serious and permanent eye damage.
Sulfuric Acid	Corrosive Oxidizer Dehydrator Poison Carcinogen	1 mg/m^3-TWA	Inhalation produces damaging effects on the mucous membranes and upper respiratory tract. Symptoms may include irritation of the nose and throat, and labored breathing. Symptoms of redness, pain, and severe burn can occur. Contact can cause blurred vision, redness, pain and severe tissue burns. Can cause blindness.
Hydrochloric Acid	Corrosive Poison	5 ppm-Ceiling	Inhalation of vapors can cause coughing, choking, inflammation of the nose, throat, and upper respiratory tract, and in severe cases, pulmonary edema, circulatory failure, and death. Can cause redness, pain, and severe skin burns. Vapors are irritating and may cause damage to the eyes. Contact may cause severe burns and permanent eye damage.
Nitric Acid	Corrosive Oxidizer Poison	2 ppm-TWA 4 ppm-STEL	Nitric acid is extremely hazardous; it is corrosive, reactive, an oxidizer, and a poison. Inhalation of vapors can cause breathing difficulties and lead to pneumonia and pulmonary edema, which may be fatal. Other symptoms may include coughing, choking, and irritation of the nose, throat, and respiratory tract. Can cause redness, pain, and severe skin burns. Concentrated solutions cause deep ulcers and stain skin a yellow or yellow-brown color. Vapors are irritating and may cause damage to the eyes. Contact may cause severe burns and permanent eye damage.

Material (1)	Hazards	Exposure Limit (2)	Signs and symptoms of exposure
Potassium Permanganate	Oxidizer	5 mg/m^3 for Mn Compounds	Causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath. Dry crystals and concentrated solutions are caustic causing redness, pain, severe burns, brown stains in the contact area and possible hardening of outer skin layer. Diluted solutions are only mildly irritating to the skin. Eye contact with crystals (dusts) and concentrated solutions causes severe irritation, redness, and blurred vision and can cause severe damage, possibly permanent.
Potassium Persulfate	Oxidizer	None	Causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath. Causes irritation to skin and eyes. Symptoms include redness, itching, and pain. May cause dermatitis, burns, and moderate skin necrosis.
1 – Always add acid to water to prevent violent reactions. 2 – Exposure limit refers to the OSHA regulatory exposure limit.			

6.0 Equipment and Supplies

All equipment IDs for any support equipment (pipettes, thermometers, etc.) must be recorded in the batch record.

6.1 Instrumentation

6.1.1 Equipment for digestion capable of maintaining a sample temperature of 90 – 95 °C, such as:

- Digestion Block

  OR

- DEENA II automated digestion block system, SEAL Analytical

6.1.2 Mercury Analyzer:

- Teledyne-Leeman QuickTrace™ M7600 Mercury Analyzer with Autosampler

6.2 Computer Software and Hardware

Please refer to the master list of documents, software and hardware located on R:\QA\Read\Master List of Documents\Master List of Documents, Software and Hardware.xls or current revision for the current software and hardware to be used for data processing.

6.3 Supplies

6.3.1 Disposable digestion tubes with caps, volume accuracy verified once per lot. See DV-QA-0008 *Volumetric Verification* for more information regarding volume verifications.

6.3.2 Disposable glass test tubes, 16mm x 100mm

6.3.3 Argon, 99.999% purity

6.3.4 Calibrated automatic pipettes or Class A glass volumetric pipettes (see SOP DV-QA-0008 *Volumetric Verification* for details on calibrating mechanical pipettes).

6.3.5 Class A volumetric flasks.

6.3.6 Thermometer, non-mercury column, accurate to ±1°C at 95 °C (see SOP DV-QA-0001 *Thermometer Calibration* for calibration details).

7.0 Reagents and Standards

Reagent grade chemicals shall be used in all tests. Unless otherwise indicated, it is intended that all reagents shall conform to the specifications of the Committee on Analytical Reagents of the American Chemical Society, where such specifications are available. Other grades may be used, provided it is first ascertained that the reagent is of sufficiently high purity to permit its use without lessening the accuracy of the determination. Suggested reagent and standard recipes are listed below. Alternate weights and volumes may be used as long as the final concentrations are maintained as listed and the details are recorded in the Reagent module in TALS. All standard concentrations listed below refer to the on-instrument concentration except where otherwise noted.

7.1 **Reagent water:** Must be produced by a Millipore DI system or equivalent. Reagent water must be free of the analytes of interest as demonstrated through the analysis of method blanks.

7.2 **Nitric acid (HNO_3):** concentrated, reagent grade or better.

7.3 **Hydrochloric acid (HCl):** concentrated, reagent grade or better.

7.4 **Sulfuric acid (H_2SO_4):** concentrated, reagent grade or better.

7.5 **Reagent Blank:** This blank solution is used as the Calibration Blank (STD0), Initial Calibration Blank (ICB), Continuing Calibration Blank (CCB), and as the starting solution for the Method Blanks (MBs). It is made as follows:

Add 0.5 L of concentrated HNO_3 to a 50-liter carboy partially filled with reagent water. Dilute to 50 L with reagent water. Mix carefully. Record the acid lot numbers and other required information in the Blank Reagent Logbook stored in the metals prep area.

7.6 **Stannous chloride solution, Hg grade, 10% (w/v) per manufacturer's (CETAC) instructions**

7.6.1 Place approximately 1,000 g of deionized water in a tared 2-L HDPE jar on a top-loading balance.

7.6.2 Add 200 g of $SnCl_2$ to the flask.

7.6.3 Add deionized water until the total weight is 2,000 g.

7.6.4 Place the jar in a fume hood and slowly add 200 mL of concentrated HCl to the flask and swirl to mix.

7.6.5 Close the jar and agitate until the reagent is dissolved.

7.7 Sodium chloride-hydroxylamine hydrochloride solution (Hg grade):

7.7.1 Place approximately 1,666 g of deionized water in a tared 2-L HDPE jar on a top-loading balance.

7.7.2 Add 200 g of NaCl and 200 g of hydroxylamine hydrochloride (Hg grade) to the jar.

7.7.3 Close the jar and agitate until the reagent is dissolved. (Prepare annually.)

NOTE: Hydroxylamine sulfate may be used in place of hydroxylamine hydrochloride.

7.8 Potassium permanganate ($KMnO_4$), 5% solution (w/v):

7.8.1 Place approximately 1,000 g of deionized water in a tared 2-L HDPE jar on a top-loading balance.

7.8.2 Add 100 g of $KMnO_4$ (Hg grade) to the jar.

7.8.3 Add deionized water until the total weight is 2,100 g.

7.8.4 Close the jar and agitate until the reagent is dissolved (prepare annually).

7.9 Potassium persulfate ($K_2S_2O_8$), 5% solution (w/v):

7.9.1 Place approximately 1,000 g of deionized water in a tared 2-L HDPE jar on a top-loading balance.

7.9.2 Add 100 g of $K_2S_2O_8$ (Hg grade) to the jar.

7.9.3 Add deionized water until the total weight is 2,100 g.

7.9.4 Close the jar and agitate until the reagent is dissolved (prepare annually).

7.10 Purchased Mercury Stock Solutions

7.10.1 Primary Mercury Calibration Standard, 1,000 mg/L.

7.10.2 Second-source Mercury Standard (Hg ICV Stock), 1,000 mg/L. This standard is obtained from a different vendor than the Primary Mercury Calibration Standard.

7.11 Calibration Working Standard Solution (Hg Monthly Spike), 10 mg/L.

7.11.1 Add approximately 90 mL of the Reagent Blank solution to a 100 mL

Class A volumetric flask.

7.11.2 Pipet 1.00 mL of the 1,000 mg/L primary mercury calibration standard (see Section 7.10.1) into the flask.

7.11.3 Dilute to the mark on the flask with Reagent Blank.

7.11.4 Stopper the flask and shake to mix.

7.11.5 Transfer the solution to a 125 mL Nalgene bottle.

7.11.6 Document the preparation of the solution in the Reagents module in TALS.

7.11.7 Prepare this solution fresh monthly or more often if necessary.

7.12 Daily Calibration Working Solution (Hg Daily Spk), 100 µg/L

7.12.1 Add approximately 90 mL of the Reagent Blank solution to a 100 mL Class A volumetric flask.

7.12.2 Pipet 1.0 mL of the 10 mg/L Calibration Working Standard solution (see Section 7.11) into the flask.

7.12.3 Dilute to the mark on the flask with the Reagent Blank solution (final volume of 100.0 mL).

7.12.4 Stopper the flask and shake to mix.

7.12.5 Transfer the solution to a 125 mL Nalgene bottle.

7.12.6 Document the preparation of the solution in the Reagents module in TALS.

7.13 Daily Initial Calibration (ICAL) Standards.

7.13.1 To each of seven 50 mL digestion tubes, add approximately 30 mL of the Reagent Blank solution.

7.13.2 For each calibration level, add the appropriate amount of Daily Calibration Working Solution to the tube as indicated in the following table. The final concentration for each calibration level is listed in the following table:

Daily ICAL Standards

Calibration Level	Volume of Daily Calibration Working Solution (100 µg/L) Added (mL)	Final Hg Concentration (µg/L)
1 (Hg STD1 0.1)	0.03	0.06
2 (Hg STD2 0.2)	0.06	0.12
3 (Hg STD3 0.5)	0.15	0.3
4 (Hg STD4 1.0)	0.3	0.6
5 (Hg STD5 2.0)	0.6	1.2
6 (Hg STD6 5.0)	1.5	3.0
7 (Hg STD7 10.0)	3.0	6.0

7.13.3 Close each tube and swirl to mix.

7.13.4 Prepare the calibration standards as samples.

7.13.5 Document the preparation of the solutions in the Reagents Module in TALS.

7.13.6 Prepare the calibration solutions each day prior to calibration.

7.13.7 The calibration blank is titled STD0 in TALS.

7.14 Continuing Calibration Verification Standard (Hg H2O CCV), 3.0 µg/L.

7.14.1 The CCV is prepared exactly as the 3.0 µg/L calibration standard, and from the same source. Refer to Section 7.13.

7.14.2 Prepare sufficient volume of the standard for analysis of a CCV after every 10 samples.

7.15 Second-Source Initial Calibration Verification Intermediate Standard (Hg Biwk ICV), 400 µg/L.

Add 0.04 mL of the 1,000 mg/L ICV stock standard (see Section 7.10.2) to a 100 mL volumetric flask partially filled with the Reagent Blank solution and dilute to the mark. Record this information in the Reagents module in TALS. This standard is made biweekly.

7.16 Second-Source Initial Calibration Verification Daily Working Standard (Hg H20 ICV), 2.4 µg /L.

Add 0.3 mL of the 400 µg/L ICV intermediate standard (see Section 7.15) to a 50 mL digestion tube filled with 30 mL of Reagent Blank. Prepare as a sample. Record this information in the Reagent Module in TALS.

7.17 Laboratory Control Sample (LCS), 3 µg/L

The LCS is prepared by adding 1.5 mL of the 100 µg/L Daily Calibration Working Standard (Section 7.12) to 30 mL of Reagent Blank solution in a digestion tube. The LCS goes through the same digestion process as the samples.

7.18 Matrix Spike and Matrix Spike Duplicate (MS/MSD), 3 µg/L

7.18.1 The MS is prepared by adding 1.5 mL of the 100 µg/L Daily Calibration Working Solution (Section 7.12) to a digestion tube containing a second 30-mL aliquot of the selected matrix sample.

7.18.2 The MSD is prepared in the same manner as the MS using a third aliquot of the selected sample.

7.18.3 The MS and MSD go through the same digestion process as the samples.

7.19 Reporting Limit (RL/CRA) Check Standard (Hg H2O RL), 0.12 µg/L

The 0.12 µg/L calibration standard (see Section 7.13) is analyzed as a sample to verify the reporting limit. Denoted as CRA in the run sequence.

8.0 Sample Collection, Preservation, Shipment and Storage

Sample container, preservation techniques and holding times may vary and are dependent on sample matrix, method of choice, regulatory compliance, and/or specific contract or client requests. Listed below are the holding times and the references that include preservation requirements.

Matrix	Sample Container	Min. Sample Size	Preservation	Holding Time [1]	Reference
Water	HDPE	50 mL	HNO_3, pH < 2	28 Days	40 CFR Part 136.3

[1] Inclusive of digestion and analysis.

9.0 Quality Control

9.1 The minimum quality controls (QC), acceptance criteria, and corrective actions are described in this section. When processing samples in the laboratory, use the LIMS Method Comments to determine specific QC requirements that apply. For SOPs that address only preparation, QC acceptance limits on the analytical results are not included. Refer to the appropriate SOP that describes the determinative method.

9.1.1 The laboratory's standard QC requirements, the process of establishing control limits, and the use of control charts are described more completely in Eurofins Denver policy DV-QA-003P *Quality Control Program*.

9.1.2 Specific QC requirements for Federal programs, e.g., Department of Defense (DoD), Department of Energy (DOE), etc., are described in

Eurofins Denver policy DV-QA-024P *QA/QC Requirements for Federal Programs*. This procedure meets all criteria for DoD/DOE QSM unless otherwise stated. Any deviation or exceptions from QSM requirements must have prior approval in the project requirements.

9.1.3 Project-specific requirements can override the requirements presented in this section when there is a written agreement between the laboratory and the client, and the source of those requirements should be described in the project documents. Project-specific requirements are communicated to the analyst via Method Comments in the LIMS and the Quality Assurance Summaries (QAS) in the public folders.

9.1.4 Any QC result that fails to meet control criteria must be documented in a Nonconformance Memo (NCM). The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. This is in addition to the corrective actions described in the following sections.

9.2 Sample QC

9.2.1 Preparation Batch

A group of up to 20 samples that are of the same matrix and are processed together using the same procedures and reagents. The preparation batch must contain a method blank (MB) and a laboratory control sample (LCS). A matrix spike/matrix spike duplicate (MS/MSD) pair must be included with every 20 samples (every 10 samples for EPA 245.1). As discussed in the following sections, special program or project requirements can include additional requirements. Always refer to special project instructions for details before proceeding with the analysis.

9.2.2 Method Blank (MB)

The method blank consists of Reagent Blank solution containing all reagents specific to the method that is carried through the entire analytical procedure, including preparation and analysis. At least one method blank must be processed with each preparation batch.

Acceptance Criteria: The result for the method blank must be less than the project-specific data quality objectives. In the absence of project-specific data quality objectives, the blank must be less than ½ the reporting limit or less than 10% of the mercury concentration found in the associated samples, whichever is higher.

For DoD QSM specific criteria see SOP DV-QA-024P *QA/QC Requirements for Federal Programs*.

Corrective Action: All samples associated with an unacceptable method blank must be re-prepared and reanalyzed. If mercury was not detected in the samples, the data may be reported with qualifiers (check project requirements to be sure this is allowed) and it must be addressed in the project narrative.

9.2.3 Laboratory Control Sample (LCS)

The LCS is a blank to which a known concentration of the target analyte has been added. At least one aqueous LCS must be processed with each preparation batch. The LCS must be carried through the entire analytical procedure.

Acceptance Criteria: Maximum control limits for LCS recoveries for Method 245.1 are 85-115%. Maximum control limits for LCS recoveries for Method 7470A are 80-120%. In-house control limits based on three standard deviations of the mean of past results are used as long as they are at least as tight as the limits in the methods (see Eurofins Denver Policy DV-QA-003P *Quality Control Program* for further details on establishing control limits).

For DoD QSM specific criteria see SOP DV-QA-024P *QA/QC Requirements for Federal Programs*.

Corrective Action: If LCS recoveries are outside established control limits, the system is out of control and corrective action must occur. If recoveries are above the upper control limit and mercury is not detected in samples, the data may be reported with qualifiers (check project requirements to be sure this is allowed) and it must be addressed in the project narrative. In other circumstances, the entire batch must be re-prepared and reanalyzed.

9.2.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

A matrix spike (MS) is a second aliquot of a selected field sample to which known concentrations of target analytes have been added. A matrix spike duplicate (MSD) is a third aliquot of the same sample (spiked exactly as the MS) prepared and analyzed along with the sample and matrix spike. One MS/MSD pair must be processed for every 10 samples for EPA 245.1. For 7470A one pair must be processed for each preparation batch. Some programs may require the use of sample duplicates in place of or in addition to MS/MSDs. In addition, some programs will allow spikes to be reported for project-related samples only. Spiking levels are provided in Attachment 1. When the MS/MSD concentration is above the linear range; the MS/MSD and parent sample **MUST** be re-analyzed at a dilution. When there is no

assigned MS/MSD or there is not enough sample volume provided an LCSD must be prepared.

Acceptance Criteria: The MS and MSD recoveries and the relative percent difference (RPD) between the MS and MSD results must be within the established control limits. Percent recovery control limits are set at ± 3 standard deviations around the historical mean of the LCS recovery data, unless otherwise dictated by the client or project. The RPD control limit is set at 3 standard deviations above the mean of the historical data.

NOTE: DOD QSM limits apply to projects performed under these programs.

Corrective Actions: The information obtained from MS data are sample/matrix specific and are not normally used to determine the validity of the entire batch. If the MS and/or MSD recovery falls outside of the established control limits, the bracketing CCV and batch LCS recoveries must be within control limits in order to accept results for the associated samples. The following corrective actions are required for MS/MSD recovery failures to rule out lab error:

- Check calculation and instrument performance.
- Verify, if possible, that the MS and MSD were spiked correctly (e.g., very low or very high recoveries).
- Consider objective evidence of matrix interference (e.g., heterogeneous sample, interfering peaks seen on chromatograms, or interference demonstrated by prior analyses).
- Flag the data for any results outside of acceptance limits.
- For any single RPD failure, check calculations; verify, if possible, that the MS and MSD were spiked correctly; check instrument performance; consider objective evidence of matrix interference or sample inhomogeneity; and flag the data.

- If both the parent sample and associated matrix spike results are over range the parent and the spikes shall be diluted by the same amount and the results from the reanalysis reported for both. If the analyte concentration in the parent sample is greater than four times the concentration of spike added, then spike recovery results are not compared to control limits, and the recovery is either reported as “NC” (not calculated) or with a qualifier flag to indicate that the spike was less than four times the analyte concentration in the sample. If the dilution will cause the spike to be less than two times the reporting limit, the MS/MSD do not need to be diluted and the recovery reported as “NC” (not calculated).

- For MS/MSD that serve as batch QC, if the parent sample result is within the calibration range and the MS/MSD results are above the calibration range, the results are reported with the MS/MSD result being flagged as an over-range measurement (e.g., the E-flag qualifier).

- If the MS/MSD are client requested, the parent sample result is within calibration range and the MS/MSD results are above the calibration range, the sample and spike should be diluted, keeping in mind that we need to assess whether or not the dilution will best serve the client’s needs. Consult with the PM as needed. Both the parent sample and MS/MSD samples must have the same dilution factor. Some EDDs do not accept data that are at different dilution factors.

- If the native analyte concentration in the MS/MSD sample exceeds 4 times the spike level for that analyte, the recovery data are reported as NC (i.e., not calculated) and the appropriate qualifier flags are added.

NOTE 1: See Denver Policy Memorandum P16-001 and Corporate Policy Memorandum CA-Q-QM-013 for more detail.

NOTE 2: Some client programs require reanalysis to confirm matrix interferences. Check special project requirements for this corrective action.

9.2.5 Serial Dilution

Some programs require that a fivefold (1+4) dilution must be included in each analytical batch for each sample matrix. A serial dilution will be performed once per prep batch for DOD samples.

Acceptance Criteria: The results must be within 10% of the expected value, assuming that the initial sample concentration is at least 50x LOQ.

Corrective Action: If the control limit is not met, all associated sample results must be qualified and the failure addressed in the narrative.

9.2.6 Post-Digestion Spike

Some programs require the inclusion of a post-digestion spike in each analytical batch. The post-digestion spike is prepared by adding 0.3 mL of the 100 µg/L Daily Calibration Working Solution to 9.7 mL of sample digestate. Post-digestion spikes are performed as an additional check for matrix interference. A post digestion spike will be performed once per prep batch for DOD samples. This may be omitted for DOD samples if the MS and MSD are passing criteria.

Acceptance Criteria: The percent recovery limits for the post-digestion spike are 80 to 120%.

9.2.7 ***Corrective Action:*** *If the acceptance criteria are not met, all associated sample results must be qualified.*

9.2.8 Method of Standard Addition (MSA)

The method of standard additions is an option for the analysis of samples shown to have significant matrix effects, e.g., unacceptably low MS/MSD recoveries or under certain conditions for TCLP analysis (see Attachment 3).

9.3 Instrument QC

9.3.1 Initial Calibration (ICAL)

9.3.1.1 Detailed information regarding calibration models and calculations can be found in NDSC Policy NDSC-QA-QP44940 *Calibration Curves & Selection of Calibration Points*.

9.3.1.2 Calibration must be performed daily (every 24 hours) and each time the instrument is set up. All calibration standards

and calibration QC samples will be recorded in prep batches and prepared as samples. The instrument calibration date and time must be included in the raw data.

9.3.1.3 Calibrate using seven standards and a blank. The concentration levels are listed in Attachment 1.

NOTE: It is generally not acceptable to reject calibration points for this method.

9.3.1.4 The calibration curve must have a coefficient of determination (r^2) of $\geq$ 0.995 for an unweighted linear regression or the instrument shall be stopped and recalibrated prior to running samples. Sample results cannot be reported from a curve with an unacceptable coefficient of determination.

9.3.1.5 The relative standard error (RSE) for the calibration curve must be +/- 20% or the instrument shall be stopped and recalibrated prior to running samples.

9.3.1.6 Record the microabsorbance for the 10 ppb standard in the instrument maintenance logbook.

9.3.2 Initial and Continuing Calibration Blanks

9.3.2.1 An initial calibration blank is tested immediately after the daily ICAL standards.

Acceptance Criteria: Absolute values for the calibration blanks must be less than ½ the standard RL or (for 7470A only) <10% the amount measured in any sample. Client specific requirements take precedence. For DoD QSM specific criteria see SOP DV-QA-024P *QA/QC Requirements for Federal Programs*.

Corrective Action: If the blank acceptance limit is exceeded, the analysis should be terminated, the source of contamination identified, and the instrument recalibrated.

9.3.2.2 Continuing calibration blanks are run after every 10 samples and at the end of the run.

Acceptance Criteria: Absolute values for the calibration blanks must be less than ½ the standard RL or (for 7470A only) <1/10 the amount measured in any sample. Client specific requirements take precedence.

Corrective Action: If the blank acceptance limit is exceeded, the analysis should be terminated, the source of contamination identified, and the instrument recalibrated.

9.3.3 Initial Calibration Verification (ICV), 2.4 µg/L

The accuracy of the calibration standards is verified by testing a second source standard (ICV).

Acceptance Criteria: The ICV result must be within 5% of the true value for 245.1 and within 10% for 7470A.

Corrective Action: If the ICV acceptance limit is exceeded, correct any problems then rerun the ICV. If that fails the analysis should be terminated, the accuracy of the calibration standards checked, and the instrument recalibrated.

9.3.4 Reporting Limit Check Standard (RL), 0.12 µg/L

The accuracy of results at the reporting limit is verified by testing a standard in every analytical run that is prepared at the reporting limit concentration.

Acceptance Criteria: The results for this standard must be within 50% of the expected value or 20% for 7470A for QSM.

Corrective Action: If the RL check acceptance limit is exceeded, the analysis should be terminated, the instrument operation checked, and the instrument recalibrated.

9.3.5 Continuing Calibration Verification (CCV), 3.0 µg/L

Calibration accuracy is monitored throughout the analytical run through the analysis of a known standard after every 10 samples and at the end of the run. The CCV must be a mid-range standard at a concentration other than that of the ICV.

Acceptance Criteria: The CCV result must fall within 10% of the true value. For 7470A non-QSM samples it may fall within 20%. See note below for exception.

Correction Action: Sample results may be reported only when bracketed by valid CCV pairs. If a mid-run CCV fails, the CCV may be re-analyzed once without modification to the instrument‘s operating conditions. If the re-analyzed CCV is found to be in control, the CCV analysis must be repeated

with successful results or the analysis must be terminated, the problem corrected, the instrument recalibrated, the calibration verified and the affected samples reanalyzed. If the cause of the CCV failure was not directly instrument related, the associated samples must be re-prepared and reanalyzed.

NOTE: For EPA 245.1, the first CCV following the initial calibration must fall within 5% of the true value or the analytical run must be stopped, the failure investigated, and the instrument recalibrated.

9.3.6 Linear Range

Eurofins Denver does not report values greater than the highest standard (10 µg/L) used for calibration. Any sample concentration greater than 90% of the highest standard will be diluted. The calibration curve is validated by running 3 check standards, 0.12 µg/L (CRA), 3 µg/L (CCV), and 2.4 µg/L (ICV), during the analytical run. No further linear range study is warranted.

10.0 Procedure

10.1 One-time procedural variations are allowed only if deemed necessary in the professional judgment of supervision to accommodate variation in sample matrix, radioactivity, chemistry, sample size, or other parameters. Any variation in procedure shall be completely documented using an NCM. The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. The NCM shall be filed in the project file and addressed in the case narrative.

10.2 Any deviations from this procedure identified after the work has been completed must be documented in an NCM, with a cause and corrective action described.

10.3 Sample Preparation

NOTE: Record the IDs of all pipettes and thermometers in the TALS batch record.

10.3.1 All calibration and calibration verification standards (ICV, ICB, CCV, CCB), as well as the field samples, are processed through the digestion procedure.

10.3.2 Transfer 30.0 mL of well mixed sample to a clean sample digestion tube. Leach samples may need to be diluted as they may not hold the permanganate. Analysts will use best judgement to choose the lowest dilution reasonable for leach samples. The calibration standards may be prepared in duplicate to ensure sufficient volume to complete the analytical sequence. Additional aliquots of CCV and CCB solution may

have to be prepared for larger sample runs to ensure that CCV and CCB samples bracket every 10 samples in the analytical sequence.

10.3.3 Prepare a MB, LCS, MS, and MSD for each batch.

10.3.3.1 The MB consists of 30.0 mL of Reagent Blank solution.

10.3.3.2 The LCS is prepared by adding 1.5 mL of the 100 µg/L Daily Calibration Working Solution to 30 mL of Reagent Blank in a digestion tube.

10.3.3.3 The MS is prepared by adding 1.5 mL of the 100 µg/L Daily Calibration Working Solution to a digestion tube containing a second 30-mL aliquot of the selected sample.

10.3.3.4 The MSD is prepared in the same manner as the MS using a third aliquot of the selected sample.

10.3.4 If using the manual hot block procedure, perform the following steps.

10.3.4.1 Add 1.5 mL of concentrated H_2SO_4 and 0.75 mL of concentrated HNO_3 to the samples in the digestion tubes, mixing after each addition.

10.3.4.2 Add 4.5 mL of 5% potassium permanganate solution to each sample. For samples high in organic materials or chlorides, dilute the sample until the purple color persists for at least 15 minutes.

10.3.4.3 Add 2.4 mL of potassium persulfate solution, cap the vial, and heat for two hours at 90 - 95°C. Record the start and stop times and the initial and final temperatures on the bench sheet. Observed temperatures and thermometer correction factors must be recorded in addition to the corrected temperature. Verify that a purple color persists or a black precipitate is present after the two hours of heating. If this is not true, repeat the digestion using a smaller aliquot of sample.

10.3.4.4 Allow the samples and standards to cool at room temperature. Bring to final volume of 50mL using 1% nitric acid.

10.3.5 For automated digestion using DEENA system, load samples into auto-digester and perform the following steps.

10.3.5.1 Set temperature to 105°C (or adjusted as needed to meet temperature requirements). Verify temperature is between 92-98° using thermometer.

10.3.5.2 Load workspace for appropriate method. Select sample locations and load all samples and standards onto racks.

10.3.5.3 Dispense 0.75mL nitric acid, mix for 30 seconds

10.3.5.4 Dispense 1.5mL sulfuric acid, mix for 30 seconds

10.3.5.5 Dispense 4.5mL potassium permanganate. Wait for 15 minutes and pause the program. Visually ensure purple color persists, and re-start with diluted samples as needed.

10.3.5.6 Dispense 2.4mL potassium persulfate. Pause the program and cap samples.

10.3.5.7 Heat for 20 minutes, record the temperature, and continue heating for an additional 100 minutes. Record the temperature again.

10.3.5.8 Cool for 20 minutes, set temperature to 20°C, pause the program. Verify that purple color persists or a black precipitate is present. If this is not true, repeat digestion using a smaller sample aliquot.

10.3.5.9 Dispense 1% nitric acid to final volume of 50mL.

10.4 Calibration

10.4.1 All calibration standards are digested together with samples, as described in Section 10.3, prior to analysis.

10.4.2 Set up the instrument with the operating parameters recommended by the manufacturer. Allow the instrument to become thermally stable before beginning calibration by starting the gas, lamp, heater, and sample pump (approximately 30 minutes of warm-up is required).

10.4.3 The mercury analyzer method uses external standard calibration. Use of an internal standard for this method is not appropriate.

10.5 Sample Analysis

NOTE: Because of differences between various makes and models of CVAA instrumentation, detailed push-button operating instructions are not provided here. Refer to the specific instrument-operating manual for detailed autosampler setup and operation protocols.

NOTE: The injection of samples and the addition of stannous chloride are done automatically by the instrument. Refer to the specific instrument manual for details.

10.5.1 When ready to begin analysis, add 1.8 mL of sodium chloride-hydroxylamine hydrochloride solution to the samples to reduce the excess permanganate (the permanganate has been reduced when no purple color remains). If using automated method, this step can be performed by the DEENA system.

10.5.2 Add additional Reagent Blank to the samples, QC samples and calibration standards to bring the final volume of each sample to 50 mL.

10.5.3 Aliquot each sample and calibration standard into a disposable test tube for analysis.

10.5.4 All measurements must fall within the defined calibration range to be valid. Dilute and reanalyze all samples that are within 10% of the highest calibration standard.

10.5.5 If the sample results are negative and the absolute value is greater than the reporting limit, the sample must be diluted and reanalyzed.

10.5.6 The samples must be allowed to cool to room temperature prior to analysis or a decrease in the response signal can occur.

10.5.7 Baseline correction is acceptable as long as it is performed after every sample or after the CCV and CCB.

10.5.8 The analytical sequence listed below must be followed. Refer to Quality Control Section 9.0 and Attachment 2 for quality control criteria to apply to Method 245.1.

Instrument Calibration
ICV
ICB
CRA
Maximum of 10 samples
CCV
CCB
Repeat sequence of 10 samples between CCV/CCB pairs as required to complete the run.
CCV
CCB

NOTE: Samples included in the count between CCVs include the method blank, LCS, MS, MSD, and field samples.

10.5.9 For TCLP samples, full four-point MSA may be performed upon special request and if all of the following conditions are met:

- Recovery of the analyte in the matrix spike is <50%;
- The concentration of the analyte does not exceed the regulatory level; and
- The concentration of the analyte is within 20% of the regulatory level.
- The reporting and matrix spike levels for TCLP analyses are detailed in Attachment 1. Attachment 3 provides guidance on performing MSA analyses. For TCLP mercury determinations, MSA spikes must

be added prior to sample preparation.

10.5.10 To facilitate the early identification of QC failures and samples requiring rerun, it is strongly recommended that sample data be reviewed periodically throughout the run.

10.5.11 See Attachment 5 for guidelines for minimizing contamination of samples and standards. See Attachments 4 and 6 for guidance on troubleshooting and preventive maintenance.

11.0 Calculations / Data Reduction

11.1 Detailed calibration equations can be found in the NDSC Policy NDSC-QA-QP44940 *Calibration Curves & Selection of Calibration Points* and under the public folder, *Arizona Calibration Training*.

11.2 LCS and ICV/CCV Percent Recovery

$$\text{Control Spike Recovery} = \frac{S_{SR}}{S_A} \times 100\%$$

Where (in µg/L):

S_{SR}	=	Calculated analyte concentration of spiked sample
S_A	=	Concentration of standard added

11.3 MS / MSD Percent Recovery Calculation

$$\text{Matrix Spike Recovery} = \frac{S_{SR} - S_R}{S_A} \times 100\%$$

Where (in µg/L):

S_{SR}	=	Calculated analyte concentration of spiked sample
S_R	=	Calculated analyte concentration of parent sample
S_A	=	Concentration of standard added

Relative Percent Difference Calculation for the MS/MSD:

$$RPD = \frac{|MS_R - MSD_R|}{1/2(MS_R + MSD_R)} \times 100$$

Where:

RPD	=	Relative percent difference
MS_R	=	Matrix spike result of analyte
MSD_R	=	Matrix spike duplicate result of analyte

11.4 Precision (RPD)

$$MatrixDuplicateRPD = \frac{|OrigSampleValue - DupSamplValue|}{1/2|OrigSampleValue - DupSamplValue|} \times 100$$

11.5 Calculating concentration in aqueous samples:

$$\text{Concentration, } \mu g/L = \frac{C_{ex}V_t}{V_o} \text{ x } D$$

Where:

C_{ex}	=	Concentration (µg/L) from instrument readout
V_t	=	Final volume in liters after sample preparation
V_o	=	Initial volume of sample digested in liters
D	=	Instrument Dilution Factor

11.6 Calculating concentration in soil samples:

The concentration in a sediment/soil, sludge (on a dry-weight basis) and waste (normally on a wet-weight basis) is calculated as follows:

$$\text{Concentration, } \mu g/kg = \frac{C_{ex}V_t}{W_s D_1} \text{ x D}$$

Where:

C_{ex}	=	Concentration (µg/L) from instrument readout
V_t	=	Final volume in liters after sample preparation
W_s	=	Weight of sample digested in kilograms
D_1	=	(100 - % moisture in sample)/100, or a dry-weight basis or 1 for a wet-weight basis
D	=	Instrument Dilution Factor

11.7 Appropriate factors must be applied to sample values if dilutions are performed.

11.8 Sample results should be reported with up to three significant figures in accordance with the Eurofins Denver significant figure policy (DV-QA-004P *Rounding and Significant Figures*).

11.9 Documentation and Record Management

11.9.1 All sample data is uploaded to TALS. All sample preparation and analytical batch information, including the batch number(s), list of samples, preparation analyst and date, instrument analyst and date, identification of reagents and standards used, and identification of all measuring equipment used (e.g., balances, thermometers, pipettes) is recorded in TALS.

11.9.2 Raw data is scanned or saved directly as a PDF and is attached to the analytical batch in TALS.

11.9.3 The initial data review is performed by the analyst and a second-level review is performed by the area supervisor or designee. Both reviews are documented on a Data Review Checklist. See SOP DV-QA-0020 *Data Review* for more detail on the review process.

11.9.4 If dilutions are required due to insufficient sample, interferences, or other problems, the reporting limit and MDL are multiplied by the dilution factor and the data may require flagging.

NOTE: Unless special instructions indicate otherwise, sample results less than the reporting limit are reported as ND.

12.0 Method Performance

12.1 Method Detection Limit Study (MDL)

The method detection limit (MDL) is the lowest concentration that can be detected for a given analytical method and sample matrix with 99% confidence that the analyte is present. MDLs reflect a calculated (statistical) value determined under ideal laboratory conditions in a clean matrix, and may not be achievable in all environmental matrices. An initial method detection limit study is performed in accordance with Policy CA-Q-S-006 *Detection and Quantitation Limits*. The laboratory maintains MDL studies for analyses performed; these are verified at least annually unless method or program requirements require a greater frequency. For DoD, DOE and TX TRRP projects, an MDL verification is performed quarterly.

12.2 Limit of Quantitation Verification (LOQV)

The verification of the limit of quantitation (LOQ or LLOQ) is performed quarterly for work performed according to the DOD/DOE QSM. A blank matrix is spiked at 1-2 the laboratory RL and carried through the entire preparation and analytical procedures. Recoveries are assessed based on historical limits.

12.3 Demonstration of Capabilities

All personnel are required to perform an initial demonstration of proficiency (IDOC) on the instrument they will be using for analysis prior to testing samples. On-going proficiency must be demonstrated annually. IDOCs and on-going proficiency demonstrations are conducted according to SOP DV-QA-0024 *Training*.

12.4 Training Requirements

The Group Leader is responsible for ensuring that this procedure is performed by an associate who has been properly trained in its use and has the required experience. A new analyst must be working under documented supervision prior to approval of the IDOC. Documentation that a new analyst is performing under supervision must be entered into the batch record (View Batch Information) until that analyst's IDOC has been approved by the QA Manager (or designee). See requirements for demonstration of analyst proficiency in SOP DV-QA-0024 *Training*.

13.0 Pollution Control

It is Eurofins Denver's policy to evaluate each method and look for opportunities to minimize waste generated (i.e., examine recycling options, order chemicals based on quantity needed, and prepare reagents based on anticipated usage and reagent stability).

14.0 Waste Management

14.1 All waste will be disposed of in accordance with Federal, State, and local regulations. Where reasonably feasible, technological changes have been implemented to minimize the potential for pollution of the environment. Employees will abide by this procedure, the policies in Section 13, *Waste Management and Pollution Prevention*, of the Corporate Environmental Health and Safety Manual, and Policy DV-HS-001P *Waste Management Plan*.

14.2 The following waste streams are produced when this method is carried out:

14.2.1 Aqueous Acidic (Metals) - Corrosive - Waste Stream J

14.2.2 Expired reagents and standards – Contact the Waste Coordinator.

NOTE: Radioactive waste, mixed waste, and potentially radioactive waste must be segregated from non-radioactive waste as appropriate. Contact the Waste Coordinator for proper management of these materials.

15.0 References / Cross-References

15.1 "Methods for the Determination of Metals in Environmental Samples", EPA-600/R-94/111, U.S.EPA, 1994, Method 245.1, Revision 3.0, "Determination of Mercury in Water by Cold Vapor Atomic Absorption Spectrometry."

15.2 Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, Final Update II, Revision I, September 1994, Method 7470A (Mercury).

15.3 Department of Defense Quality Systems Manual for Environmental Laboratories, Final Version 4.2, 10/25/2010.

15.4 U.S.EPA Statement of Work for Inorganics Analysis, ILMO3.0.

15.5 Department of Defense Quality Systems Manual for Environmental Laboratories, Final Version 5.0-5.3

16.0 Method Modifications:

Item	Method	Modification
1	EPA 245.1	This SOP allows for the use of reduced sample volumes to decrease waste generation. Reagent levels are adjusted to maintain the same ratios as stated in the source methods. According to a letter from Robert Booth of EPA EMSL-Cinn to David Payne of EPA Region V, "Reduction in sample size and appropriate corresponding reduction in sample volume is not considered a significant change in the methodology."

2	EPA 245.1	Method 245.1 Section 12.8 states that concentrations between 1 and 10 µg/L should be reported to one significant figure, and results above 10 µg/L to the nearest µg/L unit value (e.g. two figures in 10-99 µg/L range, three figures in 100-999 µg/L range, etc.). Eurofins Denver reports all Hg results under this SOP to two significant figures.
3	EPA 245.1	Method 245.1, Section 11.2.2, states that the calibration standards are not heated. Eurofins Denver does not heat the calibration standards associated with drinking water compliance samples, but does heat the calibration standards for all other samples.
4	EPA 245.1	Method 245.1 Section 9.3.4 states that the calibration blanks should be controlled to less than the MDL. Eurofins Denver controls all calibration blanks to ½ the reporting limit.
5	EPA 245.1	Method 245.1 Section 9.3.1 states that the method blanks should be controlled to less than 2.2 times the MDL. Eurofins Denver controls all method blanks to ½ the reporting limit as per corporate policy.

Item	Method	Modification
1	EPA 7470A	Chapter 1 of SW846 specifies the use of reagent water with a purity equivalent to ASTM Type II water. This SOP specifies the use of a Millipore DI system or equivalent to produce reagent water. This SOP requires that reagent water must be free of the analytes of interest as demonstrated through the analysis of method blanks.
2	EPA 7470A	This SOP allows for the use of reduced sample volumes to decrease waste generation. Reagent levels are adjusted to maintain the same ratios as stated in the source methods. According to a letter from Robert Booth of EPA EMSL-Cinn to David Payne of EPA Region V, "Reduction in sample size and appropriate corresponding reduction in sample volume is not considered a significant change in the methodology."
3	EPA 7470A	Methods 7470A and 7471A state that working mercury standards "should be prepared fresh daily." The laboratory frequently prepares up to three batches of mercury samples, including digested calibration standards, each day. The third batch is typically prepared and digested late in the day, and then is analyzed the morning of the next day. The laboratory has developed the following information demonstrating that analysis within 24 hours, but on the second calendar day from preparation produces reliable results and is acceptable to the EPA: • Successful proficiency testing PT results for samples that were prepared and analyzed within 24 hours, but on successive days (e.g., ERA WP-66); • Successful analysis of true NIST mercury standards within every analytical batch; and • A written comment from the EPA MICE Hotline stating that, with the supporting lab data, their opinion was that the laboratory's practice is "within the letter of the method as written."
4	EPA 7470A	Chapter 1 of SW-846 states that the method blank should not contain any analyte of interest at or above the MDL. This SOP states that the method blank must not contain any analyte of interest at or above ½ the reporting limit.
5	EPA 7470A	Method 7470A states that a PDS and SD must be performed for each preparation batch. This SOP specifies that the PDS and SD must be run for batches with DOD samples only.

17.0 Attachments

Attachment 1: Mercury Reporting Limits, Calibration Levels, QC Standard and Spiking Levels
Attachment 2: Summary of Quality Control Requirements
Attachment 3: MSA Guidance
Attachment 4: Troubleshooting Guide
Attachment 5: Contamination Control Guidelines
Attachment 6: Preventative Maintenance

18.0 Revision History

This section has been added beginning with Revision 0. Only details of the last two revisions are incorporated into this SOP. Prior revisions are documented in the QA files and available upon request.

- Revision 17, dated 28 July 2023
  - Updated section 6.3.1 to include once per lot
  - Corrected recipe in section 7.7 to be correct to the method and what is performed in the lab
  - Changed language in section 9.2.1 to clarify batch qc frequency for EPA.
  - Updated section 9.2.5-6 to include information about DOD samples
  - Corrected typo in section 9.3.1.4 from correlation coefficient to coefficient of determination. Added information about RSE acceptability.
  - Updated 9.3.3 to include clarification on corrective action for ICV
  - Updated 10.3.2 to include statement about dilutions for leach samples
  - Corrected typos in section 10.5.8
  - Updated section 16.0 to include information about serial dilution and post digestion spike

- Revision 16, dated 10 May 2023
  - Updated copyright information.
  - Changed Eurofins TestAmerica to Eurofins Denver throughout.
  - Updated sections to include information for both EPA 245.1 and SW 7470A: 1.0, 9.2.2, 9.2.3, 9.2.4, 9.2.5, 9.3.2.1, 9.3.2.2, 9.3.3, 9.3.4, 9.3.5, 10.3, 15.0, 16.0
  - Updated section 6.1.2 with correct instrument name
  - Updated 6.3.1 to accurately reflect volume verifications
  - Updated Section 7.0 (specifically 7.2, 7.3, 7.4, 7.7.4, 7.8.4, 7.9.4, 7.15) to accurately reflect the reagents used and the preparation of reagents.
  - Removed extraneous CCV and CCB from section 10.5.8

Attachment 1

Mercury Reporting Limits, Calibration Levels, QC Standard and Spiking Levels (µg/L)

	Value at Instrument	Final Value
Standard Aqueous RL	0.12	0.2
Std 0	0	0
Std 1	0.06	0.1
Std 2	0.12	0.2
Std 3	0.3	0.5
Std 4	0.6	1.0
Std 5	1.5	2.0
Std 6	3.0	5.0
Std 7	6.0	10.0
ICV	2.4	4.0
CCV	3.0	5.0
LCS	3.0	5.0
Aqueous MS	3.0	5.0

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Attachment 2

Summary of Quality Control Requirements

QC Parameter	Frequency	Acceptance Criteria	Corrective Action
ICV	Beginning of every analytical run.	EPA 245.1: 95 - 105% recovery SW 7470A: 90 - 110% recovery	Terminate analysis; Correct the problem; Recalibrate or reprep batch (see Section 9.3.3).
RL Check Standard (CRA)	Following the ICV	50-150% recovery, QSM 80-120%. For DoD QSM specific criteria see SOP DV-QA-024P *QA/QC Requirements for Federal Programs*	Terminate analysis; correct the problem; recalibrate or re-prepare and reanalyze batch.
ICB	Beginning of every analytical run, immediately following the ICAL.	Absolute value must be < ½ RL <LOD for DoD	Terminate analysis; Correct the problem; Recalibrate or reprep batch (see Section 9.3.1.1.1).
CCV	Every 10 samples and at the end of the run.	EPA 245.1: 90 - 110% recovery (The first CCV after the ICAL must meet 95 - 105% recovery) SW 7470A: 80 - 120% recovery, QSM 90-110%. For DoD QSM specific criteria see SOP DV-QA-024P *QA/QC Requirements for Federal Programs*	Terminate analysis; Correct the problem; Recalibrate and rerun all samples not bracketed by acceptable CCV or reprep batch (see Section 9.3.5).
CCB	Immediately following each CCV.	EPA 245.1: Absolute value must be < ½ RL SW 7470A: Absolute value must be < ½ RL or <1/10 sample concentration	Terminate analysis; Correct the problem; Recalibrate and rerun all samples not bracketed by acceptable CCB or reprep batch (see Section 9.3.1.1.2).
Method Blank	One per sample preparation batch of up to 20 samples.	The result must be less than 1/2 the RL. Sample results greater than 10x the blank concentration are acceptable.	Re-digest and reanalyze samples. Note exceptions under criteria section (see Section 9.2.2).
Laboratory Control Sample (LCS)	One per sample preparation batch of up to 20 samples.	In-house 3 standard deviation control limits, not to exceed EPA 245.1: 85-115% recovery SW 7470A: 80-120% recovery.	Terminate analysis; Correct the problem; Re-digest and reanalyze all samples associated with the LCS (see Section 9.2.3).
Matrix Spike	One per 10 samples preparation batch of up to 20 samples.	In-house 3 standard deviation control limits, not to exceed EPA 245.1: 70-130% recovery SW 7470A: 75-125% recovery	In the absence of client-specific requirements, flag the data (see Section 9.2.4).

Matrix Spike Duplicate	See Matrix Spike	In-house 3 standard deviation control limits, not to exceed 20% RPD	See Corrective Action for Matrix Spike (see Section 9.2.4).

Attachment 3

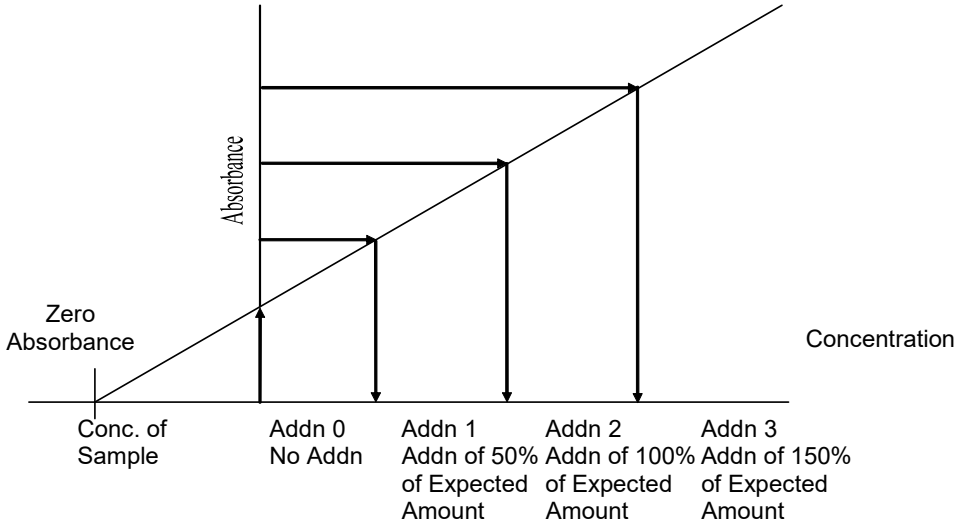
MSA Guidance

Method of Standard Addition (MSA)

Four equal volume aliquots of sample are measured and known amounts of standards are added to three of the aliquots. The fourth aliquot is the unknown and no standard is added to it. The concentration of standard added to the first aliquot should be 50% of the expected concentration. The concentration of standard added to the second aliquot should be 100% of the expected concentration, and the concentration of standard added to the third aliquot should be 150% of the expected concentration. The volume of the unspiked and spiked aliquots should be the same (i.e., the volume of the spike added should be negligible in relation to the volume of sample).

To determine the concentration of an analyte in the sample, the absorbance (or response) of each solution is determined and a linear regression performed. The absorbance (or response) is plotted on the vertical axis versus the concentrations of the standards on the horizontal axis using 0 as the concentration of the unspiked aliquot. An example plot is shown in Figure 1. When the resulting line is extrapolated back to zero absorbance, the point of interception of the horizontal axis is the concentration of the unknown. The correlation coefficient (r) and the x-intercept (where y=0) of the curve are calculated. The concentration in the digestate is equal to the negative x-intercept.

Figure 1



For the method of standard additions to be correctly applied, the following limitations must be taken into consideration.

- The plot of the sample and standards must be linear over the concentration range of concern. For best results, the slope of the curve should be similar to that of a plot of the aqueous standard curve.
- The effect of the interference should not vary as the ratio of the standard added to the sample matrix changes.

Attachment 4

Troubleshooting Guide

Problem	Possible Cause
Poor or No Absorbance or Sensitivity Check failed	Incorrect wavelength Dirty windows Window loose Etched or dirty optics Bad lamp Not enough or no sample introduced Empty sample cup Incorrectly made standards Gas leak
Erratic Readings	Source lamp not aligned properly Lamp not pre-warmed GLS capillary partially clogged Contaminated reagents Contaminated glassware Drying tube saturated Bad lamp Autosampler probe hitting outside of tube Autosampler probe coated or not set properly Autosampler probe partially clogged Leak in sample tubing Power fluctuations Air bubbles in tubing
Standards reading twice or half normal absorbance or concentration	Incorrect standard used Incorrect dilution performed Dirty cell

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Attachment 5.

Contamination Control Guidelines

The following procedures are strongly recommended to prevent contamination:

- All work areas used to prepare standards and spikes should be cleaned before and after each use.
- All glassware should be washed with detergent and tap water and rinsed with 1:1 nitric acid followed by deionized water.
- Proper laboratory housekeeping is essential in the reduction of contamination in the metals laboratory. All work areas must be kept scrupulously clean.
- Powdered gloves should not be used in the metals laboratory since the powder contains silica and zinc, as well as other metallic analytes.
- Glassware should be periodically checked for cracks and etches and discarded if found. Etched glassware can cause cross contamination of any metallic analytes.
- Autosampler trays should be covered to reduce the possibility of contamination. Trace levels of elements being analyzed in the samples can be easily contaminated by dust particles in the laboratory.

The following are helpful hints in the identification of the source of contaminants:

- Reagents or standards can contain contaminants or be contaminated with the improper use of a pipette.
- Improper cleaning of glassware can cause contamination.
- If an unusually high sample is analyzed, segregate the glassware and soak with sulfuric acid prior to routine cleaning.

Attachment 6.

Preventative Maintenance

A maintenance log is used to record when maintenance is performed on instruments. When an instrument problem occurs, record the date, time, and instrument number; describe the problem; and explain the corrective action in the maintenance log.

The following procedures are required to ensure that that the instrument is fully operational:

Cold Vapor Atomic Absorption (CETAC Analyzers)

Daily	Monthly	As Needed
Change rinse solution.	Check Hg lamp intensity.	Change Hg lamp.
Check lamp current.		Check liquid/gas separator.
Check argon flow.		Change Nafion dryer.
Check tubing. Replace as needed.		
Check drain.		
Check condition of Nafion dryer.		

Electronic Copy Only

Title: Mercury in Solids by Cold Vapor Atomic Absorption

Approvals (Signature/Date):

Rachel Speights 07/27/2023 Rachel Speights Date Technical Specialist	Reed Pottruff 7/27/2023 Reed Pottruff Date Health & Safety Manager / Coordinator
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1.0 Scope and Application

1.1 This procedure describes the preparation and analysis of mercury (Hg, CAS# 7439-97-6) by Cold Vapor Atomic Absorption Spectroscopy (CVAA) using SW-846 Method 7471A or 7471B.

1.2 Method 7471A and 7471B are applicable to the preparation and analysis of mercury in soils, sediments, bottom deposits, and sludge-type materials. All matrices require sample preparation prior to analysis. This is not an appropriate procedure for the digestion of tissues or other organic matrices, which require the use of EPA 245.6 instead.

1.3 If sample preparation utilizing the Incremental Sampling Method is required, see SOP DV-OP-0013 *Incremental Sampling Methodology for Soils and Sediments* for the procedure required prior to acid digestion for metals incorporating this procedure.

1.4 The routine reporting limit for mercury in solid matrices is 17 µg/kg.

2.0 Summary of Method

A representative portion of the sample is digested in aqua regia in the first digestion cycle and potassium permanganate in the second cycle. Mercury is reduced to its elemental state with stannous chloride and aerated from solution in a closed system. The mercury vapor passes through a cell positioned in the light path of an atomic absorption spectrophotometer. Absorption of light at 253.7 nm is calibrated as a function of mercury concentration.

3.0 Definitions

3.1 Total Mercury: Inorganic forms of mercury are effectively dissolved by the acids used in the digestion. The potassium permanganate reagent breaks down organo-mercury compounds to inorganic forms that are detected by this procedure.

3.2 Aqua Regia: A 3:1 mixture of hydrochloric and nitric acids. This mixture is effective at dissolving metals in the solid form.

3.3 General Analytical Terms: Refer to the Glossary of the Eurofins Denver Quality Assurance Manual (QAM) and Policy DV-QA-003P *Quality Control Program* for definitions of general analytical and QA/QC terms.

4.0 Interferences

Chemical and physical interferences may be encountered when analyzing samples using this method.

4.1 Potassium permanganate “suitable for mercury determination” is specified because of the potential for mercury contamination in the reagent. In addition, potassium permanganate crystals will absorb mercury vapors from the air. Reagent bottles must be kept tightly closed to avoid contamination.

4.2 Potassium permanganate, in addition to breaking down organic compounds, also eliminates possible interferences from sulfide. Concentrations as high as 20 ppm of sulfide as sodium sulfide do not interfere with the recovery of inorganic mercury from reagent water.

4.3 Copper has also been reported to interfere; however, copper concentrations as high as 10 ppm had no effect on the recovery of mercury from spiked samples.

4.4 Chlorides can cause a positive interference. Samples high in chlorides require additional permanganate (as much as 25 mL) because, during the oxidation step, chlorides are converted to free chlorine, which also absorbs radiation at 253.7 nm. Care must be taken to ensure that free chlorine is absent before the mercury is reduced and swept into the cell. This is accomplished by adding excess hydroxylamine reagent (25 mL) before stannous chloride is added. Both inorganic and organic mercury spikes have been quantitatively recovered from seawater using this technique.

NOTE: Sufficient addition of permanganate is apparent when the purple color persists at least 15 minutes. Some samples may require dilution prior to digestion due to extremely high concentrations of chloride.

4.5 Interference from certain volatile organic materials that absorb at the wavelength used for the method may also occur. If suspected, a preliminary run without stannous chloride can determine if this type of interference is present. While the possibility of absorption from certain organic substances present in the sample does exist, this problem is not routinely encountered. This is mentioned only to caution the analyst of the possibility. If this condition is found to exist, the mercury concentration in the sample can be determined by subtracting the result of the sample run without the reducing reagent (stannous chloride) from that obtained with the reducing reagent.

4.6 Samples containing high concentrations of oxidizable organic materials, as evidenced by high COD levels, may not be completely oxidized by this procedure. When this occurs, the recovery of mercury will be low. The problem can be lessened by reducing the volume of original sample used.

4.7 The most common interference is laboratory contamination which may arise from impure reagents, dirty glassware, improper sample transfers, dirty work areas, etc. Be aware of potential sources of contamination and take appropriate measures to minimize or avoid them.

5.0 Safety

5.1 Employees must abide by the policies and procedures in the Corporate Environmental Health and Safety Manual, Radiation Safety Manual and this document.

5.2 This procedure may involve hazardous material, operations and equipment. This SOP does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of the method to follow appropriate safety, waste disposal and health practices under the assumption that all samples and reagents

are potentially hazardous. Safety glasses, gloves, lab coats and closed-toe, nonabsorbent shoes are a minimum.

5.3 Specific Safety Concerns or Requirements

5.3.1 Eye protection that satisfies ANSI Z87.1, laboratory coat, and nitrile or latex gloves must be worn while handling samples, standards, solvents, and reagents. Disposable gloves that have been contaminated must be removed and discarded; non-disposable gloves must be cleaned immediately. A disposable face shield should be used when making up aqua regia.

5.3.2 Potassium permanganate is a strong oxidizing agent. It is incompatible and must be stored separately from hydroxylamine hydrochloride and stannous chloride, the reducing agents used in this procedure, and from acids.

5.4 Primary Materials Used

The following is a list of the materials used in this method, which have a serious or significant hazard rating. **Note: This list does not include all materials used in the method. The table contains a summary of the primary hazards listed in the SDS for each of the materials listed in the table.** A complete list of materials used in the method can be found in the reagents and materials section. Employees must review the information in the SDS for each material before using it for the first time or when there are major changes to the SDS.

Material (1)	Hazards	Exposure Limit (2)	Signs and symptoms of exposure
Mercury Nitrate Solutions	Corrosive Poison	0.1 mg/m^3 Ceiling (Mercury Compounds)	Extremely toxic. Causes irritation to the respiratory tract. Causes irritation. Symptoms include redness and pain. May cause burns. May cause sensitization. Can be absorbed through the skin with symptoms to parallel ingestion. May affect the central nervous system. Causes irritation and burns to eyes. Symptoms include redness, pain, and blurred vision; may cause serious and permanent eye damage.
Hydrochloric Acid	Corrosive Poison	5 ppm-Ceiling	Inhalation of vapors can cause coughing, choking, inflammation of the nose, throat, and upper respiratory tract, and in severe cases, pulmonary edema, circulatory failure, and death. Can cause redness, pain, and severe skin burns. Vapors are irritating and may cause damage to the eyes. Contact may cause permanent eye damage.
Nitric Acid	Corrosive Oxidizer Poison	2 ppm-TWA 4 ppm-STEL	Nitric acid is extremely hazardous; it is corrosive, reactive, an oxidizer, and a poison. Inhalation of vapors can cause breathing difficulties and lead to pneumonia and pulmonary edema, which may be fatal. Other symptoms may include coughing, choking, and irritation of the nose, throat, and respiratory tract. Can cause redness, pain, and severe skin burns. Concentrated solutions cause deep ulcers and stain skin a yellow or yellow-brown color. Vapors are irritating and may cause damage to the eyes. Contact may cause severe burns and permanent eye damage.

Material (1)	Hazards	Exposure Limit (2)	Signs and symptoms of exposure
Hydroxylamine Hydrochloride	Corrosive Poison	No OSHA PEL listed for this compound	Direct contact with skin or eyes causes irritation. May cause skin sensitization, an allergic reaction. Inhalation or ingestion may cause methemoglobinemia and resulting cyanosis (bluish discoloration of skin due to deficient oxygenation of the blood), and labored breathing.
Potassium Permanganate	Oxidizer	5 mg/m^3 for Mn compounds	Causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath. Dry crystals and concentrated solutions are caustic causing redness, pain, severe burns, brown stains in the contact area and possible hardening of outer skin layer. Diluted solutions are only mildly irritating to the skin. Eye contact with crystals (dusts) and concentrated solutions causes severe irritation, redness, and blurred vision and can cause severe damage, possibly permanent.
1 – Always add acid to water to prevent violent reactions. 2 – Exposure limit refers to the OSHA regulatory exposure limit.			

6.0 Equipment and Supplies

All equipment IDs for any support equipment (pipettes, thermometers, etc.) must be recorded in the batch record.

6.1 Instrumentation

6.1.1 Equipment for digestion capable of maintaining a sample temperature of 95 ±3°C, such as:

- Digestion Block

  OR

- DEENA II automated digestion block system, SEAL Analytical

6.1.2 Mercury Analyzer:

- Teledyne-Leeman M7600 Mercury Analyzer with Autosampler

6.2 Computer Software and Hardware

Please refer to the master list of documents, software and hardware located on R:\QA\Read\Master List of Documents\Master List of Documents, Software and Hardware.xls or current revision for the current software and hardware to be used for data processing.

6.3 Supplies

6.3.1 Disposable digestion tubes with caps, volume accuracy verified once per lot. See DV-QA-0008 *Volumetric Verification* for more information regarding volume verifications.

6.3.2 Disposable glass autosampler tubes, 16 mm x 100 mm

6.3.3 Argon, 99.999% purity

6.3.4 Calibrated mechanical pipettes (see SOP DV-QA-0008 *Volumetric Verification* for details on calibrating mechanical pipettes).

6.3.5 Class A volumetric flasks.

6.3.6 Thermometer, non-mercury column, accurate to ± 1 °C at 95 °C (see SOP DV-QA-0001 *Thermometer Calibration* for calibration details).

6.3.7 Glass beads, < 1 mm diameter, acid washed.

7.0 Reagents and Standards

Reagent grade chemicals shall be used in all tests. Unless otherwise indicated, it is intended that all reagents shall conform to the specifications of the Committee on Analytical Reagents of the American Chemical Society, where such specifications are available. Other grades may be used, provided it is first ascertained that the reagent is of sufficiently high purity to permit its use without lessening the accuracy of the determination. Primary and secondary standards used for data production are recorded in the Reagent Module of the Eurofins Denver LIMS (TALS).

7.1 **Reagent water:** Reagent water must be produced by a Millipore DI system or equivalent. Reagent water must be free of the analytes of interest as demonstrated through the analysis of method blanks.

7.2 **Nitric acid (HNO_3):** Concentrated, reagent grade or better.

7.3 **Hydrochloric acid (HCl):** Concentrated, reagent grade or better.

7.4 **Calibration Blank, Initial Calibration Blank (ICB), Continuing Calibration Blank (CCB), and Method Blank (MB), 1% HNO_3:**

7.4.1 Add 0.5 L of concentrated HNO_3 to a 50 L carboy partially filled with reagent water.

7.4.2 Dilute to 50 L with reagent water.

7.4.3 Record the acid lot number and other required information in the Blank Reagent Logbook stored in the metals prep area.

7.5 **Stannous chloride solution ($SnCl_2$), Hg grade, 10% (w/v) per manufacturer's instructions:**

7.5.1 Place approximately 100 mL of reagent water into a 2 L volumetric flask.

7.5.2 Slowly add 200 mL of concentrated HCl to the flask and swirl to mix.

7.5.3 Add 200 grams of $SnCl_2$ to the flask.

7.5.4 Mix the contents of the flask until the reagent is completely dissolved.

7.5.5 Bring solution to a final volume of 2 L with reagent water.

7.6 Sodium chloride-hydroxylamine hydrochloride solution (Hg grade):

Add 12 g of sodium chloride and 12 g of hydroxylamine hydrochloride (Hg grade) to every 100 mL of reagent water.

NOTE: Hydroxylamine sulfate may be used in place of hydroxylamine hydrochloride.

7.7 Potassium permanganate, 5% solution (w/v):

Dissolve 5 g of potassium permanganate (reagent grade, "suitable for mercury determination") for every 100 mL of reagent water.

7.8 Purchased Mercury Stock Solutions

7.8.1 Second source initial calibration verification (ICV) stock solution 100 mg/L (Hg ICV Stock).

7.8.2 Primary Mercury Calibration Standard Solution, 1,000 mg/L (Hg Ultra Prim).

7.9 Monthly Calibration Working Standard Solution, 10 mg/L (Hg Mnth Spike)

7.9.1 Add approximately 90 mL of 1% HNO_3 to a 100 mL Class A volumetric flask.

7.9.2 Pipet 1.0 mL of the 1,000 mg/L primary mercury calibration standard solution (Section 7.9.2) into the flask.

7.9.3 Dilute to the mark on the flask with 1% HNO_3.

7.9.4 Stopper the flask and shake to mix.

7.9.5 Transfer the solution to a 125 mL Nalgene bottle.

7.9.6 Document the preparation of the solution in the Reagent Module in TALS.

7.9.7 Prepare this solution fresh monthly or more often if necessary.

7.10 Daily Calibration Working Spike, 100 µg/L (Hg Daily Spk)

7.10.1 Add approximately 90 mL of 1% HNO_3 to a 100 mL volumetric flask.

7.10.2 Add 1.0 mL of the 10 mg/L Calibration Working Standard (see Section 7.9).

7.10.3 Bring the solution to a final volume of 100.0 mL.

7.10.4 Stopper and mix thoroughly.

7.10.5 Document the preparation in the Reagent Module in TALS.

7.10.6 Prepare this solution each day prior to calibration.

7.11 Initial Calibration (ICAL) Standards

The initial calibration standards are prepared directly in the digestion tubes as follow:

ICAL	Daily Calibration Working Spike (mL)	1% HNO_3 (mL)	Final Conc. (µg/L)
Blank	0.0	5.0	0.0
Std 1	0.10	4.9	0.20
Std 2	0.25	4.75	0.50
Std 3	0.50	4.5	1.0
Std 4	1.0	4.0	2.0
Std 5	2.5	2.5	5.0
Std 6	5.0	0.0	10.

7.12 Second-Source Initial Calibration Verification Intermediate Standard, 400 µg/L (Hg Biwk ICV)

Add 40 µL of the 1000 mg/L ICV Standard to a 100 mL volumetric flask partially filled with 1% HNO_3 and dilute to the mark. Record this information in the Reagent Module in TALS.

7.13 Second-Source Initial Calibration Verification (ICV) Daily Working Standard, 4.00 µg/L (Hg Soil ICV)

Add 0.5 mL of the 400 µg/L ICV Intermediate Standard (see Section 7.13) to a soil digestion tube and add 4.5 mL of 1% HNO_3. Record this information in the Reagent Module in TALS.

7.14 Continuing Calibration Verification (CCV) Standards, 5 µg/L (Hg Soil CCV)

7.14.1 The CCVs are prepared exactly as the 5.0 µg/L ICAL standard shown above (see Section 7.11).

7.14.2 Prepare sufficient volume of the standard for analysis of a CCV after every 10 samples.

7.15 Laboratory Control Sample (LCS), 333 µg/kg

7.15.1 The LCS is prepared in an empty digestion tube or 0.6 g of glass beads (< 1 mm) are used if required.

7.15.2 Add 2.0 mL of the 100 µg/L Daily Calibration Working Spike (see Section 7.10) to a digestion tube. See Section 9.4 for additional detail.

7.15.3 This is equivalent to 4.0 µg/L, which is the concentration that appears on the raw data printout from the instruments.

7.16 Matrix Spike and Matrix Spike Duplicate (MS/MSD), 333 µg/kg

MS/MSD pairs are spiked in the same manner as the LCS (see section 7.16) and prepared in the same manner as the samples, using 0.6 g of sample.

7.17 Reporting Limit (CRA) Check Standard, 0.2 µg/L (Hg Soil RL)

7.17.1 Add 0.1 mL of 100 µg/L Daily Calibration Working Spike (see section 7.10) and 4.9 mL of reagent water to a digestion tube.

7.17.2 This is equivalent to a 0.2 µg/L ICAL standard, which is the concentration that appears on the raw data printout from the instruments.

8.0 Sample Collection, Preservation, Shipment and Storage

Sample container, preservation techniques and holding times may vary and are dependent on sample matrix, method of choice, regulatory compliance, and/or specific contract or client requests. Listed below are the holding times and the references that include preservation requirements.

Matrix	Sample Container	Min. Sample Size	Preservation	Holding Time [1]	Reference
Soil	Glass	10 grams	Cool, ≤ 6 °C	28 Days	N/A

[1] Inclusive of digestion and analysis.

9.0 Quality Control

9.1 The minimum quality controls (QC), acceptance criteria, and corrective actions are described in this section. When processing samples in the laboratory, use the Eurofins Denver LIMS (TALS) Method Comments to determine specific QC requirements that apply. For SOPs that address only preparation, QC acceptance limits on the analytical results are not included. Refer to the appropriate SOP that describes the determinative method.

9.1.1 The laboratory's standard QC requirements, the process of establishing control limits, and the use of control charts are described more

completely in Eurofins Denver Policy DV-QA-003P *Quality Control Program.*

9.1.2 Specific QC requirements for Federal programs, e.g., Department of Defense (DoD), Department of Energy (DOE), etc., are described in Eurofins Denver Policy DV-QA-024P *QA/QC Requirements for Federal Programs.* This procedure meets all criteria for the DoD/DOE QSM unless otherwise stated. Any deviation or exceptions from QSM requirements must have prior approval in the project requirements.

9.1.3 Project-specific requirements can override the requirements presented in this section when there is a written agreement between the laboratory and the client, and the source of those requirements should be described in the project documents. Project-specific requirements are communicated to the analyst via Method Comments in TALS and the Quality Assurance Summaries (QAS) in the public folders.

9.1.4 Any QC result that fails to meet control criteria must be documented in a Nonconformance Memo (NCM). The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. This is in addition to the corrective actions described in the following sections.

9.2 Preparation Batch

A group of up to 20 samples that are of the same matrix and are processed together using the same procedures and reagents. The preparation batch must contain a method blank, an LCS, and a matrix spike/matrix spike duplicate pair (MS/MSD). As discussed in the following sections, special program or project requirements can include additional requirements. Always refer to special project instructions for details before proceeding with the analysis.

9.3 Method Blank (MB)

The MB consists of an empty vessel (or with glass beads for DoD/DOE projects) containing all reagents specific to the method that is carried through the entire analytical procedure, including preparation and analysis. At least one method blank (MB) must be processed with each preparation batch.

Acceptance Criteria: The result for the method blank must be less than the project-specific data quality objectives. In the absence of project-specific data quality objectives, the blank must be less than ½ RL or less than 10% of the mercury concentration found in the associated samples, whichever is higher.

Corrective Action: All samples associated with an unacceptable method blank must be re-prepared and reanalyzed. If mercury was not detected in the samples, the data may be reported

with qualifiers (check project requirements to be sure this is allowed) and it must be addressed in the project narrative.

9.4 Laboratory Control Sample (LCS), 333 µg/kg

The preparation of the LCS is described in Section 7.15. At least one LCS must be processed with each preparation batch. The LCS must be carried through the entire analytical procedure. DoD requires when there is no assigned MS/MSD or there is not enough sample volume provided an LCSD must be prepared.

Acceptance Criteria: Maximum control limits for LCS recoveries are 80 - 120%. In-house control limits based on three standard deviations of the mean of historical results are used if they are at least as tight as 80-120% (see Policy DV-QA-003P *Quality Control Program* for further details on establishing control limits).

NOTE: DoD QSM Solid matrix LCS Limits are programmed into TALS. For DoD QSM specific criteria see SOP DV-QA-024P *QA/QC Requirements for Federal Programs.*

Corrective Action: If LCS recoveries are outside established control limits, the system is out of control and corrective action must occur. If recoveries are above control limits and mercury is not detected in samples, the data may be reported with qualifiers (check project requirements to be sure this is allowed) and it must be addressed in the project narrative. In other circumstances, the entire batch must be re-prepared and reanalyzed.

9.5 Matrix Spike/Matrix Spike Duplicate (MS/MSD), 333 µg/kg

One MS/MSD pair must be processed for each preparation batch. Some programs may require the use of sample duplicates in place of or in addition to MS/MSDs. In addition, some programs will allow spikes to be reported only for project-related samples. Samples identified as field blanks cannot be used for MS/MSD analysis. DoD requires the MS/MSD to be assigned by the client. When there is no assigned MS/MSD or there is not enough sample volume provided an LCSD must be prepared.

Acceptance Criteria: Control limits are statistically determined based on three standard deviations of the mean of the laboratory's historical data. The MS/MSD recovery must fall within 75-125%; the relative percent difference (RPD) between the MS and MSD cannot exceed 20%.

NOTE: DoD QSM Solid matrix MS/MSD Limits are programmed into TALS. For DoD QSM specific

criteria see SOP DV-QA-024P *QA/QC Requirements for Federal Programs.*

Corrective Action: The information obtained from MS data are sample/matrix specific and are not normally used to determine the validity of the entire batch. If the MS and/or MSD recovery falls outside of the established control limits, the bracketing CCV and batch LCS recoveries must be within control limits in order to accept results for the associated samples. The following corrective actions are required for MS/MSD recovery failures to rule out lab error:

- Check calculation and instrument performance;
- Verify, if possible, that the MS and MSD were spiked correctly (e.g., very low or very high recoveries);
- Consider objective evidence of matrix interference (e.g., heterogeneous sample, interfering peaks seen on chromatograms, or interference demonstrated by prior analyses);
- Flag the data for any results outside of acceptance limits and note it on the final report.
- For any single RPD failure, check calculations; verify, if possible, that the MS and MSD were spiked correctly; check instrument performance; consider objective evidence of matrix interference or sample inhomogeneity; and flag the data.
- If both the parent sample and associated matrix spike results are over range the parent and the spikes shall be diluted by the same amount and the results from the reanalysis reported for both. If the analyte concentration in the parent sample is greater than four times the concentration of spike added, then spike recovery results are not compared to control limits, and the recovery is either reported as “NC” (not calculated) or with a qualifier flag to indicate that the spike was less than four times the analyte concentration in the sample. If the dilution will cause the spike to be less than two times the reporting limit, the MS/MSD do not need to be diluted and the recovery reported as “NC” (not calculated).
- For MS/MSD that serve as batch QC, if the parent sample result is within the linear range and the MS/MSD results are above the linear range, the results are reported with the MS/MSD result being flagged as an over-range measurement (e.g., the E-flag qualifier).

- If the MS/MSD are client requested, the parent sample result is within linear range and the MS/MSD results are above the linear range, the sample and spike should be diluted, keeping in mind that we need to assess whether or not the dilution will best serve the client's needs. Consult with the PM as needed. Both the parent sample and MS/MSD samples must have the same dilution factor. Some EDDs do not accept data that are at different dilution factors.

- If the native analyte concentration in the MS/MSD sample exceeds 4 times the spike level for that analyte, the recovery data are reported as NC (i.e., not calculated) and the appropriate qualifier flags are added.

  NOTE 1: Some client programs require reanalysis to confirm matrix interferences. Check special project requirements for this corrective action.

  NOTE 2: See Denver Policy Memorandum P16-001 and Corporate Policy Memorandum CA-Q-QM-013 for more detail.

9.6 Serial Dilution

Some programs require that a fivefold (1+4) dilution must be included in each analytical batch for each sample matrix. A serial dilution will be performed once per prep batch for DOD samples. This may be omitted for DOD samples if the MS and MSD are passing criteria.

Acceptance Criteria: The results must be within 10% of the expected value, assuming that the initial sample concentration is at least 50x LOQ.

Corrective Action: If the control limit is not met, all associated sample results must be qualified and the failure addressed in the narrative.

9.7 Post-Digestion Spike

Some programs require the inclusion of a post-digestion spike in each analytical batch. The post-digestion spike is prepared by adding 0.3 mL of the 100 µg/L Daily Calibration Working Solution to 9.7 mL of sample digestate. Post-digestion spikes are performed as an additional check for matrix interference. A post digestion spike will be performed once per prep batch for DOD samples. This may be omitted for DOD samples if the MS and MSD are passing criteria.

Acceptance Criteria: The percent recovery limits for the post-digestion

spike are 80 to 120%.

9.8 Method of Standard Addition (MSA)

The method of standard additions is an option for the analysis of samples shown to have significant matrix effects, e.g., unacceptably low MS/MSD recoveries or under certain conditions for TCLP analysis (see Attachment 2 for details).

NOTE: DoD QSM: Performed only when required by the project and the SD or PDS fails. Must be documented with an NCM and included in the case narrative.

10.0 Procedure

10.1 One-time procedural variations are allowed only if deemed necessary in the professional judgment of supervision to accommodate variation in sample matrix, radioactivity, chemistry, sample size, or other parameters. Any variation in procedure shall be completely documented using an NCM. The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. The NCM shall be filed in the project file and addressed in the case narrative.

10.2 Any deviations from this procedure identified after the work has been completed must be documented in an NCM, with a cause and corrective action described.

10.3 Sample Preparation

All equipment IDs for any support equipment (pipettes, thermometers, etc.) must be recorded in the batch record.

10.3.1 All calibration and calibration verification standards (ICV, ICB, CCV, CCB), as well as the field samples, are processed through the digestion procedure. Prepare digestion tubes containing volumes of standards required for each tube as listed in Section 7.

10.3.2 Weigh 0.5 – 0.6 g of each well-homogenized sample into a sample digestion tube. See SOP DV-QA-0023 *Subsampling* for additional information on subsampling.

10.3.3 Prepare a MB, LCS, MS, and MSD for each batch. The MB is either an empty digestion tube or is prepared by placing 0.6 g of glass beads in a digestion tube, depending on client requirements. The LCS is prepared by adding 2.0 mL of the 100 µg/L Daily Calibration Working Spike to a digestion tube. The MS is prepared by adding 2.0 mL of the 100 µg/L Daily Calibration Working Spike to a digestion tube containing a second aliquot of the chosen matrix sample. The MSD is prepared in the same manner as the MS using a third aliquot of the chosen sample.

NOTE: The spike must be added after the sample aliquot but before the

addition of reagents.

10.3.4 If using the manual hot block procedure, perform the following steps.

10.3.4.1 Volumize all un-spiked field samples, method blanks, LCS, MS and MSD to 5.0 mL using reagent water.

10.3.4.2 Add 3.75 mL HCl and 1.25 mL HNO_3

10.3.4.3 Heat for 2 minutes at 95 ± 3 °C.

10.3.4.4 Allow the samples and standards to cool at room temperature.

10.3.4.5 Add 19 mL of reagent water.

10.3.4.6 Add 15 mL of 5% potassium permanganate solution. A purple color must persist for at least 15 minutes. If the color does not persist, the sample must be re-prepared using a smaller sample aliquot.

NOTE: It is important that equal volumes of the potassium permanganate solution are added to all solutions in the batch. Unequal volumes used with the automated method will result in dilution errors.

10.3.4.7 Cap the samples and standards and heat for 30 minutes at 95 ± 3 °C. Record the start and stop times and the temperature on the bench sheet in TALS. The analyst will verify that a purple color persists or a black precipitate is present after the thirty minutes of heating. If this is not true, the digestion must be repeated using a smaller sample aliquot.

10.3.4.8 Allow the samples and standards to cool at room temperature.

10.3.4.9 Add 6 mL of sodium chloride-hydroxylamine hydrochloride solution to reduce the excess permanganate. Verify that the volume is at 50 mL. If not, bring volume to 50mL with 1% nitric acid.

10.3.5 For automated digestion using DEENA system, load samples into auto-digester and perform the following steps.

10.3.5.1 Volumize all un-spiked field samples, method blanks, LCS, MS and MSD to 5.0 mL using reagent water.

10.3.5.2 Set temperature to 105°C (or adjusted as needed to meet temperature requirements). Verify temperature is between 92-98° using thermometer.

10.3.5.3 Load workspace for appropriate method. Select sample

locations and load all samples and standards onto racks.

10.3.5.4 Dispense 1.25 mL nitric acid

10.3.5.5 Dispense 3.75 mL hydrochloric acid

10.3.5.6 Heat for 2 minutes, then cool for 10 minutes.

10.3.5.7 Dispense 17 mL DI water.

10.3.5.8 Dispense 15 mL of 5% potassium permanganate solution. Wait for 15 minutes and pause the program. If purple color does not persist, the sample must be re-prepared using a smaller sample aliquot.

NOTE: It is important that equal volumes of the potassium permanganate solution are added to all solutions in the batch. Unequal volumes used with the automated method will result in dilution errors.

10.3.5.9 Cap the samples and standards and heat for 30 minutes at 95 ± 3 °C. Record the start and stop times and the temperature on the bench sheet in TALS. After heating, pause the program. The analyst will verify that a purple color persists or a black precipitate is present after the thirty minutes of heating. If this is not true, the digestion must be repeated using a smaller sample aliquot.

10.3.5.10 Cool for at least 30 minutes and set temperature to 20°C.

10.3.5.11 Dispense 6 mL sodium chloride-hydroxylamine hydrochloride solution.

10.3.5.12 Dispense 1% nitric acid to bring final volume to 50 mL.

10.4 Calibration

10.4.1 All calibration standards are digested together with samples, as described in Section 10.3, prior to analysis. Preparation of calibration standards is described in Section 7.12.

10.4.2 Set up the instrument with the operating parameters recommended by the manufacturer. Allow the instrument to become thermally stable before beginning calibration (approximately 30 minutes of warm-up is required).

10.4.3 Detailed information regarding calibration models and calculations can be found in NDSC Policy NDSC-QA-QP44940 *Calibration Curves and the Selection of Calibration Points* and under the public folder, *Arizona Calibration Training*.

10.4.4 Initial Calibration (ICAL)

10.4.4.1 Calibration must be performed daily (every 24 hours) and each time the instrument is set up. The instrument calibration date and time must be included in the raw data.

10.4.4.2 Calibrate using six standards and a blank (see Section 7.11).

10.4.4.3 The calibration curve must have a coefficient of determination (r^2) $\geq$ 0.995 or the instrument shall be stopped and recalibrated prior to running samples. Sample results cannot be reported from a curve with an unacceptable coefficient of determination. The calibration curve is processed with an unweighted linear regression.

10.4.4.4 The relative standard error (RSE) for the calibration curve must be +/- 20% or the instrument shall be stopped and recalibrated prior to running samples.

10.4.4.5 Record the microAbsorbance (µAbs.) for the 10 ppb standard in the instrument maintenance log.

NOTE: It is not acceptable to reject calibration points for this method.

10.4.5 Initial and Continuing Calibration Blanks

10.4.5.1 An initial calibration blank (ICB) is tested immediately after the daily ICAL standards.

Acceptance Criteria: Absolute values for the calibration blanks must be less than ½ the standard RL or <1/10 the amount measured in any sample. Client specific requirements take precedence. For DoD QSM specific criteria see SOP DV-QA-024P *QA/QC Requirements for Federal Programs*.

Corrective Action: If the blank acceptance limit is exceeded, the analysis should be terminated, the source of contamination identified, and the instrument recalibrated.

10.4.5.2 Continuing calibration blanks (CCBs) are run after every 10 samples and at the end of the run.

Acceptance Criteria: The absolute value of the blank result must be less than ½ the reporting limit or <1/10 the amount measured in any sample. For DoD QSM specific criteria see SOP DV-QA-024P *QA/QC Requirements for Federal Programs*.

Corrective Action: If the blank acceptance limit is exceeded, the analysis should be terminated, the source of contamination identified, and the instrument recalibrated. Failed CCBs due to carryover may not require recalibration. All samples following the last acceptable CCB must be reanalyzed.

10.4.6 Initial Calibration Verification (ICV), 4.0 µg/L (Hg Soil ICV)

The accuracy of the calibration standards is verified by testing a second source standard (ICV).

Acceptance Criteria: The ICV recovery must be within 90 - 110%.

Corrective Action: If the ICV acceptance limit is exceeded, correct any problems then rerun the ICV. If that fails, the analysis should be terminated, the accuracy of the calibration standards checked, and the instrument recalibrated.

10.4.7 Reporting Limit Check Standard (CRA), 0.2 µg/L (Hg Soil RL)

The accuracy of results at the reporting limit is verified by testing a standard in every analytical run that is prepared at the reporting limit concentration.

Acceptance Criteria: The results for this standard must be within 50% of the expected value, or 20% for QSM. For DoD QSM specific criteria see SOP DV-QA-024P *QA/QC Requirements for Federal Programs.*

Corrective Action: If the RL check acceptance limit is exceeded, the analysis should be terminated, the instrument operation checked, the instrument recalibrated, and associated samples reanalyzed.

10.4.8 Continuing Calibration Verification (CCV), 5.0 µg/L (Hg Soil CCV)

Calibration accuracy is monitored during the analytical run through the analysis of a known standard after every 10 samples and at the end of the run.

Acceptance Criteria: The CCV recovery must be within 80 - 120%. For DoD QSM specific criteria see below and SOP DV-QA-024P *QA/QC Requirements for Federal Programs.*

Correction Action: Sample results may be reported only when

bracketed by valid CCV pairs. If a mid-run CCV fails, the CCV may be reanalyzed once without modification to the instrument's operating conditions. If the reanalyzed CCV is found to be in control, the CCV analysis must be repeated with successful results or the analysis must be terminated, the problem corrected, the instrument recalibrated, the calibration verified and the affected samples reanalyzed. If the cause of the CCV failure was not directly instrument related, the associated samples must be re-prepared and reanalyzed.

10.4.9 CCV Acceptance Criteria for sample run under a DoD QSM program

CCVs must have a percent recovery of 90 - 110%. If the CCV fails the following options are available: Recalibrate and reanalyze all affected samples since the last acceptable CCV or immediately (within an hour) analyzed two additional consecutive CCVs. If both pass, samples may be reported without reanalysis. If either fails, take corrective action(s) and re-calibrate then reanalyze all affected samples since the last acceptable CCV.

10.5 Sample Analysis

10.5.1 Set up the instrument and autosampler according to the manufacturer's instructions.

10.5.2 Allow the samples to cool to room temperature prior to analysis or a decrease in the response signal can occur.

10.5.3 Pour at least 10 mL of each sample and calibration standard into a disposable test tube for analysis

10.5.4 Analyze the standards and samples according to the manufacturer's instructions.

10.5.5 All measurements must fall within the defined calibration range to be valid. Dilute and reanalyze all samples with mercury concentrations that exceed the highest calibration standard.

NOTE: The instrument auto-dilutes samples. Any samples that require greater than a 10x dilution MUST be diluted manually.

10.5.6 If the sample results are negative and the absolute value is greater than the reporting limit, the sample must be reanalyzed.

10.5.7 Baseline correction is acceptable as long as it is performed after every sample or after the CCV and CCB.

10.5.8 The analytical sequence listed below must be followed. Refer to *Quality*

Control Section 9.0 for quality control limits.

Instrument Calibration

ICV

ICB

CRA

Maximum of 10 samples

CCV

CCB

Repeat sequence of 10 samples between CCV/CCB pairs as required to complete run.

CCV

CCB

NOTE: Samples included in the count between CCVs include the method blank, LCS, MS, MSD, and field samples.

10.5.9 Guidelines are provided in the appendices on procedures to minimize contamination of samples and standards, preventive maintenance and troubleshooting.

11.0 Calculations / Data Reduction

Detailed calibration equations can be found in the NDSC Policy NDSC-QA-QP44940 Calibration Curves and Selection of Calibration Points and under the public folder, *Arizona Calibration Training*.

11.1 Accuracy

$$\text{ICV / CCV, LCS \% Recovery} = \frac{\text{observed concentration}}{\text{spike concentration}} \times 100$$

$$\text{MS \% Recovery} = \frac{\text{(spiked sample) - (unspiked sample)}}{\text{spike concentration}} \times 100$$

11.2 Precision (RPD)

$$\text{Matrix Duplicate (MD)} = \frac{|\text{orig. sample value - dup. sample value}|}{[(\text{orig. sample value + dup. sample value})/2]} \times 100$$

11.3 Concentration = mg/kg or L

$$= \frac{C \times V \times D}{W}$$

Where:

C = sample concentration in extract (ppm)
V = Volume of extract (mL)
D = Dilution Factor
W = Weight/Volume of sample aliquot extracted (grams or mL)

Note: All dry weight corrections are made in TALS at the time the final report is prepared.

11.4 Documentation and Record Management

The following documentation comprises a complete CVAA raw data package:

11.4.1 Sample data entered into the preparation batch in TALS, which includes the batch number, list of samples, preparation analyst and date, identification of reagents and standards used, and identification of all measuring equipment used (e.g., balances, thermometers, pipettes).

11.4.2 Raw data (direct instrument printout as a PDF) with the analyst name and all required calibration information.

11.5 Reporting

11.5.1 Standard units for reporting solid sample results are mg/kg.

11.5.2 If dilutions are required due to insufficient sample, interferences, or other problems, the reporting limit and MDL are multiplied by the dilution factor, and the data may require flagging.

11.5.3 Solid samples are reported on a dry-weight basis unless otherwise requested by the client. Reporting limits are adjusted for both sample size and percent solids.

11.5.4 All associated data are entered or uploaded into TALS as required.

11.5.5 Unless special instructions indicate otherwise, samples less than the reporting limit are reported as ND.

11.5.6 The initial data review is performed by the analyst while the second-level data review is performed by the area supervisor or designee. Both reviews are documented in TALS. See SOP DV-QA-0020 *Data Review* for more detail on the review process.

12.0 <u>Method Performance</u>

12.1 Method Detection Limit Study (MDL)

The method detection limit (MDL) is the lowest concentration that can be detected for a given analytical method and sample matrix with 99% confidence that the analyte is present. MDLs reflect a calculated (statistical) value determined under ideal laboratory conditions in a clean matrix, and may not be achievable in all environmental matrices. An initial method detection limit study is performed in accordance with Policy CA-Q-S-006 *Detection and Quantitation Limits*. The laboratory maintains MDL studies for analyses performed; these are verified at least annually unless method or program requirements require a greater frequency. MDL verifications are performed quarterly.

12.2 Limit of Quantitation Verification (LOQV)

The verification of the limit of quantitation (LOQ or LLOQ) is performed quarterly for work performed according to the DoD/DOE QSM or for programs which require such verification. A blank matrix is spiked at 1 - 2 the laboratory RL and carried through the entire preparation and analytical procedures. Recoveries are assessed based on historical limits.

12.3 Demonstration of Capabilities

All personnel are required to perform an initial demonstration of proficiency (IDOC) on the instrument they will be using for analysis prior to testing samples. On-going proficiency must be demonstrated annually. IDOCs and on-going proficiency demonstrations are conducted according to SOP DV-QA-0024 *Training*.

12.4 Training Requirements

The Group Leader is responsible for ensuring that this procedure is performed by an associate who has been properly trained in its use and has the required experience. A new analyst must be working under documented supervision prior to approval of the IDOC. Documentation that a new analyst is performing under supervision must be entered into the batch record (View Batch Information) until that analyst's IDOC has been approved by the QA Manager (or designee). See requirements for demonstration of analyst proficiency in SOP DV-QA-0024 *Training*.

13.0 Pollution Control

It is Eurofins Denver's policy to evaluate each method and look for opportunities to minimize waste generated (i.e., examine recycling options, order chemicals based on quantity needed, and prepare reagents based on anticipated usage and reagent stability).

14.0 Waste Management

All waste will be disposed of in accordance with Federal, State, and local regulations. Where reasonably feasible, technological changes have been implemented to minimize the potential for pollution of the environment. Employees will abide by this procedure, the policies in Section 13, *Waste Management and Pollution Prevention*, of the Corporate Environmental Health and Safety Manual, and Policy DV-HS-001P *Waste Management Plan.*

14.1 The following waste streams are produced when this method is carried out:

14.1.1 Aqueous Acidic (Metals) - Corrosive - (J)

14.1.2 Expired reagents and standards – Contact the Waste Coordinator.

NOTE: Radioactive, mixed waste and potentially radioactive waste must be segregated from non-radioactive waste as appropriate. Contact the Radioactive Waste Coordinator for proper management of radioactive or potentially radioactive waste generated by this procedure.

15.0 References / Cross-References

15.1 Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Edition, Final Update II, Revision I, September 1994, Method 7471A (Mercury).

15.2 Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, Update IV, February 2007, Method 7471B (Mercury).

15.3 Department of Defense Department of Energy Consolidated Quality Systems Manual for Environmental Laboratories, Version 5.0, July 2013.

15.4 Department of Defense Department of Energy Consolidated Quality Systems Manual for Environmental Laboratories, Version 5.2, 2018.

15.5 U.S.EPA Statement of Work for Inorganic Analysis, ILMO3.0

16.0 Method Modifications:

Item	Method	Modification
1	7471A	An additional QC analysis, RL verification, is added
2	7471A	Methods 7470A and 7471A state that working standards "should be prepared fresh daily." The laboratory frequently prepares up to three batches of mercury samples, including digested calibration standards, each day. The third batch is typically prepared and digested late in the day, and then is analyzed the morning of the next day. The laboratory had developed the following information demonstrating that analysis within 24 hours, but on the second calendar day from preparation produces reliable results and is acceptable to the EPA: • Successful proficiency testing (PT) results for samples that were prepared and analyzed within 24 hours, but on successive days • Successful analysis of true NIST mercury standards within every analytical batch; and • A written comment from the EPA MICE Hotline stating that, with the supporting lab data, their opinion was that the laboratory's practice is "within the letter of the method as written."
3	7471A	Chapter 1 of SW-846 specifies the use of reagent water with a purity equivalent of ASTM Type II water. This SOP specifies the use of a Millipore DI system or equivalent to produce reagent water. This SOP requires that reagent water must be free of the analytes of interest as demonstrated through the analysis of method blanks.
4	7471A	Chapter 1 of SW-846 states that the method blank should not contain any analyte of interest at or above the MDL. This SOP states that the method blank must not contain any analyte of interest at or above ½ the reporting limit.

Item	Method	Modification
5	7471B	Method 7471B uses reagent water for the method blank. Eurofins Denver is currently using glass beads when required.
6	7471B	Section 11.1 requires 50 mL of reagent water to be added to the sample with 15 mL of Potassium permanganate. Eurofins Denver utilizes digestion tubes which do not allow for 50 mL of reagent water. 19 mL of reagent water is currently being added.
7	7471A	Section 7.1 specifies triplicate 0.2 g portions of sample for solids analysis. Eurofins Denver instead utilizes a 0.5 - 0.6 g weight range in order to avoid targeting of specific weights and to comply with the requirements of the most recent method revision.
8	7471A	Method 7470A states that a PDS and SD must be performed for each preparation batch. This SOP specifies that the PDS and SD must be run for batches with DOD samples only.

17.0 Attachments

Attachment 1: Summary of Quality Control Requirements
Attachment 2: MSA Guidance
Attachment 3: Instrument Maintenance
Attachment 4: Troubleshooting Guide

18.0 Revision History

This section has been added beginning with Revision 0. Only details of the last two revisions are incorporated into this SOP. Prior revisions are documented in the QA files and available upon request.

- Revision 19 dated 28 July 2023
  - Changed 6.1.1 to correct temperature range
  - Changed 6.3.1 to include verification SOP
  - Added sections 9.6 and 9.7
  - Corrected typo in section 10.4.4.3 r^2 is coefficient of determination not correlation coefficient.
  - Added section 10.4.4.4
  - Edited section 10.5.3 to correctly indicate how much sample to aliquot
  - Edited section 16.0 to include information about serial dilution and post digestion spike.

- Revision 18 dated 12 April 2023
  - Updated copyright information
  - Changed Eurofins Testamerica to Eurofins Denver throughout.
  - Revised 10.3.4.1 language from adding specific amounts of DI water to volumizing to a specified volume.
  - Updated text in Sections 7.2 and 7.3 replacing *trace metals* with *reagent*.
  - Removed original section 7.4 preparation of aqua regia
  - Revised 10.3.4.2 to change from adding aqua regia to adding HCl and HNO_3.
  - Updated 10.5.8 to remove superfluous CCB and CCV.
  - Updated 10.4.6 to match QSM 5.4
  - Updated text in Section 10.3.5.1.

Attachment 1

Summary of Quality Control Requirements

For DoD QSM specific criteria see SOP DV-QA-024P *QA/QC Requirements for Federal Programs*.

QC PARAMETER	FREQUENCY	ACCEPTANCE CRITERIA	CORRECTIVE ACTION
ICB	Immediately following ICAL	Absolute value < ½ RL or <1/10 sample concentration	Terminate analysis; correct the problem; recalibrate or re-prepare and reanalyze batch.
ICV	Following ICB	90 - 110% recovery	Terminate analysis; correct the problem; recalibrate or re-prepare and reanalyze batch.
RL Check Standard (CRA)	Following the ICV	50 - 150% recovery QSM 80 – 120%	Terminate analysis; correct the problem; recalibrate or re-prepare and reanalyze batch.
CCV	Every 10 samples and at the end of the run	80 - 120 % recovery. QSM 90 – 110%	Terminate analysis; correct the problem; recalibrate and rerun all samples not bracketed by acceptable CCVs or re-prepare and reanalyze batch.
CCB	Immediately following each CCV	Absolute value < ½ RL or <1/10 sample concentration	Terminate analysis; correct the problem; recalibrate and rerun all samples not bracketed by acceptable CCVs or re-prepare and reanalyze batch.
Method Blank	One per sample preparation batch of up to 20 samples.	Project specific or ≤ ½ RL Sample results greater than 10% the blank concentration are acceptable.	Redigest and reanalyze samples. Note exceptions under criteria section.
Laboratory Control Sample (LCS)	One per sample preparation batch of up to 20 samples.	Recovery must be within statistical control or QSM limits, not to exceed 80 - 120%	Terminate analysis; correct the problem; redigest and reanalyze all samples associated with the failed LCS.
Matrix Spike	One per sample preparation batch of up to 20 samples.	Recovery must be within statistical control or QSM limits, not to exceed 75 - 125%	In the absence of client specific requirements, flag the data; no flag required if the sample level is > 4x the spike added.
Matrix Spike Duplicate	See Matrix Spike	Recovery within statistical control or QSM limits, not to exceed 75 - 125% recovery or in-house control limits; RPD ≤ 20%	See Corrective Action for Matrix Spike.

Attachment 2

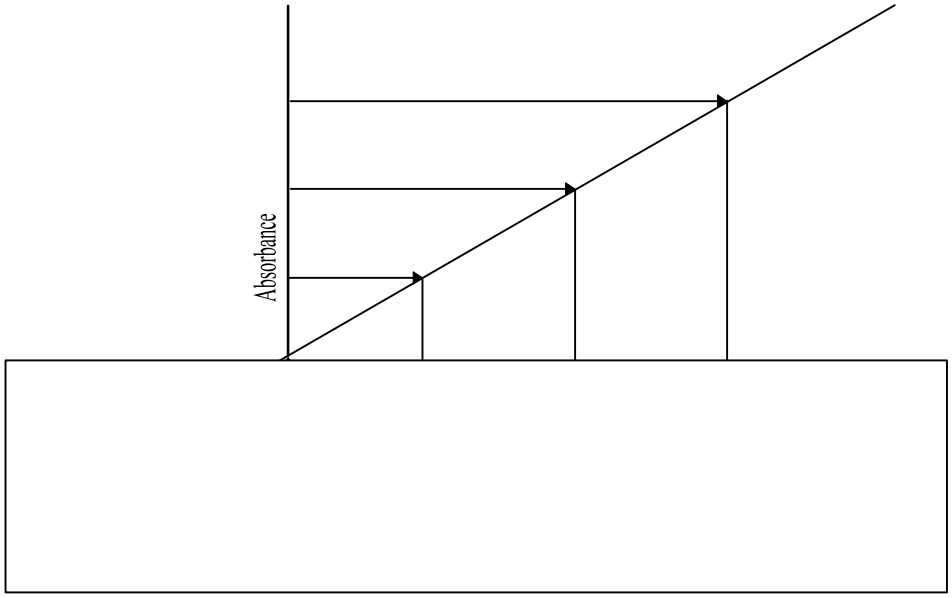
MSA Guidance

Method of Standard Addition

Four equal volume aliquots of sample are measured and known amounts of standards are added to three aliquots. The fourth aliquot is the unknown and no standard is added to it. The concentration of standard added to the first aliquot should be 50% of the expected concentration. The concentration of standard added to the second aliquot should be 100% of the expected concentration and the concentration of standard added to the third aliquot should be 150% of the expected concentration. The volume of the unspiked and spiked aliquots should be the same (i.e., the volume of the spike added should be negligible in relation to the volume of sample).

To determine the concentration of analyte in the sample, the absorbance (or response) of each solution is determined and a linear regression performed. On the vertical axis the absorbance (or response) is plotted versus the concentrations of the standards on the horizontal axis using 0 as the concentration of the unspiked aliquot. An example plot is shown in Figure 1. When the resulting line is extrapolated back to zero absorbance, the point of interception of the horizontal axis is the concentration of the unknown. Calculate the correlation coefficient (r) and the x-intercept (where y=0) of the curve. The concentration in the digestate is equal to the negative x-intercept.

Figure 1



For the method of standard additions to be correctly applied, the following limitations must be taken into consideration.

- The plot of the sample and standards must be linear over the concentration range of concern. For best results, the slope of the curve should be similar to that of a plot of the aqueous standard curve.
- The effect of the interference should not vary as the ratio of the standard added to the sample matrix changes.

Attachment 3

Instrument Maintenance

A maintenance log is used to record when maintenance is performed on instruments. When an instrument problem occurs, record the date, time and instrument number, then identify the problem and corrective action in the maintenance log. When the instrument is returned to service, record the return to service, the date, and any tests performed to verify proper operation.

The following preventative maintenance procedures are required to ensure that that the instrument is fully operational.

Cold Vapor Atomic Absorption

Daily	Monthly	Annually
Change rinse solution.	Check Hg lamp intensity.	Change Hg lamp.
Optimize light path.		Check liquid/gas separator.
Check argon flow.		
Check tubing. Replace as needed.		
Check drain.		
Check condition of dryer		

Attachment 4

Troubleshooting Guide

Problem	Possible Cause
Poor or No Absorbance or Sensitivity Check failed	Incorrect wavelength Dirty windows Window loose Etched or dirty optics Bad lamp Not enough or no sample introduced Empty sample cup Incorrectly made standards Gas leak
Erratic Readings	Source lamp not aligned properly Lamp not pre-warmed Injection tip partially clogged Contaminated reagents Contaminated glassware Drying tube saturated Bad lamp Injection tip hitting outside of tube Injection tip coated or not set properly Leak in sample tubing Power fluctuations Air bubbles in tubing
Standards reading twice or half normal absorbance or concentration	Incorrect standard used Incorrect dilution performed Dirty cell

COMPANY CONFIDENTIAL AND PROPRIETARY

ICP Analysis for Trace Elements by SW-846 Method 6010C/D and EPA 200.7

Approvals (Signature/Date):

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1.0 Scope and Application

1.1 This procedure describes the analysis of trace elements including metals in solution by Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICPAES). This procedure references Methods 200.7, 6010B, 6010C, and 6010D for hazardous waste (RCRA) testing.

1.2 The elements that can be determined by this procedure are listed in Attachment 1, together with the routine reporting limits. Additional elements may be analyzed under Methods 200.7, 6010B, 6010C, and 6010D provided that the method performance criteria presented in Section 12.0 are met.

1.3 The laboratory digests all water samples according to SOP DV-IP-0010 *Acid Digestion of Aqueous Samples for Metals Analysis*.

1.4 Silver concentrations must be below 1.0 mg/L in aqueous sample digestates and 100 mg/kg in solid matrix sample digestates. Precipitation may occur in samples where silver concentrations exceed these levels and lead to the generation of erroneous data. Samples with silver concentrations exceeding these levels must be re-prepared and reanalyzed using a smaller sample amount.

1.5 The digestion procedure for soil samples is described in SOP DV-IP-0015 *Acid Digestion of Solids*.

1.6 State or client specific requirements may take precedence over this SOP for water analysis. Review special instructions for each project before starting work.

2.0 Summary of Method

2.1 The laboratory uses simultaneous ICPAES instruments, with both axial and radial viewing configurations. Samples are nebulized and the aerosol that is produced is transported to the plasma torch where excitation occurs.

2.2 Characteristic atomic-line emission spectra are produced by a radio frequency inductively coupled plasma (ICP). The spectra are dispersed by a grating spectrometer and the intensities of the emission lines are monitored by a charge injection device (CID). The photo-currents from the charge injection device (CID) are processed and controlled by a computer system.

2.3 A background correction technique is required to compensate for variable background contribution to the determination of trace elements. Background must be measured adjacent to analyte lines during analysis. The position selected for the background intensity measurement, on either or both sides of the analytical line, will be determined by the complexity of the spectrum adjacent to the analyte line. The position used must be free of spectral interferences and reflect the same change in background intensity as occurs at the analyte wavelength measured. Background correction is not required in cases of line broadening where a background correction measurement would actually degrade the analytical result.

2.4 Refer to the appropriate SOPs for details on sample preparation methods: DV-IP-0010 *Acid Digestion of Aqueous Samples for Metals Analysis* for aqueous samples and DV-IP-0015 *Acid Digestion of Solids* for soil samples.

3.0 Definitions

3.1 Dual View ICP – an ICP equipped with both radial and axial viewing capabilities.

3.2 Dissolved Metals - Those elements which pass through a 0.45-µm membrane. The sample is acidified after filtration.

3.3 Potentially Dissolved Metals - Potentially dissolved metals is the concentration of metals in solution after acidifying the sample with nitric acid to pH < 2, holding at room temperature for 8 to 96 hours, and then filtering through a 0.45-µm membrane filter. This definition is based on the Colorado surface water regulations.

3.4 Suspended Metals - Those elements which are retained by a 0.45-µm membrane.

3.5 Total Metals - The concentration determined on an unfiltered sample following vigorous digestion.

3.6 Total Recoverable Metals - The concentration determined on an unfiltered sample following treatment with hot, dilute mineral acid.

3.7 Reporting Limit (RL) - The lowest concentration to which results are reported without qualification. Details concerning RLs are presented in Policy DV-QA-009P *Reporting Limits*.

3.8 Reagent Water - Water with a resistivity of 1 Megohm-cm or greater. The Eurofins Denver deionized water supply meets this requirement with a resistivity of at least 10 Megohm-cm.

3.9 Refer to the Glossary of the Eurofins Denver Quality Assurance Manual (QAM) and Policy DV-QA-003P *Quality Control Program* for definitions of general analytical and QA/QC terms.

4.0 Interferences

4.1 Spectral, physical, and chemical interference effects may contribute to inaccuracies in the determinations of trace elements by ICP. Spectral interferences are caused by the following:

4.1.1 Overlap of a spectral line from another element.

4.1.2 Unresolved overlap of molecular band spectra.

4.1.3 Background contribution from continuous or recombination phenomena.

4.1.4 Stray light from the line emission of high concentration elements.

4.2 A background correction technique is used to compensate for variable background contribution to the determination of trace elements. Background correction is not

required in cases where a background corrective measurement would actually degrade the analytical result.

4.3 Spectral Interferences

Inter-element correction factors (IECs) are necessary to compensate for spectral overlap. Inter-element interferences occur when elements in the sample emit radiation at wavelengths so close to that of the analyte that they contribute significant intensity to the analyte signal. If such conditions exist, the intensity contributed by the matrix elements will cause an excessively high (or sometimes low) concentration to be reported for the analyte. Inter-element corrections must be applied to the analyte to compensate for the effects of these unwanted emissions.

4.4 Physical Interferences

An internal standard (IS), yttrium or other suitable element, is added to all solutions to correct and monitor physical interferences. Use of a peristaltic pump and the mass flow controller also help to overcome physical interferences. Physical interferences are generally considered to be effects associated with sample transport, nebulization, and conversion within the plasma. These interferences may result in differences between instrument responses for the sample and the calibration standards. Physical interferences may occur in the transfer of solution to the nebulizer (e.g., viscosity effects), at the point of aerosol formation and transport to the plasma (e.g., surface tension), or during excitation and ionization processes within the plasma itself. Changes in viscosity and surface tension can cause significant inaccuracies, especially in samples containing high dissolved solids or high acid concentrations. If internal standard recoveries are not acceptable (see Section 9.11), then dilution of the sample may be necessary to overcome the interferences.

4.5 Chemical Interferences

Chemical interferences are characterized by molecular compound formation, ionization effects, and solute vaporization effects. Normally these effects are not significant with the ICP technique, but if observed, can be minimized by buffering the sample, matrix matching, or standard addition procedures.

5.0 Safety

5.1 Employees must abide by the policies and procedures in the Corporate Safety Manual, Radiation Safety Manual and this document.

5.2 This procedure may involve hazardous material, operations and equipment. This SOP does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of the method to follow appropriate safety, waste disposal and health practices under the assumption that all samples and reagents are potentially hazardous. Safety glasses, nitrile or latex gloves, lab coats and closed-toe, nonabsorbent shoes are a minimum.

5.3 Specific Safety Concerns or Requirements

5.3.1 Eye protection that satisfies ANSI Z87.1, laboratory coat, and nitrile or latex gloves must be worn while handling samples, standards, solvents, and reagents. Disposable gloves that have been contaminated must be removed and discarded; non-disposable gloves must be cleaned immediately.

5.3.2 The ICP plasma emits strong UV light and is harmful to vision. All analysts must avoid looking directly at the plasma. The RF Generator produces strong radio frequency waves, most of which are unshielded. People with pacemakers should not go near the instrument while in operation.

5.4 Primary Materials Used

The following is a list of the materials used in this method, which have a serious or significant hazard rating. **Note: This list does not include all materials used in the method. The table contains a summary of the primary hazards listed in the SDS for each of the materials listed in the table.** A complete list of materials used in the method can be found in the reagents and materials section. Employees must review the information in the SDS for each material before using it for the first time or when there are major changes to the SDS.

Material (1)	Hazards	Exposure Limit(2)	Signs and Symptoms of Exposure
Nitric Acid	Corrosive Oxidizer Poison	2 ppm-TWA 4 ppm-STEL	Nitric acid is extremely hazardous; it is corrosive, reactive, an oxidizer, and a poison. Inhalation of vapors can cause breathing difficulties and lead to pneumonia and pulmonary edema, which may be fatal. Other symptoms may include coughing, choking, and irritation of the nose, throat, and respiratory tract. Can cause redness, pain, and severe skin burns. Concentrated solutions cause deep ulcers and stain skin a yellow or yellow-brown color. Vapors are irritating and may cause damage to the eyes. Contact may cause severe burns and permanent eye damage.
Hydrochloric Acid	Corrosive Poison	5 ppm-Ceiling	Inhalation of vapors can cause coughing, choking, inflammation of the nose, throat, and upper respiratory tract, and in severe cases, pulmonary edema, circulatory failure, and death. Can cause redness, pain, and severe skin burns. Vapors are irritating and may cause damage to the eyes. Contact may cause severe burns and permanent eye damage.

1 – Always add acid to water to prevent violent reactions.
2 – Exposure limit refers to the OSHA regulatory exposure limit.

6.0 Equipment and Supplies

6.1 Instrumentation

6.1.1 Agilent 5100 and 5110 are currently used. Instruments with demonstrated equivalent performance can also be employed.

6.1.2 Radio Frequency Generator (built into ICP)

6.1.3 Argon gas supply

6.1.4 Coolflow or appropriate water-cooling device

6.1.5 Peristaltic Pump

6.1.6 Autosampler

6.2 Supplies

6.2.1 Calibrated adjustable pipettes or Class A glass volumetric pipettes

6.2.2 Class A volumetric flasks

6.2.3 Autosampler tubes

6.3 Computer Software and Hardware

A list of computer software and hardware used for analysis and data processing is maintained by the QA department. Chromatographic processing is completed in Chrom and batch data is stored in TALS.

7.0 Reagents and Standards

7.1 Reagent grade chemicals shall be used in all tests. Unless otherwise indicated, it is intended that all reagents shall conform to the specifications of the Committee on Analytical Reagents of the American Chemical Society, where such specifications are available. Other grades may be used, provided it is first ascertained that the reagent is of sufficiently high purity to permit its use without lessening the accuracy of the determination. All standards used in calculations shall be entered into the TALS Reagent Module with all applicable information (e.g., components, concentrations, expiration, etc.).

7.2 Shelf-Life

7.2.1 Stock standards, standards as received from the vendor, expire on the date assigned by the vendor. If no date is assigned by the vendor, a one-year expiration will be assigned by the laboratory.

7.2.2 The expiration date of intermediate concentration standards or working standards will be set at six months or less and cannot be later than the date assigned to any of the stock standards used to prepare the intermediate solution.

7.2.3 If visible deterioration is noted for any standard, it must be re-verified against a second source standard. Any standard that does not verify must be replaced.

7.3 Standards

7.3.1 Standards used for calibration and quality control purposes must be NIST traceable, where available. Multi-component custom blend standards must be verified against a second-source standard before they are first put into use (the only exception is standards purchased directly from NIST), as described in SOP DV-QA-0015 *Verification and Storage of Chemical Standards and Reagents*. If the standard has been purchased previously it does not need to be verified, but the COA must be inspected to confirm that there have been no changes to the standard analyte levels.

7.3.2 Stock standards are purchased as custom multi-element mixes or as single-element solutions. All standards must be stored in FEP fluorocarbon, polyethylene, or polypropylene bottles. Silver standards must be protected from light. The preparation frequency is governed by the parent standard with the earliest expiration date unless specified otherwise in this SOP. Detailed instructions regarding the preparation of standards and reagents are given in this section. Alternate procedures are allowed as necessary to accommodate volume requirements if final concentrations are maintained and an accurate description of the standard or reagent used is entered into the Reagent Module in the Eurofins Denver LIMS (TALS).

7.3.3 Intermediate calibration and QC standards are prepared in water with hydrochloric and nitric acids in order to approximate the acidic matrix of the various digests analyzed. Even with the use of yttrium as an internal standard, deviations from these concentrations can cause physical effects, as discussed in Section 4.4 of this procedure.

7.4 Reagent Blank / Initial Calibration Blank (ICB) / Continuing Calibration Blank (CCB)

Fill a 20-liter carboy with about 18 liters of reagent water. Slowly add 1 liter of concentrated nitric acid and 1 liter of concentrated hydrochloric acid. Adjust the total volume to 20 liters. Mix carefully. Record the acid lot number and other required information in the Blank Reagent Logbook stored in the metals prep area.

7.5 Stock ICSA and ICSAB Standards

The following standards are purchased from commercial sources:

Stock ICSA & ICSAB Standard	Elements	Concentration (mg/L)
ICP ICSA Mix	Fe Al, Ca, Mg	2,000 5,000
ICSAB-1	Sb, Mo, Sn, Ti Si SiO2	100 1,000 2,140

Stock ICSA & ICSAB Standard	Elements	Concentration (mg/L)
ICSAB-2	Be	50
	Ag, As, Ba, Cd, Co, Cr, Cu, Mn, Ni, Pb, Se, Sr, Tl, V, Zn	100
	B, K, Na, P	1,000
Single element solutions as needed	As required	Typically 1,000

7.6 ICSA Working Standard (ICP ICSA)

A combined working ICSA standard is made in a 250-mL volumetric flask using the following volumes of the Stock ICSA and ICSAB Standards:

Stock Standard	Volume of Stock Added (mL)
ICSA Std	25

Adjust to volume (250 mL) using the reagent blank solution. This produces the final ICSA standard concentrations shown in Attachment 4.

7.7 ICSAB Working Standard

A combined working ICSAB standard is made in a 250-mL volumetric flask using the following volumes of the Stock ICSAB Standards:

Stock Standard	Volume of Stock Added (mL)
ICP ICSA Mix	25
ICSAB-1	2.5
ICSAB-2	2.5
1000 ppm single element as needed	0.25

Adjust to volume (250 mL) using the reagent blank solution. This produces the final ICSAB standard concentrations shown in Attachment 4.

7.8 Calibration Check Standard (S1, S2)

The two calibration check standards are the same as the working ICAL standards (ICP ICAL1A and ICP ICAL2A) described in Section 7.12.

7.9 Laboratory Control Sample (LCS) Stock Standards

The LCS stock standards are purchased from commercial sources. The stocks are custom-made standards purchased at ready-to-use concentrations. Specific concentrations may vary according to vendor availability and client requirements; typical stock standards are as follows:

LCS Stock Standards	Elements	Concentration (mg/L)
Spike Mix #1	Ag As, Ba, Be, Cd, Co, Cr, Cu, Li, Mn, Ni, Pb, Se, Sr, Tl, V, Zn B Al, Fe P, S Ca, K, Mg, Na	5 100 200 1000 2000 5000
Spike Mix #2	Mo, Sb, Sn, Ti, Zr Si	100 1000

The soil and water LCSs are prepared according to the instructions in SOPs DV-IP-10 *Acid Digestion of Aqueous Samples for Metals Analysis* and DV-IP-0015 *Acid Digestion of Solids*. Final concentrations are shown in Attachment 2.

7.10 Matrix Spike / Matrix Spike Duplicate (MS/MSD)

The same LCS stock standards described in Section 7.9 are also used to prepare matrix spikes and matrix spike duplicates. Final concentrations are shown in Attachment 2.

7.11 Post Digestion Spike (PDS) Standards (Analyte Addition Spike Standards)

The custom standards tabulated below are purchased from a commercial source. Specific concentrations may vary according to vendor availability and client requirements; typical stock standards are below. Add 0.06 mL of each to 6 mL (100X) of digestate or dilution of digestate.

PDS Stock	Elements	Conc. (mg/L)
ICP PDS 1	Ag, Be, Cd, Co, Cr, Cu, Mn, Ni, Sr, V Ba, Li, Pb As, Se, Th, Tl, Zn U Al, Fe P Ca, K, Mg, Na	5 10 20 50 100 200 2,000
ICP PDS 2	Mo, Ti, Zr B, Sb, Sn Si (SiO_2)	5 10 500 (1,070)

7.12 Initial Calibration (ICAL) Standards

7.12.1 Stock Calibration Standards

The following stock solutions are purchased from commercial sources. Specific concentrations may vary according to vendor availability and client requirements; typical stock standards are as follows:

Stock Standard	Elements	Conc. (mg/L)
ICP Cal Std #1	Si As, Ba, Be, Cd, Co, Cr, Cu, Li, Mn, Mo, Ni, Pb, Sb, Se, Sn, Sr, Ti, Tl, V	1,000 100
ICP Cal Std #3	P S U W Al, Fe, Na, Th U	1,000 1,000 100 100 10,000 1,000
ICP Cal Std #4	K Na Mg Ca Fe Bi Ag, Al, B, Zn, Zr	10,000 5,000 4,000 1,000 500 200 100

7.12.2 Working Initial Calibration Standard (ICP ICAL1A)

Add 10.0 mL of ICP Cal Std #3 and ICP Cal Std #4 to a 1 liter volumetric flask partially filled with reagent blank solution. Add 2 mL of the As, Pb, Sb, Se, and Tl stocks. Dilute to the mark with reagent blank solution.

7.12.3 Working Initial Calibration Standard (ICP ICAL2A)

Add 10 mL of ICP Cal Std #3, 10 mL of the 10,000 mg/L Al and Fe stock standards, 50 mL of 10,000 mg/L Na stock, 1 mL of the 10,000 mg/L Th standard and 4 mL of the 1,000 mg/L U standard to a 1,000-mL volumetric flask partially filled with reagent blank and dilute to the mark with reagent blank.

7.13 Initial Calibration Verification (ICV)

7.13.1 ICV Stock Standards

The following stock solutions are purchased from commercial sources. Specific concentrations may vary according to vendor availability and client requirements; typical stock standards are as follows:

Stock Standard	Elements	Conc. (mg/L)
ICP CalStd1-SS	As, Ba, Be, Cd, Co, Cr, Cu, Li, Mn, Mo, Ni, Pb, Sb, Se, Sn, Sr, Ti, Tl, V Si (SiO2)	100 1,000 (2,140)

Stock Standard	Elements	Conc. (mg/L)
ICP CalStd4-SS	Ag, Al, B, Zn, Zr	100
	Bi	200
	Ca	1,000
	Fe	500
	K	10,000
	Mg	4,000
	Na	5,000
ICP CalStd 3-SS	P	1,000
	S	1,000
	U	100
	W	100
Al-SS, Fe-SS, Na-SS, Th-SS Stocks	Al, Fe, Na, Th	10,000

7.13.2 Working High Initial Calibration Verification (ICP ICVH)

Add 0.40 mL of ICP CalStd3-SS stock standard, 0.40 mL of the 10,000 mg/L Al standard, 0.8 mL of the 10,000 mg/L Fe and Na standards and 0.030 mL of the 10,000 mg/L Th standard to a 100 mL volumetric flask partially filled with reagent blank solution and dilute to the mark.

Note: For Method 6010D the ICV working solutions must be prepared daily.

7.13.3 Working Initial Calibration Verification (ICP ICV)

Add 0.25 mL of ICP CALStd1-SS and ICP CalStd4-SS to a 100-mL volumetric flask partially filled with reagent blank solution and dilute to the mark.

Note: For Method 6010D the ICV working solutions must be prepared daily.

7.14 Reporting Limit Standard

7.14.1 RL Stock Standards

The low level ICV/CCV verification stock standards are custom-made commercial standards used to make the working RL standard. Specific concentrations may vary according to vendor availability and client requirements; typical stock standards are as follows:

LLICV/LLCCV Stock Standard	Elements	Conc. (mg/L)
ICP-LLCCV-5-REV1	K	300
	Na	100
	Ca, Mg	20
	Al, Bi, Fe	10
	U	6
	Ni	4
	Zn, Li, Se	2
	As, Cu, Th	1.5
	Tl	1.2
	Ba, Cr, Co, Mn, Ag, Sr	1
	V	1
	Pb	0.9
	Cd	0.5
	Be	0.1
ICP LLCCV-2A	P	300
	Si	50
	B, Sn, S	10
	Mo, Sb	2
	Zr, Ti	1

7.14.2 Reporting Limit Working Standard (ICP CRI)

RL Standard	Vol. of Stock Added (mL)
ICP-LLCCV-5-REV1	1
ICP-LLCCV-2A	1

Adjust to volume (100 mL) using the reagent blank solution. The working RL standard must be prepared daily.

7.15 High Continuing Calibration Verification (ICP CCVH)

Perform a 2x dilution of the working ICP ICAL2A solution (Section 7.12.3) with reagent blank solution.

7.16 Continuing Calibration Verification (ICP CCV)

Perform a 2x dilution of the working ICP ICAL1A solution (Section 7.12.2) with reagent blank solution.

7.17 Low Level ICV/Low Level CCV (ICP LLCCV)

The low level ICV/CCV verification stock standards are custom-made commercial standards as follows. Specific concentrations may vary according to vendor availability and client requirements; typical stock standards are as follows:

LLICV/LLCCV Stock Standard	Elements	Conc. (mg/L)
ICP LLCCV-4	K	300
	Na	100
	Ca, Mg	20
	Al, Bi, Fe	10
	U	6
	Ni	4
	Li, Se, Zn	2
	As, Cu, Tl, Th	1.5
	Ba, Cr, Co, Mn, Ag, Sr, V	1
	Pb	0.9
	Cd	0.5
	Be	0.1
ICP LLCCV-2	P	300
	Si	50
	B, S, Sn	10
	Mo, Sb	2
	Zr, Ti	1.0

7.17.1 Low Level ICV \ Low Level CCV, Working Standards

RL Standard	Vol. of Stock Added (mL)
ICP-LLCCV-4	1
ICP-LLCCV-2	1

Adjust to volume (100 mL) using the reagent blank solution.

7.18 Linear Range Verification Standard (LR)

The LRA standard is prepared from single element stock standards of each metal obtained from a commercial source. The stock standards are each purchased at a concentration of 1,000 mg/L except for Iron and Silicon which are each at a concentration of 10,000 mg/L. The LRA is prepared by taking the appropriate volume of each stock and adding it to a 500 mL volumetric flask partially filled with reagent blank and diluted to the mark after all elements have been added. The volume of each stock solution of each metal and volume used, along with final concentrations of each are listed in the following table.

Elements	Stock Conc. (mg/L)	Volume of stock (mL)	Final Conc. (mg/L)
Cd,	1,000	1.0	2
Co, Mo, Se, Tl	1,000	2.5	5
As, B, Cr, Cu, Mn, Ni, Pb, Sr, Ti, V, Zn	1,000	5.0	10
Ba	1,000	6.0	12
Fe	10,000	25	500
Si (SiO_2)	10,000	2.5	50 (107)

7.19 Internal Standard (ICP IS)

7.19.1 For the Agilent 5100 and 5110 add 0.5 ml of 10,000 mg/L Yttrium to 1000 ml of reagent blank.

7.20 Reagents

7.20.1 Concentrated nitric acid (HNO_3), ACS grade or better.

7.20.2 Concentrated hydrochloric acid (HCl), ACS grade or better.

7.20.3 Reagent water must be produced by a Millipore DI system or equivalent, with a minimum resistivity of 1.0 Mohm/cm at 25 ˚C.

8.0 Sample Collection, Preservation, Shipment and Storage

Sample container, preservation techniques and holding times may vary and are dependent on sample matrix, method of choice, regulatory compliance, and/or specific contract or client requests. Listed below are the holding times and the references that include preservation requirements.

Matrix	Sample Container	Min. Sample Size	Preservation [1]	Holding Time [2]	Reference
Waters	HDPE	50 mL	HNO_3, pH < 2;	180 Days	40 CFR Part 136.3
Soils	Glass	3 grams	Cool ≤ 6 ^oC [3]	180 Days	N/A

[1] Aqueous samples are preserved with nitric acid to a pH of < 2 and may be stored in either plastic or glass. If boron or silica are to be determined, plastic containers are preferred. Refrigeration is not required for most programs. Preservation must be verified prior to analysis.

[2] Inclusive of digestion and analysis.

[3] Although ICP analysis of soil does not require refrigeration of the samples, mercury analysis does require refrigeration. Samples which will be used to aliquot volume for both analyses must be refrigerated.

9.0 Quality Control

9.1 The minimum quality controls (QC), acceptance criteria, and corrective actions are described in this section. When processing samples in the laboratory, use the TALS Method Comments to determine specific QC requirements that apply.

9.1.1 The laboratory's standard QC requirements, the process of establishing control limits, and the use of control charts are described more completely in Eurofins Denver Policy DV-QA-003P *Quality Control Program*.

9.1.2 Specific QC requirements for Federal programs, e.g., Department of Defense (DoD), Department of Energy (DOE), etc., are described in Eurofins Denver Policy DV-QA-024P *QA/QC Requirements for Federal Programs*. This procedure meets all criteria for the DoD/DOE QSM unless otherwise stated. Any deviation or exceptions from QSM requirements must have prior approval in the project requirements.

9.1.3 Project-specific requirements can override the requirements presented in this section when there is a written agreement between the laboratory and the client, and the source of those requirements should be described in the project documents. Project-specific requirements are communicated to the analyst via Method Comments in TALS and the Quality Assurance Summaries (QAS) in the public folders.

9.1.4 Any QC result that fails to meet control criteria must be documented in a Nonconformance Memo (NCM). The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. This is in addition to the corrective actions described in the following sections.

9.2 Batch Definition

Batches are defined at the sample preparation stage. The batch is a set of up to 20 samples of the same matrix, plus required QC samples, processed using the same procedures and reagents within the same time period. See Policy DV-QA-003P *Quality Control Program* for further details.

9.3 Method Blank

The blank is de-ionized water taken through the procedure as if it were a sample. For soil samples analyzed under the DoD QAPPs, the method blank consists of < 1 mm glass beads that have been processed in the same manner as the samples. A method blank is required with every batch of 20 or fewer samples.

Acceptance Criteria: The method blank must not contain any analyte of interest above ½ the reporting limit or above one-tenth of the concentration found in the associated samples (for samples with concentrations above the RL). There may be exceptions allowed for common lab contaminants to be

controlled to the full reporting limit (Al, Ca, Fe, K, Mg, Na, Si, Zn, Ba [TCLP extracts only]).

Corrective Action: If the method blank exceeds allowable levels, all associated samples must be redigested and reanalyzed. A possible exception is the situation in which the analyte is not detected (<RL, or <LOD for QSM) in any of the associated samples, but this can only be done with client approval and it must be addressed in the final report case narrative.

9.4 Laboratory Control Sample (LCS)

The LCS is prepared as described in Section 7.9. One LCS is required with each analytical batch.

Acceptance Criteria: The recovery of the LCS must be within historical control limits. Historical control limits are based on three standard deviations of past results and must be 80 - 120% or tighter. In the instance where the LCS recovery is greater than 120% and the sample results are < RL, the data may be reported with qualifiers. Such action must be taken in consultation with the client and must be addressed in the report narrative. The process of establishing control limits is described in more detail in the Policy DV-QA-003P *Quality Control System*. The control limits are stored in TALS. For QSM projects, QSM-specified control limits are used instead when defined.

Corrective Action: If the LCS recovery falls outside of the established limits, all associated samples must be redigested and reanalyzed

9.5 Matrix Spike / Matrix Spike Duplicate (MS/MSD)

MS/MSDs are prepared as described in Section 7.10. One MS/MSD pair is required with each analytical batch (or for every ten samples for 200.7). Note that some programs (e.g., North Carolina and South Carolina) require the MS/MSDs to be run at a 10% frequency. Some client specific data quality objectives (DQOs) may require the use of sample duplicates in place of or in addition to MS/MSDs. The MS/MSD results are used to determine the effect of a matrix on the precision and accuracy of the analytical process. Due to the potential variability of the matrix of each sample, these results may have immediate bearing on only the specific sample spiked. Samples identified as field blanks should not be used for MS/MSD analysis. Note that if client instructions on the chain of custody form tell the lab to use a field blank for the MS/MSD, this should be double-checked with the laboratory PM.

Acceptance Criteria: The MS and MSD recoveries and the relative percent difference (RPD) between the MS and MSD results must be within the established control limits. Percent recovery control limits are set at ± 3 standard deviations around the historical mean of the LCS recovery data, unless otherwise dictated by

the client or project. The RPD control limit is set at 3 standard deviations above the mean of the historical data.

NOTE: DoD QSM limits apply to projects performed under this program.

Corrective Actions: The information obtained from MS data are sample/matrix specific and are not normally used to determine the validity of the entire batch. If the MS and/or MSD recovery falls outside of the established control limits, the bracketing CCV and batch LCS recoveries must be within control limits in order to accept results for the associated samples. The following corrective actions are required for MS/MSD recovery failures to rule out lab error:

- Check calculation and instrument performance;
- Verify, if possible, that the MS and MSD were spiked correctly (e.g., very low or very high recoveries);
- Consider objective evidence of matrix interference (e.g., heterogeneous sample, interfering peaks seen on chromatograms, or interference demonstrated by prior analyses);
- Flag the data for any results outside of acceptance limits.
- For any single RPD failure, check calculations; verify, if possible, that the MS and MSD were spiked correctly; check instrument performance; consider objective evidence of matrix interference or sample inhomogeneity; and flag the data.
- If both the parent sample and associated matrix spike results are over range the parent and the spikes shall be diluted by the same amount and the results from the reanalysis reported for both. If the analyte concentration in the parent sample is greater than four times the concentration of spike added, then spike recovery results are not compared to control limits, and the recovery is either reported as “NC” (not calculated) or with a qualifier flag to indicate that the spike was less than four times the analyte concentration in the sample. If the dilution will cause the spike to be less than two times the reporting limit, the MS/MSD do not need to be diluted and the recovery reported as “NC” (not calculated).
- For MS/MSD that serve as batch QC, if the parent sample result is within the calibration range and the MS/MSD results are above the calibration range, the results are reported with the MS/MSD result being

flagged as an over-range measurement (e.g., the E-flag qualifier).

- If the MS/MSD are client requested, the parent sample result is within calibration range and the MS/MSD results are above the calibration range, the sample and spike should be diluted, keeping in mind that we need to assess whether or not the dilution will best serve the client's needs. Consult with the PM as needed. Both the parent sample and MS/MSD samples must have the same dilution factor. Some EDDs do not accept data that are at different dilution factors.
- If the native analyte concentration in the MS/MSD sample exceeds 4 times the spike level for that analyte, the recovery data are reported as NC (i.e., not calculated) and the appropriate qualifier flags are added.

NOTE: See Denver Policy Memorandum P16-001 and Corporate Policy Memorandum CA-Q-QM-013 for more detail.

NOTE: Some client programs require reanalysis to confirm matrix interferences. Check special project requirements for this corrective action.

NOTE: This method does not require a sample duplicate. Precision is measured using the MS/MSD. Use of the MS/MSD is preferred as not all samples will contain measurable concentrations of the target analytes. Samples that have target analytes at low concentrations or non-detectable levels do not provide useful precision data. When an MS/MSD is not available, an LCS and LCSD will be used to measure precision. DoD requires the MS/MSD to be assigned by the client. When there is no assigned MS/MSD or there is not enough sample volume provided an LCSD must be prepared.

9.6 Method of Standard Additions (MSA)

9.6.1 This technique involves constructing a calibration curve in the sample matrix itself to compensate for any sample interferents that may enhance or depress the analyte signal, thus producing a different slope from that of the calibration standards. It will not correct for additive interferences that cause a baseline shift. Attachment 8 provides more guidance on performing MSA analyses.

9.6.2 EPA Method 1311 (Section 8.4) recommends that the MSA be used as the calibration method if the MS or MSD recoveries for TCLP extracts are less than 50% and the sample result is within 80 - 100% of the regulatory level. Attachment 4 provides a list of the regulatory limits. Although the MSA calibration technique may be used with only the sample and a single spiked point, Method 1311 specifies that three spiked points must be used along with the sample.

9.6.3 TALS does not currently have the capability to report results from an MSA-based analysis. If an MSA must be performed, the sample results must be calculated using the MSA spreadsheet (stored at R:\QA\Edit\Forms\Metals\MSA Worksheet - Water) and reported in an NCM. All of the associated samples must then be recalculated against the MSA spreadsheet. The completed spreadsheet must be saved and attached to the analytical batch in TALS along with the raw data.

9.6.4 A manual "N' flag must also be added to all of the affected samples in TALS, indicating the presumptive evidence for the analyte. This flag signals the Project Manager and indicates that narration of the result is required.

9.7 Serial Dilution Test

A dilution test is performed for each batch of samples. The purpose of this test is to ensure that neither positive nor negative interferences are biasing the analytical results. The serial dilution test should be performed on the same sample used to perform the MS/MSD.

Acceptance Criteria: If the analyte concentration is sufficiently high (minimally, a factor of 50 times the MDL), an analysis of a 1:5 dilution (e.g., 1 mL of sample diluted to 5 mL with reagent blank solution) must agree within ± 10% of the original determination. For QSM the serial dilution is required if the MS or MSD fails and the parent concentration is greater than 50x the LOQ prior to dilution. 6010D requires the parent sample to be at least 25x higher than the RL to be calculable and sets the recovery limit at 20%.

Corrective Action: If the two results do not agree within the required limits, then a chemical or physical interference is suspected. A qualifier flag is assigned to the data and the failure is addressed in the case narrative to alert the client that a matrix affect may be present. For DoD QSM a J-flag is added to the parent sample for the specific analyte if the acceptance criteria are not met.

9.8 Post Digestion Spike (PDS)

Whenever the MS/MSD recoveries are unacceptable, a PDS spike must be performed. The PDS spike is prepared as described in Section 7.10. Some programs require a PDS analysis whenever the serial dilution test fails. Other programs (e.g., DoD QSM) require a PDS to be included in every batch. Check project requirements. For programs where a PDS is required, the same sample that was used for the serial dilution test should be used for the PDS.

Acceptance Criteria: An analyte spike added to a portion of a prepared sample, or its dilution, should be recovered to within 80 - 120% for Method 6010C and 75 - 125% for 6010D.

Corrective Action: If the spike is not recovered within the specified limits, a matrix effect is confirmed. For DoD QSM a J-flag is added to the parent sample if the sample concentration is less than 50x the LOQ prior to dilution. Any failures are flagged and should be described in the report case narrative.

9.9 Interference Check Analysis (ICSA / ICSAB)

The ICSA contains only interfering elements, the ICSAB contains analytes and interferents. Refer to Sections 7.5, 7.6, and 7.7 for the preparation of the ICSA and ICSAB solutions. Attachment 4 lists the final concentrations. All analytes are spiked into the ICSAB solution. The ICSA and ICSAB solutions are analyzed at the beginning of the run.

Acceptance Criteria: The ICSAB results for the all analytes must fall within 80-120% of the true value. If any ICSAB analyte result fails criteria, the analysis should be terminated, the problem corrected, the instrument recalibrated, and the samples rerun.

The absolute value of ICSA results for the non-interfering elements must be ≤ 2x RL. For DoD QSM the non-spiked analytes must be less than the absolute value of one-half the RL unless they are verified impurities. For 6010D the non-spiked analytes must be less than the absolute value of the LOQ.

Corrective action: If the ICSA results for the non-interfering elements do not meet these limits, the field sample data must be evaluated as follows: If the non-interfering element concentration in the ICSA is the result of contamination versus a spectral interference, and this reason is documented, the field sample data can be accepted. The sample data may also be accepted if the affected element was not required. If the interfering elements are not present in the field sample at a concentration which would result in an absolute value > 2x RL, then the field sample data can be accepted. If the interfering element is present in the field sample at a level which would result in a false analyte signal > 2x RL, the data can be accepted only if the concentration of the affected analyte in the field sample is more than 10x the analyte signal in the ICSA. If the data do not meet the above conditions, then the IECs must be re-evaluated and corrected if necessary and the affected samples reanalyzed.

9.10 Monitoring Internal Standard Results

Yttrium is automatically added as an internal standard (IS) to every solution tested through use of a third pump channel and mixing coil. The analyst must monitor the response of the internal standard throughout the sample analysis run. This

information is used to detect potential problems and identify possible background contributions from the sample (i.e., natural occurrence of IS analyte).

Acceptance Criteria: If the internal standard counts fall within ± 30% of the counts observed in the ICAL blank, then the data are acceptable.

Corrective Action: If the internal standard counts in the field samples are outside of the control limits, the field samples must be diluted and reanalyzed;

10.0 Procedure

10.1 One-time procedural variations are allowed only if deemed necessary in the professional judgment of supervision to accommodate variation in sample matrix, radioactivity, chemistry, sample size, or other parameters. Any variation in procedure shall be completely documented using an NCM. The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. The NCM shall be filed in the project file and addressed in the case narrative.

10.2 Any unauthorized deviations from this procedure identified after the work has been completed must be documented in an NCM, with a cause and corrective action described.

10.3 Sample Preparation

Solid and aqueous samples must be digested prior to analysis by the appropriate method (see SOPs DV-IP-0010 *Acid Digestion of Aqueous Samples for Metals Analysis* and DV-IP-0015 *Acid Digestion of Solids*).

10.4 Calibration

10.4.1 Instrument Start Up

Set up the instrument with the operating parameters recommended by the manufacturer. Complete any required preventative maintenance and record in the ICPAES Preventative Maintenance Log. Preventive maintenance recommendations are listed in the Eurofins Denver Quality Assurance Manual. Allow the instrument to become thermally stable before beginning calibration (approximately 30 minutes of warm-up is required).

10.4.2 Initial Calibration (ICAL)

The calibration curve is established on each day of operation using a blank and one standard. The preparation of the ICAL standards is described in Section 7. The final concentrations of the ICAL standards are presented in Attachment 6. The validity of the calibration curve is confirmed by analysis of the ICV, CCV, ICB, RL Check standard and Low Level ICV/CCV) which are run immediately after the ICAL. Some programs also require a high-level verification check (see Section 10.4.9).

10.4.3 Initial Calibration Verification (ICP ICVH and ICP ICV)

Calibration accuracy is verified using a second-source standard (ICP ICVH and ICP ICV) that is at or below a concentration near the mid-point of the working range. The ICV is analyzed immediately after the ICAL. The preparation of this standard is described in Section 7. The concentration of the ICV standard is presented in Attachment 6. This routine analysis covers the quarterly QCS requirement for 200.7.

Acceptance Criteria: The ICV result must fall within 10% of the true value for that solution, or 5% for 200.7. The relative standard deviation must be < 3% (the laboratory is using at least four exposures for all ICP analyses).

Corrective Action: If the ICV fails to meet acceptance limits, the standard may be reanalyzed without modification to the instrument operating conditions. Two consecutive, acceptable analyses are required before the analytical run may continue. Otherwise, the analysis must be terminated, the problem corrected, the instrument recalibrated, and the calibration re-verified.

10.4.4 Mid Level Continuing Calibration Verification (CCV)

The preparation of the CCV solution is described in Section 7. The final concentrations of the CCVs are presented in Attachment 6. Note that the CCV is made at a different concentration than the ICV to meet NELAC requirements. CCVs are analyzed after the ICV, after every ten samples, and at the end of the analytical run.

Acceptance Criteria: The CCV must be within 10% of the expected value. The relative standard deviation must be < 3%.

Corrective Action: If the CCV fails to meet any of these criteria, the standard may be reanalyzed without modification to the instrument operating conditions. *Two consecutive, acceptable analyses are required before the analytical run may continue*. Otherwise, the instrument must be recalibrated and the samples reanalyzed since the last successful CCV must be reanalyzed.

10.4.5 6010C - Low Level Initial Calibration (LLICV) and Continuing Calibration Verification (LLCCV)

The preparation of the LLCCV solution is described in Section 7. The low-level CCV needs to be analyzed at the beginning and end of every run sequence for Method 6010C. If low level samples are expected then the low-level CCV should also be run every ten samples for Method 6010C.

Acceptance Criteria: The LLCCV must be within +/-30% of the expected value to meet Method 6010C requirements.

Corrective Action: If the LLCCV fails to meet any of these criteria, the standard may be reanalyzed without modification to the instrument operating conditions. *Two consecutive, acceptable analyses are required before the analytical run may continue*. If the calibration cannot be verified within theses specified limits, the analysis of samples containing the affected analytes at similar concentrations cannot continue until the cause is determined and the LLCCV standard successfully analyzed. Otherwise, the instrument must be recalibrated and the samples reanalyzed since the last successful CCV must be reanalyzed. Eurofins Denver will not hold samples with concentrations greater than 10x the reporting limit to the 30% acceptance criteria.

10.4.6 Initial Calibration Blank (ICB)

System cleanliness is verified by analyzing an ICB after the first CCV. The preparation of the ICB is described in Section 7.

Acceptance Criteria: Absolute values for the calibration blanks must be less than ½ the standard RL. Common lab contaminants such as sodium must be less than the RL. Client specific requirements take precedence.

Corrective Action: If the ICB fails to meet acceptance limits, a single reanalysis may be attempted without modification to the instrument operating conditions. Otherwise, the analysis must be terminated, the problem corrected, the instrument recalibrated, and the calibration re-verified.

10.4.7 RL Calibration Check Standard (ICP CRI)

Calibration accuracy at the RL is verified by analyzing a standard prepared at a concentration at or below the laboratory's standard reporting limit. The preparation of this standard is described in Section 7. Alternate RL standard concentrations may be used as necessary to meet client requirements if an accurate description of the standard used is entered into the Reagents Module in TALS.

Acceptance Criteria: For routine work the acceptance limits are ± 50% of the expected value. For 6010D and DoD QSM the acceptance limits are ± 20%.

Corrective Action: If the RL Check standard fails to meet acceptance limits, a single reanalysis may be attempted without

modification to the instrument operating conditions. Otherwise, the analysis must be terminated, the problem corrected, the instrument recalibrated, and the calibration re-verified.

10.4.8 Lower Limit of Quantitation Check (LLQC)

The lower limit of quantitation check (LLQC) sample should be analyzed after establishing the lower laboratory reporting limits, quarterly and on an as needed basis to demonstrate the desired detection capability. The difference between the LLQC and the LLICV/CCV is that this standard is carried through the entire preparation and analytical procedure.

Acceptance Criteria: LLQC is verified when all analytes are detected within ± 30% of their true value with an RSD ≤ 20%.

Corrective Action: If the LLQC fails to meet acceptance limits, a single reanalysis may be attempted without modification to the instrument operating conditions. Otherwise, the analysis must be terminated, the problem corrected, the instrument recalibrated, and the calibration re-verified.

10.4.9 High-Level Calibration Check Standard

The method 6010C defines the linear working range used for daily analysis based on the LDR studies performed every six months, in which case this standard is not required. However, some programs require verification of the high end of the linear range at different frequencies. The DoD QSM requires that the linear range must be verified on a daily basis. For DoD QSM and Method 6010D samples, the spike level of the highest standard analyzed defines the linear range for that day.

Acceptance Criteria: The result for this standard must be within 10% of the expected value.

Corrective Action: If the High-Level Calibration Check standard fails to meet acceptance limits, a single reanalysis may be attempted without modification to the instrument operating conditions. Otherwise, the analyst must run a standard at a lower concentration until the criteria is met for this calibration or the sample results cannot exceed the level of the highest calibration standard.

10.4.10 Continuing Calibration Blank (CCB)

CCBs, prepared as in Section 7.4, are analyzed after each CCV.

Acceptance Criteria: Absolute values for the calibration blanks must be less than ½ the standard RL. Common lab

contaminants such as sodium must be less than the RL. Client specific requirements take precedence. Method 6010D sets the CCB upper limit at the RL.

Corrective Action: If the CCB is greater than these limits, a single reanalysis may be attempted without modification to the instrument operating conditions. Otherwise, instrument maintenance should be considered, the calibration re-verified, and all samples analyzed since the last successful CCB must be reanalyzed.

10.5 Sample Analysis

10.5.1 Replicate Readings

The laboratory averages the results from three exposures for Axial and Dual View ICP for each standard, field sample, and QC sample.

10.5.2 Rinse Time between Samples

Prior to calibration and between each sample/standard, the system is rinsed with the calibration blank solution. The minimum rinse time between analytical samples is 60 seconds unless, following the protocol outlined in 12.7, it can be demonstrated that a shorter rinse time may be used.

10.5.3 The following analytical sequence is used:

Instrument Calibration
High Standard Verification
ICV
LLICV (6010C only)
CCV
ICB
RL Verification Standard
LLQC (as needed)
ICSA
ICSAB
LRA
CCV
CCB
LLCCV (6010C only)
10 samples
CCV
CCB
LLCCV (6010C)
10 samples
CCV
CCB
LLCCV (6010C)
Repeat sequence with 10 samples between CCV/CCB pairs
CCV

CCB
LLCCV (6010C)

10.5.4 Full method-required QC must be available for each wavelength used in determining reported analyte results. Guidelines are provided in the appendices for minimizing contamination of samples and standards (Attachment 10) and troubleshooting (Attachment 9).

10.5.5 Dilutions for High Levels of Elements of Interest

Results must fall within the linear range. Dilute and reanalyze all samples for required analytes that exceed the linear range or use an alternate wavelength for which QC data are established. Dilutions must be prepared using the reagent blank solution to maintain the correct acid concentration.

10.5.6 6010D Mid-Run Recalibration

During the course of an analytical run, the instrument may be recalibrated to correct for instrument drift. A recalibration must then be followed immediately by a new analysis of a CCV and CCB before any further samples may be analyzed.

10.5.7 Dilutions for High Levels of Interfering Elements

Dilutions are also required for an element that is included in an IEC calculation if it exceeds the linear range. If a dilution is not performed, the IEC may be inaccurately applied. Therefore, even if an over-range analyte may not be required to be reported for a sample, if that analyte is an interferent for any requested analyte in that sample, the sample must be diluted until the interferent is at or below the working range. An NCM will be written in these instances.

10.6 Instrument Maintenance

See Section 20 in the QAM.

10.7 Troubleshooting

See Attachment 9.

11.0 Calculations / Data Reduction

11.1 Detailed calibration equations can be found in the corporate Policy CA-Q-P-003 *Calibration Curves & Selection of Calibration Points* and under the public folder, *Arizona Calibration Training*.

11.2 The procedure for performing the calculation of ferric iron is detailed in the Work Instruction WI-DV-0092, *Calculation Methods*.

11.3 ICV percent recoveries are calculated according to the following equation:

$$\%R = \left(\frac{\text{ICV Found Value}}{\text{ICV True Value}}\right) \times 100\%$$

11.4 CCV percent recoveries are calculated according to the following equation:

$$\%R = \left(\frac{\text{CCV Found Value}}{\text{CCV True Value}}\right) \times 100\%$$

11.5 Matrix Spike Recoveries are calculated according to the following equation:

$$\%R = \left(\frac{SSR - SR}{SA}\right) \times 100\%$$

Where:

SSR	=	Spike Sample Result
SR	=	Sample Result
SA	=	Spike Added

11.6 The relative percent difference (RPD) of a matrix spike/matrix spike duplicate pair is calculated according to the following equation:

$$RPD = \left[\frac{|MSD - MS|}{\left(\frac{MSD + MS}{2}\right)}\right] \times 100$$

Where:

MS	=	determined spiked sample concentration
MSD	=	determined matrix spike duplicate concentration

11.7 The final concentration for a digested aqueous sample is calculated as follows:

$$\text{Final Concentration (mg/L)} = \frac{C \times V1 \times D}{V2}$$

Where:

C	=	Concentration (mg/L) from instrument readout
D	=	Instrument dilution factor
$V1$	=	Final volume in liters after sample preparation
$V2$	=	Initial volume of sample digested in liters

11.8 The final concentration determined in digested solid samples when reported on a dry weight basis is calculated as follows:

$$\text{Final Concentration (mg/kg), dry weight} = \frac{C \times V \times D}{W \times S}$$

Where:

C	=	Concentration (mg/L) from instrument readout
D	=	Instrument dilution factor

V	=	Final volume in liters after sample preparation
W	=	Weight in kg of wet sample digested
S	=	Percent solids/100

NOTE: A Percent Solids determination must be performed on a separate aliquot when dry weight concentrations are to be reported. If the results are to be reported on wet weight basis the "S" factor should be omitted from the above equation.

11.9 The LCS percent recovery is calculated according to the following equation:

$$\%R = \left(\frac{\text{LCS Found Value}}{\text{LCS True Value}}\right) \times 100\%$$

11.10 The IEC's are calculated according to the following equation:

$$IEC = \left(\frac{\text{observed concentration}}{\text{observed concentration of the interfering element}}\right)$$

11.11 The dilution test percent difference for each component is calculated as follows:

$$\%Difference = \frac{|I - S|}{I} \times 100$$

Where:

I	=	Sample result (Instrument reading)
S	=	Dilution test result (Instrument reading × 5)

Appropriate factors must be applied to sample values if dilutions are performed.

11.12 Documentation and Record Management

11.12.1 All sample data is uploaded to TALS. All sample preparation and analytical batch information, including the batch number(s), list of samples, preparation analyst and date, instrument analyst and date, identification of reagents and standards used, and identification of all measuring equipment used (e.g., balances, thermometers, pipettes) is recorded in TALS.

11.12.2 Raw data is scanned or saved directly as a PDF and is attached to the analytical batch in TALS.

11.13 Reporting

11.13.1 Reporting units are project dependent; typically mg/L for water samples and mg/kg for solid samples.

11.13.2 If dilutions were required due to insufficient sample, interferences, or other problems, the reporting limit is multiplied by the dilution factor, and the data may require flagging.

11.13.3 Solid samples are reported on a dry-weight basis unless otherwise requested by the client. Reporting limits are adjusted for both sample size and percent solids.

11.13.4 All associated data are entered or uploaded into the LIMS as required.

NOTE: Unless special instructions indicate otherwise, samples less than the reporting limit are reported as ND.

11.13.5 The initial data review is performed by the analyst and a second-level review is performed by the area supervisor or designee. See SOP DV-QA-0020 *Data Review* for more detail on the review process. Any manually transcribed data must be reviewed in its entirety by the second level data reviewer.

12.0 Method Performance

12.1 Method Detection Limit Study (MDL)

The method detection limit (MDL) is the lowest concentration that can be detected for a given analytical method and sample matrix with 99% confidence that the analyte is present. MDLs reflect a calculated (statistical) value determined under ideal laboratory conditions in a clean matrix, and may not be achievable in all environmental matrices. An initial method detection limit study is performed in accordance with SOP CA-Q-S-006 *Detection and Quantitation Limits*. The laboratory maintains MDL studies for analyses performed; these are verified at least annually unless method or program requirements require a greater frequency. For DoD and DOE projects, an MDL verification is performed quarterly. DoD QSM requires the MDLV spike level to be 2 - 4 times the calculated MDL.

12.2 Limit of Quantitation Verification (LOQV)

The verification of the limit of quantitation (LOQ or LLOQ) is performed quarterly for work performed according to the DOD/DOE QSM. A blank matrix is spiked at the laboratory RL and carried through the entire preparation and analytical procedures. Recoveries are assessed based on historical limits.

12.3 Instrument Detection Limit Study

12.3.1 Instrument detection limit (IDL) studies are conducted annually for each instrument and each wavelength used for analysis.

12.3.2 See Policy DV-QA-014P *Determination of Instrument Detection Limits* for a discussion of IDL studies and evaluation of IDL results.

12.4 Linear Dynamic Range (LDR)

12.4.1 The LDR must be determined initially (i.e., at initial setup) and then annually for each analyte wavelength used on each instrument. The linear range is the concentration above which results cannot be reported without dilution of the sample.

12.4.2 The LDR must be determined from a linear calibration prepared in the normal manner using the normal operating procedures described in Sections 10 and 11.

12.4.3 The LDR is determined by analyzing successively higher standard concentrations of the analyte. A minimum of three standards is required for the initial and on-going studies, and one of the levels must be close to the upper end of the range. The highest concentration must be within 10% of the stated concentration.

12.4.4 The highest standard that meets this criterion defines the maximum concentration that can be reported for sample analysis without dilutions. Certain programs do not allow the use of LDRs for reporting purposes and instead require all sample results to fall below the highest daily standard analyzed.

12.4.5 If the instrument is adjusted in any way that may affect the LDRs, new dynamic ranges must be determined. The LDR data must be documented and kept on file.

12.5 Background Correction Points

12.5.1 To determine the appropriate location for off-line background correction when establishing methods, the user must scan the area on either side adjacent to the wavelength of interest and record the apparent emission intensity from all other method analytes. The location selected for background correction must be either free of off-line interelement spectral interference or a computer routine must be used for automatic correction on all determinations.

12.5.2 Tests to determine spectral interference must be done using analyte concentrations that will adequately describe the interference. Background correction points must be set prior to determining IECs. Refer to the ICP instrument manual for specific procedures to be used in setting background correction points.

12.6 Interelement Corrections (IECs)

12.6.1 ICP interelement correction (IEC) factors must be determined prior to the analysis of samples and annually thereafter. If the instrument is adjusted in any way that may affect the IECs, the IECs must be re-determined.

12.6.2 When initially determining IECs for an instrument, wavelength scans must be performed to ensure that solutions in use are free from contaminants. If an IEC varies significantly from the previously determined IEC, then the possibility of contamination should be investigated. The purity of the IEC check solution can be verified by using a standard from a second source or an alternate method (i.e., GFAA or ICP-MS). Published wavelength tables (e.g., MIT tables, Inductively Coupled Plasma-Atomic Spectroscopy: Prominent Lines) can also be consulted to evaluate the validity of the IECs.

12.6.3 Refer to the facility-specific instrument operation SOP and instrument manufacturer's recommendations for specific procedures to be used in setting IECs. An IEC must be established to compensate for any interelement interference which produces a false analytical result with an absolute value greater than the RLs shown in Attachment 1. Note that the USACE program requires a control limit of 2x |MDL|, which is feasible when verified MDLs are used.

12.6.4 To determine IECs, run a single element standard at the established linear range. To calculate an IEC, divide the observed concentration of the analyte by the observed concentration of the "interfering element." Method 6010D requires that the IEC standards include Al, B, Ba, Ca, Cu, Fe, Mg, Mn, Mo, Na, Ni, Se, Si, Sn, V, and Zn.

12.6.5 Dual-View ICP IECs are more sensitive to small changes in the plasma and instrument setup conditions. Adjustments in the IECs will be required on a more frequent basis for the CID detector instruments as reflected by the ICSA response.

12.7 Rinse Time Determination

12.7.1 To determine the appropriate rinse time for a particular ICP system, a standard containing the highest concentration level that would be reported for samples is aspirated as a regular sample followed by the analysis of a series of rinse blanks. The length of time required to reduce the analyte signals to < RL will define the rinse time for a particular ICP system.

12.7.2 For some analytes it may be impractical to set the rinse time based on the linear range standard result (i.e., analyte not typically detected in environmental samples at that level and an excessive rinse time would be required at the linear range level).

12.7.3 Rinse time studies can be conducted at additional concentration levels. These additional studies must be documented and kept on file if a concentration other than the linear range level is used to set the rinse time. The concentration levels used to establish the rinse time must be taken into consideration when reviewing the data.

12.7.4 The ICP instruments use an intelligent rinse program. The intelligent rinse lengthens the rinse time whenever a sample result for a known problem analyte is above a set concentration.

12.8 Demonstration of Capabilities

12.8.1 All personnel are required to perform an initial demonstration of proficiency (IDOC) on the instrument they will be using for analysis prior to testing samples. On-going proficiency must be demonstrated annually.

12.8.2 IDOCs and on-going proficiency demonstrations are conducted as follows: Four aliquots of the QC check sample are analyzed using the same procedures used to analyze samples, including sample preparation. The concentration of the QC check sample is typically the LCS spike level. The

results of the IDOC study are summarized in the NELAC format, as described in SOP DV-QA-0024 *Training*. IDOCs are approved by the Quality Assurance Manager and the Technical Director. IDOC records are maintained by the QA staff in the central training files.

12.8.3 If any analyte does not meet the acceptance criteria, the test must be repeated. Only those analytes that did not meet criteria in the first test need to be evaluated. Repeated failure for any analyte indicates the need for the laboratory to evaluate the analytical procedure and take corrective action.

12.9 Training Requirements

The Group Leader is responsible for ensuring that this procedure is performed by an associate who has been properly trained in its use and has the required experience. A new analyst must be working under documented supervision prior to approval of the IDOC. Documentation that a new analyst is performing under supervision must be entered into the batch record (View Batch Information) until that analyst's IDOC has been approved by the QA Manager (or designee). See requirements for demonstration of analyst proficiency in SOP DV-QA-0024 *Training*.

13.0 Pollution Control

13.1 It is Eurofins Denver's policy to evaluate each method and look for opportunities to minimize waste generated (i.e., examine recycling options, order chemicals based on quantity needed, and prepare reagents based on anticipated usage and reagent stability).

13.2 Standards and reagents should be prepared in volumes consistent with laboratory use to minimize the volume of expired standards and reagents requiring disposal.

14.0 Waste Management

14.1 All waste will be disposed of in accordance with federal, state, and local regulations. Where reasonably feasible, technological changes have been implemented to minimize the potential for pollution of the environment. Employees will abide by this procedure, the policies in Section 13, *Waste Management and Pollution Prevention*, of the Corporate Safety Manual, and DV-HS-001P *Waste Management Plan*.

14.2 The following waste streams are produced when this method is carried out:

14.2.1 Acid solutions from ICP drain - Waste Stream J

14.2.2 Metals waste potentially contaminated with Cat 1 radioactive materials – Waste Stream RJ

Note: Radioactive, mixed waste and potentially radioactive waste must be segregated from non-radioactive waste as appropriate. Contact the Radioactive Waste Coordinator for proper management of radioactive or potentially radioactive waste generated by this procedure.

15.0 References / Cross-References

15.1 Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (SW-846), Third Edition and all promulgated updates, EPA Office of Solid Waste, through January 2008.

15.1.1 Method 6010B, Revision 2, December 1996.

15.1.2 Method 6010C, Revision 3, Update IV, February 2007.

15.1.3 Method 6010D, Revision 4, Update V, July 2014.

15.2 Department of Defense Department of Energy Consolidated Quality Systems Manual for Environmental Laboratories Version 5.4, 2021.

15.3 "Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma-Atomic Emission Spectrometry," US EPA / EMSL, Method 200.7, Revision 4.4, May 1994.

Method Modifications:

Item	Method	Modification
1	EPA 6010C	This procedure uses mixed calibration standard solutions purchased from approved vendors instead of using individual mixes prepared in house as recommended by the subject methods.
2	EPA 6010C	The alternate run sequence presented in Section 10.5.3 is consistent with method requirements. Additional QC (i.e., ICSA) analyses were added to accommodate the CLP protocol requirements.
3	EPA 6010C	Method 6010 states that if the correction routine is operating properly, the determined apparent analyte(s) concentration from analysis of each interference solution should fall within a specific "concentration range around the calibration blank." Because of the lack of definition for "concentration range around the calibration blank," the laboratory has adopted the procedure in EPA CLP ILMO4.0 for determining IECs,
4	EPA 6010C	Section 9.9 of Method 6010C states: "If less than acceptable accuracy and precision data are generated, additional quality control tests are recommended prior to reporting concentration data for the elements in this method." The dilution test helps determine if a chemical or physical interference exists. Because the laboratory sometimes does not have prior knowledge if the MS/MSD will be within criteria, the analyst may select to perform a dilution test on one sample in each preparation batch. According to the method, the post digestion spike (PDS) determines any potential matrix interferences. In this procedure, matrix interference is determined by evaluating data for the LCS, MS/MSD, and serial dilutions. The laboratory must request documented, clear guidance when an unusual matrix will be received for a project and a request to perform the dilution test or PDS on a client-identified sample.
5	EPA 200.7	This procedure uses mixed calibration standard solutions purchased from approved vendors instead of using individual mixes prepared in house as recommended by the subject methods.
6	EPA 200.7	The alternate run sequence presented in Section 10.5.3 is consistent with method requirements. Additional QC (i.e., ICSA) analyses were added to accommodate the CLP protocol requirements.

Item	Method	Modification
7	EPA 200.7	Method 200.7 states that if the correction routine is operating properly, the determined apparent analyte(s) concentration from analysis of each interference solution should fall within a specific "concentration range around the calibration blank." Because of the lack of definition for "concentration range around the calibration blank," the laboratory has adopted the procedure in EPA CLP ILMO4.0 for determining IECs,
8	EPA 200.7	Section 9.5 of Method 200.7 recommends that whenever a new or unusual matrix is encountered, a series of tests be performed prior to reporting concentration data for that analyte. The dilution test helps determine if a chemical or physical interference exists. Because the laboratory sometimes does not receive prior information from clients regarding new or unusual matrices, the analyst may select to perform a dilution test on one sample in each preparation batch. According to the method, the post digestion spike (PDS) determines any potential matrix interferences. In this procedure, matrix interference is determined by evaluating data for the LCS, MS/MSD, and serial dilutions. The laboratory must request documented, clear guidance when a new or unusual matrix will be received for a project and a request to perform the dilution test or PDS on a client-identified sample.
9	EPA 200.7	Method 200.7 defines the IDL as the concentration equivalent to a signal, due to the analyte, which is equal to three times the standard deviation of a series of ten replicate measurements of the calibration blank signal at the same wavelength. To meet DOE requirements, this procedure applies the CLP IDL definition.
10	EPA 200.7	The calibration blank is prepared in an acid matrix to approximate the variety of digestions which result from the various EPA preparation protocols employed as opposed to the specified 2% HNO_3 / 10% HCl matrix as the former matrix provides for improved performance.
11	EPA 200.7	Section 7.12 of Method 200.7 recommends that the QCS (ICV) be prepared at a concentration near 1.0 ppm. The ICV specified in this SOP is at the 0.25-ppm level for the majority of analytes. For the remaining analytes, this SOP specifies ICV concentrations that are appropriate to the range of calibration. The intent of the ICV, verification of calibration standard accuracy, is independent of the ICV concentration used.
12	EPA 200.7	The ICS criteria applied by this SOP differ from those stated in the method. Method 200.7 section 10.4 states that results should fall within the established control limits of 3 times the standard deviation of the calibration blank for that analyte. The control limits listed in this SOP are those applicable to the EPA designed solution.
13	EPA 200.7	Method 200.7 section 9.3.4 states the CCB should be less than the IDL, but greater than the lower 3-sigma control limit of the calibration blank. The intent of this requirement is to ensure that the calibration is not drifting at the low end. Eurofins Denver has adopted an absolute control limit of ±1/2 RL from zero for calibration blank criteria. SOP Sections 10.4.5 and 10.4.8 provide the detailed corrective action criteria that must be followed.
14	EPA 200.7	Method 200.7 Section 9.3.1 states that when the laboratory reagent blank (LRB) is greater than 2.2 times the MDL, the samples must be reprepared. Eurofins Denver uses ½ the RL as the standard limit for the method blank as per corporate policy.
15	EPA 6010/B	This procedure uses mixed calibration standard solutions purchased from approved vendors instead of using individual standards prepared in house as recommended by the subject methods.
16	EPA 6010/B	The alternate run sequence presented in Section 10.5.3 is consistent with method requirements. Additional QC (i.e., ICSA) analyses were added to accommodate the CLP protocol requirements.

Item	Method	Modification
17	EPA 6010/B	Method 6010 states that if the correction routine is operating properly, the determined apparent analyte(s) concentration from analysis of each interference solution should fall within a specific "concentration range around the calibration blank." Because of the lack of definition for "concentration range around the calibration blank," the laboratory has adopted the procedure in EPA CLP ILMO4.0 for determining IECs.
18	EPA 6010/B	Section 8.5 of Method 6010B recommends that whenever a new or unusual matrix is encountered, a series of tests be performed prior to reporting concentration data for that analyte. The dilution test helps determine if a chemical or physical interference exists. Because the laboratory sometimes does not receive prior information from clients regarding new or unusual matrices, the analyst may select to perform a dilution test on one sample in each preparation batch. According to the method, the post digestion spike (PDS) determines any potential matrix interferences. In this procedure, matrix interference is determined by evaluating data for the LCS, MS/MSD, and serial dilutions. The laboratory must request documented, clear guidance when a new or unusual matrix will be received for a project and a request to perform the dilution test or PDS on a client-identified sample.
19	EPA 6010/B	Chapter 1 of SW-846 states that the method blank should not contain any analyte of interest at or above the MDL. This SOP states that the method blank must not contain any analyte of interest at or above one-half the reporting limit.
20	EPA 6010/B	Method 6010B section 8.6.1.3 states that the results of the calibration blank are to agree within 3 times the IDL. If not, repeat the analysis two or more times and average the results. If the average is not within three standard deviations of the background mean, terminate the analysis, correct the problem, recalibrate, and reanalyze the previous 10 samples. The intent of this requirement is to ensure that the calibration is not drifting at the low end. TA has adopted an absolute control limit of ± ½ RL from zero for calibration blank criteria. See SOP Section 10.4.8 for a detailed description of the required corrective action procedures.
21	EPA 6010/B	Method 6010B section 8.5.1 states that the dilution test is performed if the analyte concentration is minimally a factor of 10 times the IDL (after dilution). This SOP uses 10 x LOQ. (See Section 9.6)

16.0 Attachments

Attachment 1 Metals Analyzed by ICP and Reporting Limits
Attachment 2 Matrix Spike and Aqueous Laboratory Control Sample Levels
Attachment 3 Low Level ICV and CCV Spiking Levels
Attachment 4 Interference Check Sample Concentrations
Attachment 5 TCLP Reporting Limits, Regulatory Limits and Matrix Spike Levels
Attachment 6 6500 Initial Calibration &Continuing Calibration Verification Standards
Attachment 7 Summary of Quality Control Requirements
Attachment 8 MSA Guidance
Attachment 9 Troubleshooting Guide
Attachment 10 Contamination Controls

17.0 Revision History

This section has been added beginning with Revision 0. Only details of the last two revisions are incorporated into this SOP. Prior revisions are documented in the QA files and available upon request.

Revision 13, dated 10 January 2024

- Removed method exception for 200.7 for ICV replicates
- Updated section 10.4.3 to indicate 4 injections of the ICP are required
- Updated section 6.3 with new text for Master List of Documents.

Revision 12, dated 11 December 2023

- Added method exception for 200.7 for ICV replicates
- RSD was changed from ≤5% to ≤3% in Section 10.4.3, 10.4.4 & Attachment 7

Attachment 1

Metals Analyzed by ICP and Reporting Limits

Element	Symbol	CAS #	Reporting Limit (µg/L) Water	Reporting Limit (mg/kg) Soil
Aluminum	Al	7429-90-5	100	50
Antimony[trace]	Sb	7440-36-0	20	2
Arsenic[trace]	As	7440-38-2	15	2.5
Barium	Ba	7440-39-3	10	2
Beryllium	Be	7440-41-7	1	0.5
Boron	B	7440-42-8	100	10
Cadmium[trace]	Cd	7440-43-9	5	0.5
Calcium	Ca	7440-70-2	200	100
Chromium	Cr	7440-47-3	10	3.5
Cobalt	Co	7440-48-4	10	1
Copper	Cu	7440-50-8	15	5
Iron	Fe	7439-89-6	100	80
Lead[trace]	Pb	7439-92-1	9	0.9
Lithium	Li	7439-93-2	20	5
Magnesium	Mg	7439-95-4	200	30
Manganese	Mn	7439-96-5	10	4.5
Molybdenum	Mo	7439-98-7	20	2.5
Nickel	Ni	7440-02-0	40	4
Phosphorus	P	7723-14-0	3,000	50
Potassium	K	7440-09-7	3,000	300
Selenium[trace]	Se	7782-49-2	20	3
Silicon	Si	7631-86-9	500	50
Silver[trace]	Ag	7440-22-4	10	1.5
Sodium	Na	7440-23-5	1,000	500
Strontium	Sr	7440-24-6	10	1
Sulfur	S	7704-34-9	100	15
Thallium[trace]	Tl	7440-28-0	15	3
Tin	Sn	7440-31-5	100	10
Titanium	Ti	7440-32-6	10	1
Vanadium	V	7440-62-2	10	2
Zinc	Zn	7440-66-6	20	8
Zirconium	Zr	7440-67-7	15	-

Attachment 2

Matrix Spike and Aqueous Laboratory Control Sample Levels

ELEMENT	LCS Level (µg/L)	Matrix Spike Level (µg/L)
Aluminum	10,000	10,000
Antimony	1,000	1,000
Arsenic	1,000	1,000
Barium	1,000	1,000
Beryllium	1,000	1,000
Boron	1,000	1,000
Cadmium	1,000	1,000
Calcium	50,000	50,000
Chromium	1,000	1,000
Cobalt	1,000	1,000
Copper	1,000	1,000
Iron	10,000	10,000
Lead	1,000	1,000
Lithium	1,000	1,000
Magnesium	50,000	50,000
Manganese	1,000	1,000
Molybdenum	1,000	1,000
Nickel	1,000	1,000
Phosphorous	20,000	20,000
Potassium	50,000	50,000
Selenium	1,000	1,000
Silicon	5,000	5,000
Silver	50	50
Sodium	50,000	50,000
Strontium	1,000	1,000
Sulfur	20,000	20,000
Thallium	1,000	1,000
Tin	2,000	2,000
Titanium	1,000	1,000
Vanadium	1,000	1,000
Zinc	1,000	1,000
Zirconium	1,000	1,000

Attachment 3

Low Level ICV/CCV

Element	Level (µg/L)
Aluminum	100
Antimony	20
Arsenic	15
Barium	10
Beryllium	1
Boron	100
Cadmium	5
Calcium	200
Chromium	10
Cobalt	10
Copper	15
Iron	100
Lead	9
Lithium	20
Magnesium	200
Manganese	10
Molybdenum	20
Nickel	40
Phosphorous	3,000
Potassium	3,000
Selenium	20
Silicon	500
Si (as SiO_2)	1,070
Silver	10
Sodium	1,000
Strontium	10
Thallium	12
Thorium	15
Tin	100
Titanium	10
Uranium	60
Vanadium	10
Zinc	20
Zirconium	10

Attachment 4

Interference Check Sample Concentrations

Element	ICSA (µg/L)	ICSAB (µg/L)
Aluminum	500,000	500,000
Antimony	-	1,000
Arsenic	-	1,000
Barium	-	1,000
Beryllium	-	500
Boron	-	10,000
Cadmium	-	1,000
Calcium	500,000	500,000
Chromium	-	1,000
Cobalt	-	1,000
Copper	-	1,000
Iron	200,000	200,000
Lead	-	1,000
Lithium	-	1,000
Magnesium	500,000	500,000
Manganese	-	1,000
Molybdenum	-	1,000
Nickel	-	1,000
Phosphorous	-	2,000
Potassium	-	10,000
Selenium	-	1,000
Silicon	-	10,000
Silica	-	21,400
Silver	-	1,000
Sodium	-	10,000
Strontium	-	1,000
Sulfur	-	10,000
Thallium	-	1,000
Titanium	-	1,000
Vanadium	-	1,000

Attachment 4

Interference Check Sample Concentrations (cont'd)

Element	ICSA (µg/L)	ICSAB (µg/L)
Tin	-	1,000
Thorium	-	2,000
Uranium	2,000	2,000
Zinc	-	1,000
Zirconium	-	1,000

Attachment 5

TCLP Reporting Limits, Regulatory Limits and Matrix Spike Levels

Element	Reporting Level (µg/L)	Regulatory Limit (µg/L)	Typical Spike Level (µg/L)
Arsenic	500	5,000	5,000
Barium	10,000	100,000	12,000
Cadmium	100	1,000	2,000
Chromium	500	5,000	6,000
Lead	500	5,000	6,000
Selenium	250	1,000	3,000
Silver	500	5,000	1,050
Copper	100	N/A	3,000
Zinc	200	N/A	500

Attachment 6

Dual View Calibration, ICV & CCV Standards

Element	Calibration Level	ICV (µg/L)	CCV (µg/L)
Aluminum Lo	1,000	250	500
Aluminum Hi	100,000	40,000	50,000
Antimony	1,000	250	500
Arsenic	1,000	250	500
Barium	1,000	250	500
Beryllium	1,000	250	500
Boron	1,000	250	500
Cadmium	1,000	250	500
Calcium	10,000	2,000	5,000
Chromium	1,000	250	500
Cobalt	1,000	250	500
Copper	1,000	250	500
Iron Lo	5,000	1,250	2,500
Iron Hi	100,000	80,000	50,000
Lead	1,000	250	500
Magnesium	40,000	10,000	20,000
Manganese	1,000	250	500
Molybdenum	1,000	250	500
Nickel	1,000	250	500
Phosphorous	10,000	4,000	5,000
Potassium	100,000	25,000	50,000
Selenium	1,000	250	500
Silicon	10,000	2,500	5,000
Si (as SiO2)	21,400	5,350	10,700
Silver	1,000	250	500
Sodium Lo	50,000	12,500	25,000
Sodium Hi	500,000	80,000	250,000
Strontium	1,000	250	500
Sulfur	10,000	4,000	5,000
Thallium	1,000	250	500
Thorium	10,000	3,000	5,000
Tin	1,000	500	500
Vanadium	1,000	250	500
Uranium	5,000	-	2,500
Zinc	1,000	250	500
Zirconium	1,000	250	500

Attachment 7
Summary of Quality Control Requirements

QC Parameter	Frequency	Acceptance Criteria	Corrective Action
Two-point Initial Calibration	Beginning of every analytical run, every 24 hours, whenever instrument is modified, or CCV criterion is not met	RSD between multiple exposures ≤ 3%	Terminate analysis; Correct the problem; Prepare new standards; Recalibrate following system performance.
ICV	Beginning of every analytical run.	90 - 110% recovery (95 - 105% 200.7)	Terminate analysis; Correct the problem; Recalibrate.
CCV	After the ICV, after every 10 samples and at the end of the run.	90 - 110% recovery	Terminate analysis; Correct the problem; Recalibrate and rerun all samples not bracketed by acceptable CCV.
RL Standard	At the beginning of the run	50 – 150% 80 – 120% QSM/6010D	Terminate analysis; Correct the problem; Recalibrate.
LLICV/CCV	At the beginning of the run and after every 10 samples	Recovery must be within 30% (6010C only)	Terminate analysis; Correct the problem; Recalibrate and rerun all samples not bracketed by acceptable LLCCV.
ICB	Beginning of every analytical run, immediately following the initial CCV.	The result must be within +/- ½ RL from zero.	Terminate analysis; Correct the problem; Recalibrate.
CCB	Immediately following each CCV (except for the CCV following the ICV).	The result must be within +/- ½ RL from zero.	Terminate analysis; Correct the problem; Recalibrate and rerun all samples not bracketed by acceptable CCB.
ICSA	Beginning of every run	See Section 9.10	See Section 9.10
ICSAB	Immediately following each ICSA.	Results must be within 80 - 120% recovery.	See Section 9.10
Dilution Test	One per prep batch.	For samples > 50x LOQ dilutions must agree within 10%.	Narrate the possibility of physical or chemical interference per client request.

See Section 10.5.3 for run sequence to be followed.

Attachment 7

Summary of Quality Control Requirements (Continued)

QC Parameter	Frequency	Acceptance Criteria	Corrective Action
Method Blank (MB)	One per sample preparation batch of up to 20 samples.	The result must be less than or equal to ½ the RL. Sample results greater than 10x the blank concentration are acceptable. Samples for which the contaminant is < ½ RL may not require redigestion or reanalysis (see Section 9.3)	Re-run once in a clean tube. If > ½ RL, re-digest and reanalyze samples. Note exceptions under criteria section. See Section 9.4 for additional requirements.
Laboratory Control Sample (LCS)	One per sample preparation batch of up to 20 samples.	LCS must be within 80 - 120% recovery (85 – 115% 200.7) or in-house control limits, or QSM-defined limits Samples for which the contaminant is < RL and the LCS results are > 120% may not require redigestion or reanalysis (see Section 9.4)	Terminate analysis; Correct the problem; Redigest and reanalyze all samples associated with the LCS.
Matrix Spike (MS)	One per sample preparation batch of up to 20 samples.	75 – 125% recovery (70 – 130% 200.7) or tighter in-house control limits, or QSM limits.	In the absence of client specific requirements, flag the data; no flag required if the sample level is > 4x the spike added.
Matrix Spike Duplicate (MSD)	One per sample preparation batch of up to 20 samples. 10% frequency for some programs (see 9.5)	75 – 125 % recovery (70 – 130% 200.7); RPD ≤ 20% or tighter in-house control limits, or QSM limits.	See Corrective Action for Matrix Spike.

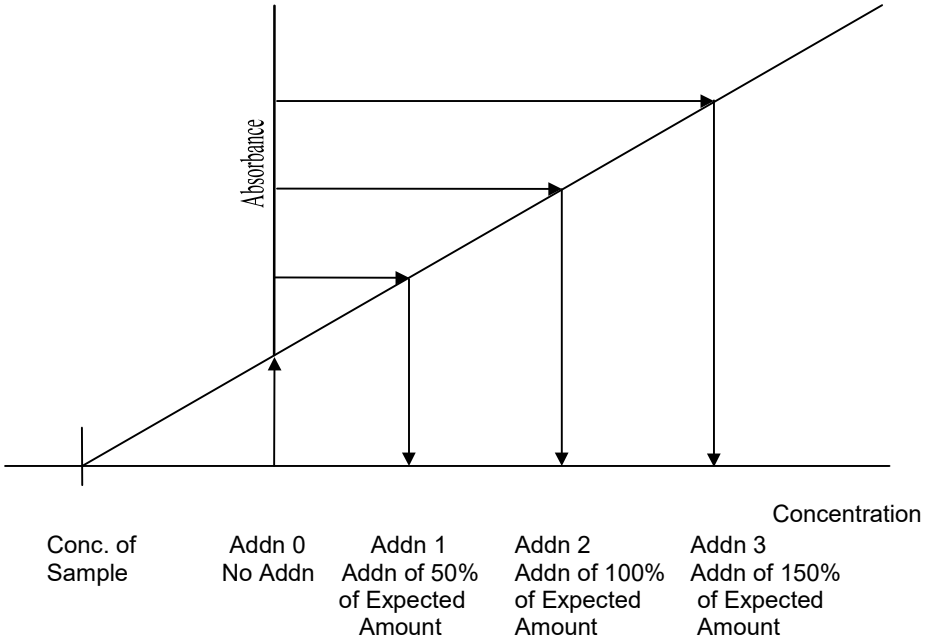
Attachment 8

MSA Guidance

Method of Standard Addition

Four equal volume aliquots of sample are measured and known amounts of standards are added to three aliquots. The fourth aliquot is the unknown and no standard is added to it. The concentration of standard added to the first aliquot should be 50% of the expected concentration. The concentration of standard added to the second aliquot should be 100% of the expected concentration and the concentration of standard added to the third aliquot should be 150% of the expected concentration. The volume of the unspiked and spiked standard should be the same.

In order to determine the concentration of analyte in the sample, the analytical value of each solution is determined and a plot or linear regression performed. On the vertical axis the analytical value is plotted versus the concentrations of the standards on the horizontal axis. An example plot is shown in Figure 1. When the resulting line is extrapolated back to zero absorbance, the absolute value of the point of interception of the horizontal axis is the concentration of the unknown.



For the method of standard additions to be correctly applied, the following limitations must be taken into consideration:

- The plot of the sample and standards must be linear (r=0.995 or greater) over the concentration range of concern. For best results, the slope of the curve should be similar to that of a plot of the aqueous standard curve.
- The effect of the interference should not vary as the ratio of the standard added to the sample matrix changes.

Attachment 9

Troubleshooting Guide

Problem	Possible Cause/ Solution
High Blanks	Increase rinse time Clean or replace tip Clean or replace torch Clean or replace sample tubing Clean or replace nebulizer
Instrument Drift	RF not cooling properly Vacuum level is too low Replace torch (Crack) Clean or replace nebulizer (blockage) Check room temperature (changing) Replace pump tubing Room humidity too high Clean torch tip (salt buildup) Check for argon leaks Adjust sample carrier gas Replace RF generator
Erratic Readings, Flickering Torch or High RSD	Check for argon leaks Adjust sample carrier gas Replace tubing (clogged) Check drainage(back pressure changing) Increase uptake time (too short) Increase flush time (too short) Clean nebulizer, torch or spray chamber Increase sample volume introduced Check that autosampler tubes are full Sample or dilution of sample not mixed Increase integration time (too short) Realign torch Reduce amount of tubing connectors
Standards reading twice normal absorbance or concentration	Incorrect standard used Incorrect dilution performed

Attachment 10

Contamination Control Guidelines

The following procedures are strongly recommended to prevent contamination:

All work areas used to prepare standards and spikes should be cleaned before and after each use.

All glassware should be washed with detergent and tap water and rinsed with 1:1 nitric acid followed by deionized water.

Proper laboratory housekeeping is essential in the reduction of contamination in the metals laboratory. All work areas must be kept scrupulously clean.

Powdered gloves should not be used in the metals laboratory because the powder contains silica and zinc as well as other metallic analytes.

Glassware should be periodically checked for cracks and etches and discarded if found. Etched glassware can cause cross contamination of any metallic analytes.

The following are helpful hints in the identification of the source of contaminants:

Yellow pipette tips and volumetric caps can sometimes contain cadmium.

Some sample cups have been found to contain lead.

The markings on glass beakers have been found to contain lead. If acid baths are in use for glassware cleaning, they should be periodically checked for contaminants since contaminant concentrations will increase over time.

New glassware especially beakers can be a source of silica and boron.

Reagents or standards can contain contaminants or be contaminated with the improper use of a pipette.

Improper cleaning of glassware can cause contamination.

Latex gloves contain over 500 ppb of zinc.

Title: Inductively Coupled Plasma Mass Spectrometry for Trace Element Analysis by SW-846 Method 6020/A/B and EPA 200.8

Electronic Copy Only

Approvals (Signature/Date):

Rachel Speights 2/23/2023 Rachel Speights Date Department Manager	Reed Pottruff 2/22/2023 Reed Pottruff Date Health & Safety Manager / Coordinator
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1.0 Scope and Application

1.1 This procedure describes multi-elemental analysis by inductively coupled plasma-mass spectrometry (ICP-MS) based on EPA Method 6020, 6020A, 6020B, and 200.8.

1.2 The laboratory has implemented analysis by these methods for: Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, Tl, Th, U, V, and Zn. Additional elements may be included provided that the method performance criteria presented in Sections 9 and 12 are met. Project approval may be required from the controlling agencies for compliance testing beyond the elements included in the promulgated methods and for those elements which may require state-specific accreditation.

1.3 The procedure is applicable to the analysis of acid digested waters, sediments, sludges, and soils. Standard reporting limits are listed in Attachment 1 for water and soil. The preliminary acid digestion for aqueous samples is described in SOP DV-IP-0014 Acid Digestion of Aqueous Samples for Metals Analysis and the digestion procedure for solids is given in SOP DV-IP-0010 *Acid Digestion of Solids for Metals Analysis*.

2.0 Summary of Method

2.1 Aqueous digestates are nebulized into a spray chamber where a stream of argon carries the sample aerosol through the quartz torch and injects it into a radiofrequency (RF) plasma. There the sample is decomposed and desolvated.

2.2 The ions produced are entrained in the plasma gas and by means of a water-cooled, differentially pumped interface, introduced into a high-vacuum chamber that houses a quadrapole mass spectrometer capable of providing a mass resolution better than or equal to 0.9 amu (see Section 3) peak width at 10% of the peak height. The ions are sorted according to their mass-to-charge ratio and measured with a channel electron multiplier.

2.3 A collision/reaction cell utilizing He and (optionally) H_2 gases is used to remove molecular interferences. As the ion beam passes through the cell chamber, a diffuse cloud of He or H_2 gas is injected into its path. Collisions between the ions and the atoms in the gas deflect and remove interferences. See Section 4.2.3 for more information.

2.4 Interferences must be assessed, and valid corrections applied, or the data must be flagged to indicate problems. Interference corrections must include compensation for background ions contributed by the plasma gas, reagents, and the constituents of the sample matrix. Recommended elemental equations, which correct for many of these interferences, are listed in Attachment 2. Interference equations may vary or be unnecessary depending on the instrument setup and choice of collision/reaction gas.

2.5 Use of the internal standard technique is required to compensate for suppressions and enhancements caused by sample matrices. Internal standard assignments are listed in Attachment 4.

3.0 Definitions

3.1 **Atomic Mass Unit (amu) –** Obsolete term replaced by "unified atomic mass unit (u)" or "dalton (Da)", which denotes a small unit of mass that is used to express atomic and molecular masses. It is defined to be 1/12 of the mass of one atom of carbon-12.

3.2 **Batch –** The batch is a set of up to 20 samples of the same or similar matrix, plus required QC samples, processed using the same procedures and reagents within the same time period. Batches are defined at the sample preparation stage. See Policy DV-QA-003P *Quality Control Program* for further details.

3.3 **Dissolved Metals -** Those elements which pass through a 0.45-µm membrane filter (sample is acidified after filtration).

3.4 **Total Metals -** The concentration determined on an unfiltered sample following vigorous acid digestion.

3.5 **Total Recoverable Metals -** The concentration determined on an unfiltered sample following treatment with hot, dilute mineral acids.

3.6 **Instrument Detection Limit (IDL) -** See Section 12.3.

3.7 **Sensitivity -** The slope of the analytical curve (i.e., the functional relationship between raw instrument signal and the concentration).

3.8 **Tuning Solution -** This is a multi-element solution containing analytes which are representative of the entire mass range capable of being scanned by the instrument. It is used to optimize the sensitivity of the instrument and to verify the mass resolution meets method criteria.

3.9 **Initial Calibration Verification / Quality Control Standard (ICV) -** A multi-element standard of known concentrations prepared to verify instrument calibration. This solution must be an independent standard prepared near the mid-point of the calibration curve, and at a concentration other than that used for instrument calibration.

3.10 **Continuing Calibration Verification (CCV) -** A multi-element standard of known concentrations prepared to monitor and verify the instrument daily continuing performance.

3.11 **Interference Check Standard (ICS) -** A solution containing both interfering and analyte elements of known concentration that is used to correction factors.

3.12 **Laboratory Control Sample / Laboratory Fortified Blank (LCS/LFB) -** A multi-element standard of known concentrations that is carried through the entire

sample preparation and analysis procedure. This solution is used to verify the accuracy of the sample preparation.

3.13 **Reagent Blank -** High purity (> 18 megohm-cm) water containing the same acid matrix as the calibration standards that is carried through the entire digestion process.

3.14 **Calibration Blank -** High purity (> 18 megohm- cm) water acidified with the same acid concentrations present in the standards and samples. Also referred to as the Initial Calibration Blank (ICB) and Continuing Calibration Blank (CCB).

3.15 **Method Detection Limit (MDL) -** The minimum concentration of a substance (an analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix containing the analyte.

3.16 **Low Level ICV (LLICV) / Continuing Calibration Verification (LLCCV) -** A multi-element standard of known concentrations prepared to monitor and verify the instrument performance at the reporting limit (RL).

3.17 Refer to the Glossary of the Eurofins Denver Quality Assurance Manual (QAM) and Policy DV-QA-003P *Quality Control Program* for definitions of general analytical and QA/QC terms.

4.0 Interferences

4.1 Elemental Isobaric Interferences

Elemental isobaric interferences in the ICPMS are caused by isotopes of different elements forming ions with the same nominal mass-to-charge ratio (m/z). Most interferences of this type are corrected for by the instrument software and by the careful selection of isotopes for analysis.

4.2 Isobaric Molecular Interferences

4.2.1 Polyatomic interferences are derived from the plasma gas, reagents or sample matrix. Isobaric molecular interferences are caused by ions consisting of more than one atom or charge. These molecular interferences are minimized by use of the collision cell utilizing He and/or H_2 gases. (See Attachment 2) When these interferences cannot be avoided by the use of another isotope with sufficient natural abundance, corrections must be applied and the data flagged to indicate the presence of interferences.

4.2.2 Chloride in samples can produce low recoveries for antimony and silver. If chloride interference is a concern, 1% HCl can be added during digestion, but calibration standards must be adjusted to include HCl also. The use of hydrochloric and sulfuric acids should be minimized due to higher incidence of molecular-ion interferences with the presence of these acids.

4.2.3 Collision cell interference removal works both by causing the interfering molecular ion to dissociate and by reducing the kinetic energy of the ion. The latter is termed Kinetic Energy Discrimination (KED), and is the primary mechanism for interference removal. Polyatomic ions are larger than elemental ions and so collide with the helium atoms in the collision cell more frequently than the smaller elemental ions. Each collision reduces the energy of the ion, so the molecular ions lose energy more quickly. At the end of the collision cell a positive voltage plate prevents passage of the now low energy molecular ions. Thus, the interference is eliminated because the molecular ions do not reach the detector.

4.3 Doubly Charged Ion Interferences

Doubly charged elemental ion interferences are possible in cases where the second ionization potential of the element is significantly below the first ionization potential for argon (15.7 eV). If a doubly charged ion is formed, it will cause a response at half of its elemental mass, potentially causing interference. Most elements have high enough second ionization potentials that formation of doubly charged ions is not an issue. The percentage of doubly charged ions being formed in the plasma is monitored daily during the instrument tuning process.

4.4 Physical Interferences

4.4.1 Physical interferences are associated with the transport and nebulization process. Internal standards are used to compensate for these types of interferences.

4.4.2 Internal standards should be added at a level to give approximately 100,000 – 20,000,000 counts of raw signal intensity. The mass of the internal standard should ideally be within 50 amu of the mass of the measured analyte.

4.4.3 Matrix effects are monitored by comparing the internal standard intensity in the sample to the internal standard intensity of the calibration blank. Each method/revision specifies criteria for internal standard recovery. If they fall outside the applicable window, a five-fold dilution (1+4) is performed on the sample to correct for matrix effects and the sample is reanalyzed for affected analytes.

4.4.4 Memory effects or carry-over can occur when there are large relative concentration differences between samples and/or standards which are analyzed sequentially. The rinse period between samples must be long enough to eliminate significant memory interference.

5.0 Safety

5.1 Employees must abide by the policies and procedures in the Corporate Environmental Health and Safety Manual, Radiation Safety Manual and this document.

5.2 This procedure may involve hazardous material, operations and equipment. This SOP does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of the method to follow appropriate safety, waste disposal and health practices under the assumption that all samples and reagents are potentially hazardous. Safety glasses, gloves, lab coats and closed-toe, nonabsorbent shoes are a minimum.

5.3 Specific Safety Concerns or Requirements

5.3.1 Eye protection that satisfies ANSI Z87.1, laboratory coat, and nitrile or latex gloves must be worn while handling samples, standards, solvents, and reagents. Disposable gloves that have been contaminated must be removed and discarded; non-disposable gloves must be cleaned immediately.

5.3.2 The ICP-MS plasma emits strong UV light and is harmful to vision. All analysts must avoid looking directly at the plasma. The RF Generator produces strong radio frequency waves, most of which are unshielded. People with pacemakers should not go near the instrument while in operation.

5.4 Primary Materials Used

The following is a list of the materials used in this method, which have a serious or significant hazard rating. **Note: This list does not include all materials used in the method. The table contains a summary of the primary hazards listed in the SDS for each of the materials listed in the table.** A complete list of materials used in the method can be found in the reagents and materials section. Employees must review the information in the SDS for each material before using it for the first time or when there are major changes to the SDS.

6.0 Equipment and Supplies

6.1 Instrumentation

6.1.1 Inductively Coupled Plasma-Mass Spectrometer (ICP-MS) capable of providing resolution less than or equal to 0.9 amu at 10% peak height and 1.0 amu at 5% peak height in the mass range from 6-253 with a data system that allows corrections for isobaric interferences and the application of the internal standard technique. The ICP-MS must be equipped with a collision cell for the removal of molecular interferences.

6.1.2 A four-channel peristaltic pump.

6.1.3 Autosampler with autosampler tubes.

6.1.4 Appropriate water-cooling device.

6.2 Supplies

6.2.1 Argon gas: High purity grade (99.99%).

6.2.2 Calibrated automatic pipettes or Class A glass volumetric pipettes.

6.2.3 Class A volumetric flasks and 100ml Graduated Cylinder

6.3 Computer Software and Hardware

Please refer to the master list of documents and software maintained by QA for the current software and hardware to be used for data processing.

Material[1]	Hazards	Exposure Limit[2]	Signs and symptoms of exposure
Hydrochloric Acid	Corrosive Poison	5 ppm-Ceiling	Inhalation of vapors can cause coughing, choking, inflammation of the nose, throat, and upper respiratory tract, and in severe cases, pulmonary edema, circulatory failure, and death. Can cause redness, pain, and severe skin burns. Vapors are irritating and may cause damage to the eyes. Contact may cause severe burns and permanent eye damage.
Nitric Acid	Corrosive Oxidizer Poison	2 ppm-TWA 4 ppm-STEL	Nitric acid is extremely hazardous; it is corrosive, reactive, an oxidizer, and a poison. Inhalation of vapors can cause breathing difficulties and lead to pneumonia and pulmonary edema, which may be fatal. Other symptoms may include coughing, choking, and irritation of the nose, throat, and respiratory tract. Can cause redness, pain, and severe skin burns. Concentrated solutions cause deep ulcers and stain skin a yellow or yellow-brown color. Vapors are irritating and may cause damage to the eyes. Contact may cause severe burns and permanent eye damage.

1 – Always add acid to water to prevent violent reactions.
2 – Exposure limit refers to the OSHA regulatory exposure limit.

7.0 Reagents and Standards

Reagent grade chemicals shall be used in all tests. Unless otherwise indicated, it is intended that all reagents shall conform to the specifications of the Committee on Analytical Reagents of the American Chemical Society, where such specifications are available. Other grades may be used, provided it is first ascertained that the reagent is of sufficiently high purity to permit its use without lessening the accuracy of the determination. All standards must be entered into the Eurofins Denver LIMS (TALS) Reagent Module. Reagents that are not used for calculating results may either be recorded in the Reagent Module or may be entered into batch worksheets.

7.1 Storage and Shelf-Life

7.1.1 All standards must be stored in FEP fluorocarbon or previously unused polyethylene or polypropylene bottles. Standards stored at concentrations as received from the vendor and mid-level dilutions must be replaced prior to the expiration date assigned by the vendor. If no expiration date is provided, the stocks and mid-level standards may be stored for up to one year. They must be replaced sooner if verification from an independent source indicates a problem.

7.1.2 Working standards, i.e., all standards at concentrations ready to analyze on the ICP-MS are typically prepared fresh daily. They may be stored for longer periods but should be verified against QC samples if used.

7.1.3 For more information on standard storage and shelf-life, see SOP DV-QA-0015 *Verification and Storage of Chemical Standards and Reagents*.

7.2 Standards

Standards and reagents are listed in this section. Standards are prepared by adding diluent of appropriate acid concentration (5%/5% or 2%/0.5% HNO3/HCl) to a clean volume-certified container (usually Class A volumetric flask), pipetting in stock standards to attain target concentrations, then diluting to volume with the diluent. The corresponding Attachments detail standard stock solutions and volumes used. All solutions are entered into the Reagent module in TALS. Alternate procedures are allowed as necessary to accommodate volume requirements and stock standard availability if an accurate description of the standard or reagent used is entered into the Reagent Module in TALS.

7.2.1 Tuning Solution

The parent tuning solution can be purchased as a custom multi-element mix or created as a stock standard from single-element solutions. The typical elements and concentrations of the constituents are shown in Attachment 5.

7.2.2 P/A factor solution

7.2.2.1 The Pulse/Analog (P/A) solution is used to monitor the correlation between the Pulse counting and Analog modes of the electron multiplier. The diluted solution must be prepared

at different concentrations depending on the current instrument conditions. Multiple dilutions may be required to cover the required intensity range for all elements.

7.2.2.2 The P/A solution may be commercially purchased as a custom multi-element mix. See Attachment 5 for a list of the constituents and concentrations.

7.2.2.3 Prepare and use the P/A solution as recommended by the instrument manufacturer. The P/A solution should be analyzed with routine automated tuning procedures.

7.2.3 Daily Working Calibration Standards (Standard, High Elements)

Stock calibration standards are purchased as custom multi-element mixes or as single element solutions. Each day of analysis, the standards are diluted to working levels using reagent blank (see Section 7.3). See Attachment 8 for standard volumes and concentrations.

7.2.4 Initial Calibration Verification (ICV) Standard

The ICV stock is from a source different from the source for the calibration standards. Each day of analysis, the ICV standards are prepared new in reagent blank. See Attachment 8 for standard volumes and concentrations.

7.2.5 Continuing Calibration Verification (CCV) Standard

The CCV is prepared from the same source as the calibration standards. The CCV standards are prepared fresh each day of analysis in reagent blank. See Attachment 8 for standard volumes and concentrations.

7.2.6 Reporting Limit (RL) Standards

The reporting limit standard is prepared fresh daily from the same stock as the calibration standards using reagent blank. The analyte concentrations must be less than or equal to their respective reporting limits. Multiple solutions may be required in order to satisfy all of the project and client specific reporting limits. Alternate reporting limit concentrations may be used as necessary to meet client requirements if an accurate description of the standard used is entered into the Reagents module in TALS. See Attachment 8 for standard volumes and concentrations.

7.2.7 Daily Linear Range Standard

The Linear Range standard is prepared from the same stock as the calibration standards using reagent blank. See Attachment 3 for standard volumes and concentrations.

7.2.8 Internal Standard (IS) Solution (77 I.S. / MS I.S. INT)

The internal standard solution is added continuously by peristaltic pump through a mixing tee. The solution is prepared as needed. The concentrations and components are specified in Attachment 2.

7.2.9 Interference Check Standard Solutions (ICSA / ICSAB)

The interference check standard solution (ICSA) and the spiked interference check standard solution (ICSAB) are prepared as needed. See Attachment 8 for standard volumes and concentrations.

7.2.10 Low Level Initial Calibration Verification and Low-Level Continuing Verifications (CRI, CCVL)

The low level ICV / low level CCV solution is prepared from the same source as the calibration standards. The low level standard is prepared fresh each day of analysis in reagent blank. See Attachment 8 for standard volumes and concentrations.

7.3 Reagents

7.3.1 Reagent Water – Water free of the elements of interest, generated using an ion-exchange water polishing system capable of achieving 18.0 megohm-cm.

7.3.2 Reagent Blank - 2% HNO3 / 0.5% HCl – Carefully dilute 40 mL of concentrated HNO3 and 10 mL of HCl in 2.0 L of reagent water. This solution is used to dilute samples and for calibration blanks.

7.3.3 Reagent Blank - 5% HNO3 / 5% HCl – Carefully dilute 100 ml of concentrated HNO_3 and 100 ml of HCL in 2.0 L of reagent water. This solution is used to dilute samples and for calibration blanks.

8.0 Sample Collection, Preservation, Shipment and Storage

Sample container, preservation techniques and holding times may vary and are dependent on sample matrix, method of choice, regulatory compliance, and/or specific contract or client requests. Listed below are the holding times and the references that include preservation requirements.

Matrix	Sample Container	Min. Sample Size	Preservation	Holding Time[1]	Reference
Water[2]	HDPE	50 mL	HNO_3, pH < 2	180 Days	SW-846
Soil	Glass	4 oz	Cool $\leq$ 6°C[3]	180 Days	SW-846

[1]Samples must be analyzed as soon as possible after collection. The times listed are the maximum times that samples may be held before analysis and still considered valid. Holding Times are calculated from the date the sample was collected.

[2]Water samples collected for dissolved elements are filtered immediately on-site by the sampler before adding preservative.

[3]Although ICP analysis of soil does not require refrigeration of the samples, mercury analysis does require refrigeration per SW-846. Samples which will be used to aliquot for both analyses must be refrigerated. Therefore the laboratory routinely refrigerates samples to be analyzed by 6020 methods.

9.0 Quality Control

9.1 The minimum quality controls (QC), acceptance criteria, and corrective actions are described in this section. When processing samples in the laboratory, use the TALS Method Comments to determine specific QC requirements that apply. Quality control requirements are summarized in Attachment 9.

9.1.1 The laboratory's standard QC requirements, the process of establishing control limits, and the use of control charts are described more completely in Eurofins Denver Policy DV-QA-003P *Quality Control Program*.

9.1.2 Specific QC requirements for QSM and Federal programs, e.g., Department of Defense (DoD), Department of Energy (DOE), etc., are described in Eurofins Denver Policy DV-QA-024P QA/QC *Requirements for Federal Programs*. This procedure meets all criteria for QSM unless otherwise stated.

9.1.3 Project-specific requirements can override the requirements presented in this section when there is a written agreement between the laboratory and the client, and the source of those requirements should be described in the project documents. Project-specific requirements are communicated to the analyst via Method Comments in TALS and the Quality Assurance Summaries (QAS) in the public folders.

9.1.4 Any QC result that fails to meet control criteria must be documented in a Non-Conformance Memo (NCM). The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. This is in addition to the corrective actions described in the following sections.

9.2 Method Blank (MB)

For aqueous and soil samples, the method blank consists of reagent water that has been processed in the same manner as the samples. For soil samples analyzed under DoD QAPPs, the method blank consists of <1 mm glass beads that have been processed in the same manner as the samples. One method blank must be processed with each preparation batch.

Acceptance Criteria: Method blank results are acceptable if the concentration for each analyte of interest is less than ½ the reporting

limit (RL). In the absence of project specific reporting limits, if the blank is less than 10% of the lower limit of quantitation check sample concentration, less than 10% of the regulatory limit, or less than 10% of the lowest sample concentration for each analyte in a given preparation batch, whichever is greater, then the method blank is considered acceptable.

Corrective Action: If the method blank does not meet the acceptance criteria, the source of contamination should be investigated to determine if the problem can be minimized or eliminated. Samples associated with the contaminated blank shall be reprocessed for analysis or, under the following circumstances, may be reported as qualified (qualifier flags or narrative comments):

- The same analyte was not detected in the associated samples;
- The method blank concentration is less than 1/10 of the measured concentration of any sample in the batch;
- The method blank concentration is less than 1/10 the specified regulatory limit; or
- The analyte is a common laboratory contaminant (e.g., copper, zinc, iron, or lead) less than 2 times the RL. Note that some programs do not recognize common lab contaminants or have a more stringent criterion (e.g., DoD QSM allows common laboratory contaminants up to the RL).

If the above criteria are not met and reanalysis is not possible, then the sample data must be qualified. This anomaly must be addressed in the project narrative and the client must be notified.

9.3 Laboratory Control Sample (LCS)

The LCS consists of reagent water that is spiked with the analytes of interest at the project specific action level or, when lacking specific action levels, at approximately the mid-point of the calibration range (summarized in Attachment 8). For soil samples analyzed under DoD QAPPs, the LCS consists of <1 mm glass beads that have been spiked with the analytes of interest and processed in the same manner as the samples. One LCS must be processed for each preparation batch.

Acceptance Criteria: LCS control limits are based on three standard deviations of past laboratory results or program specific requirements. These limits must not exceed 80-120%. The control limits are maintained in TALS. For DoD QSM the laboratory must use QSM Limits for batch control if project limits are not specified.

Corrective Action: If the LCS recovery falls outside of the control limits for any analyte, that analyte is judged to be out of control. All associated samples must be reanalyzed One possible exception is a recovery for a given element above the upper control limit with no detection for the same element in the samples. If project requirements allow this exception, the data may be accepted with qualifiers, an NCM must be generated, and the failure narrated in the final report.

9.4 Matrix Spike / Matrix Spike Duplicate (MS / MSD)

The MS is prepared by taking a second aliquot of a selected sample and spiking it with the analytes of interest at the same level as the LCS (summarized in Attachment 8). An MSD is prepared by taking a third aliquot of the selected sample and spiking it with the analytes of interest at the same level as the LCS (summarized in Attachment 10). The MS and MSD are processed in the same manner as the samples. One MS/MSD pair must be processed for each preparation batch (or one pair for every 10 samples for 200.8). Some programs (e.g., DoD) require that matrix spikes can be performed only on project samples, and that the samples to be used are identified on the chain of custody form. The spike concentration should be the same level as the LCS.

Acceptance Criteria: Control limits are based on historical data or project specific requirements. Historical control limits are based on three standard deviations of past laboratory results. These limits are not to exceed 75-125% recovery, and 20% relative percent difference (RPD). The control limits are maintained in TALS. For DoD QSM the laboratory must use QSM limits for batch control if project limits are not specified.

Corrective Actions: The information obtained from MS data are sample/matrix specific and are not normally used to determine the validity of the entire batch. If the MS and/or MSD recovery falls outside of the established control limits, the bracketing CCV and batch LCS recoveries must be within control limits in order to accept results for the associated samples. The following corrective actions are required for MS/MSD recovery failures to rule out lab error:

- Check calculation and instrument performance;
- Verify, if possible, that the MS and MSD were spiked correctly (e.g., very low or very high recoveries);
- Consider objective evidence of matrix interference (e.g., heterogeneous sample, interfering peaks seen on chromatograms, or interference demonstrated by prior analyses);

- Flag the data for any results outside of acceptance limits.
- For any single RPD failure, check calculations; verify, if possible, that the MS and MSD were spiked correctly; check instrument performance; consider objective evidence of matrix interference or sample inhomogeneity; and flag the data.
- If both the parent sample and associated matrix spike results are over range the parent and the spikes shall be diluted by the same amount and the results from the reanalysis reported for both. If the analyte concentration in the parent sample is greater than four times the concentration of spike added, then spike recovery results are not compared to control limits, and the recovery is either reported as "NC" (not calculated) or with a qualifier flag to indicate that the spike was less than four times the analyte concentration in the sample. If the dilution will cause the spike to be less than two times the reporting limit, the MS/MSD do not need to be diluted and the recovery reported as "NC" (not calculated).
- For MS/MSD that serve as batch QC, if the parent sample result is within the calibration range and the MS/MSD results are above the calibration range, the results are reported with the MS/MSD result being flagged as an over-range measurement (e.g., the E-flag qualifier).
- If the MS/MSD are client requested, the parent sample result is within calibration range and the MS/MSD results are above the calibration range, the sample and spike should be diluted, keeping in mind that we need to assess whether the dilution will best serve the client's needs. Consult with the PM as needed. Both the parent sample and MS/MSD samples must have the same dilution factor. Some EDDs do not accept data that are at different dilution factors.
- If the native analyte concentration in the MS/MSD sample exceeds 4 times the spike level for that analyte, the recovery data are reported as NC (i.e., not calculated) and the appropriate qualifier flags are added.

NOTE: See Denver Policy Memorandum P16-001 and Corporate Policy Memorandum CA-Q-QM-013 for more detail.

NOTE: Some client programs require reanalysis to confirm matrix interferences. Check special project requirements for this corrective action.

NOTE: This method does not require a sample duplicate. Precision is measured using the MS/MSD. Use of the MS/MSD is preferred as not all samples will contain measurable concentrations of the target analytes. Samples that have target analytes at low concentrations or non-detectable levels do not provide useful precision data. When an MS/MSD is not available, an LCS and LCSD will be used to measure precision.

9.5 Interference Check Solutions (ICSA/ICSAB)

The interference check solution is prepared with known concentrations of interfering elements so a determination may be made as to the magnitude of the interference on analytes of interest as well as a test of any software corrections. The required elements and their concentrations are listed in Attachment 3. The interference check solutions must be analyzed at the beginning of every analytical run and once every 12 hours thereafter. The results of solution "A" and solution "AB" should be monitored for possible interferences.

Acceptance Criteria: The non-spiked analytes in the A solution must be less than 2x the RL. The results for the trace elements (B portion) must be ± 20% of the expected value. In addition, the internal standard recoveries for both the ICSA and AB must be within 70-150% for Method 6020A, 30-150% for Method 6020B and 30-120% for 6020 or QSM. Some programs have control limits for the non-spiked elements in the ICSA. Please check the client specific requirements. For DoD QSM the ICSA for non-spiked elements is controlled to less than one half the reporting limit unless they are a verified impurity.

Corrective Action: If the ICSAB results exceed the 20% limit or the ICSA is out for DoD QSM, then the analysis sequence must be terminated. For DoD QSM if the ICSA is outside of the control limits for the non-spiked elements the sequence must also be terminated. The problem must be investigated and fixed. The ICSA and all affected samples must be re-analyzed.

NOTE: It may not be possible to obtain absolutely clean ICSA/ICSAB standards. If contamination can be confirmed by another method (e.g., ICPAES), acceptance criteria will be applied at that level and the data accepted.

9.6 Internal Standards Evaluation for Samples

The internal standard (IS) recovery in samples must be between 70-150% of the intensity of the calibration blank for 6020A, 30-150% for 6020B, or 60-125% for 200.8. If sample IS recoveries fall outside of these criteria, a five-fold (1:4) dilution

must be performed, the dilution analyzed, and the same acceptance criteria applied. For 6020 or QSM the internal standard for samples is controlled to 30-120%.

9.7 Serial Dilution

One serial five-fold dilution should be analyzed per preparation batch. If the analyte concentration is within the linear range of the instrument and sufficiently high (minimally, a factor of 50 times above the MDL), the serial dilution must agree to within 10% of the original analysis. If not, an interference effect is suspected, which must be described in an NCM and included in the final report narrative. Samples identified as blanks should not be used for serial dilution. For DoD QSM the serial dilution is evaluated if the parent sample concentration is greater than 50x the LOQ prior to dilution. If the acceptance criteria are not met, then the parent sample is flagged "J". Method 6020B sets the calculation level at 25x RL and the required limit at 20%. This is not required for Method 200.8.

9.8 Post-Digestion Spike Addition (PDS)

A PDS is performed for each batch. An analytical spike added to a portion of a prepared sample, or its dilution, should be recovered to within 80 - 120% of the known value. If the PDS fails to meet this criterion, matrix interference should be suspected. Typically the concentration of the PDS is 200 µg/L for each element except silver which is spiked at 50 µg/L. For QSM, if the parent sample concentration is less than 50x the LOQ prior to dilution then the PDS must recover within 80-120%. If the recovery is outside of the control limits for a given element then the parent sample is flagged "J". Method 6020B allows limits of ± 25%. This is not required for Method 200.8.

9.9 Linear Range Verification (LRA/LRC)

The LDRs should be verified whenever, in the judgment of the analyst, a change in the analytical performance caused by either a change in instrument hardware or operating conditions would dictate the necessity to re-establish them. 6020B and QSM require verification of linear ranges in each analytical run. As described in Section 7.2.7, a lower concentration is used for the daily check than is used for the quarterly determination.

Acceptance Criteria: The result for this standard must be within 10% of the expected value.

Corrective Action: If the Linear Range Verification standard fails to meet acceptance limits, a single reanalysis may be attempted without modification to the instrument operating conditions. Otherwise, the analyst must run a standard at a lower concentration until the criteria is met or the samples cannot exceed the level of the highest calibration standard.

10.0 Procedure

10.1 One-time procedural variations are allowed only if deemed necessary in the professional judgment of supervision to accommodate variation in sample matrix, radioactivity, chemistry, sample size, or other parameters. Any variation in procedure shall be completely documented using an NCM. The NCM is approved by the supervisor and then automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. The NCM shall be filed in the project file and addressed in the case narrative.

10.2 Any unauthorized deviations from this procedure identified after the work has been completed must also be documented in an NCM, with a cause and corrective action described.

10.3 Instrument Maintenance

Analytical Instrument and Equipment Maintenance, Testing, and Inspection Table

Instrument/ Equipment	Maintenance Activity	Testing Activity	Inspection Activity	Frequency	Acceptance Criteria	Corrective Action	Responsible Person
ICPMS	Change pump tubing, clean torch, check/clean nebulizer	None	Preventative Maintenance	Weekly	None	None	Eurofins Denver Analyst
ICPMS	Clean sample and skimmer cones, clean/flush nebulizer	Tuning Check	Instrument tuning performance check	Daily	SOP Section 10.6	Check pump tubing, clean lenses as needed.	Eurofins Denver Analyst
ICPMS	Replace pump tubing	Tuning Check	Instrument performance and sensitivity	Weekly or as needed	SOP Section 10.6	Check valves, clean lenses as needed.	Eurofins Denver Analyst
ICPMS	Clean lens, torch, injector	Tuning Check	Instrument performance and sensitivity	Monthly or as needed	SOP Section 10.6	Check valves, clean lenses as needed.	Eurofins Denver Analyst
ICPMS	Check and clean air filters, verify coolant level	None	Preventative Maintenance	Monthly	None	None	Eurofins Denver Analyst
ICPMS	Change vacuum pump oil	Verify Vacuum Pressure	Preventative Maintenance	Semi-annually or as needed	<100 Pa	None	Eurofins Denver Analyst
ICPMS	Full sample introduction system check / clean / replace components -	None	Instrument performance and sensitivity	As needed	SOP Section 10.6	Clean / replace components	Eurofins Denver Analyst

	autosampler, pumps, valves, tubing, spray chamber, injector, torch, cones, lens						
ICPMS	Manufacturer Preventive Maintenance	None	Preventative Maintenance	Bi-annually or Annually, per service agreement	None	None	Manufacturer

10.4 Instrument Troubleshooting

See Attachment 9

10.5 Sample Preparation

Solid and aqueous samples are digested prior to analysis by the appropriate method (see SOPs DV-IP-0014 *Acid Digestion of Aqueous Samples for Analysis by ICP-MS* and DV-IP-0015 *Acid Digestion of Solids*).

10.6 Calibration

10.6.1 Instrument Start Up

Set up the instrument according to manufacturer's operating instructions. Allow the instrument to become thermally stable for at least 20 minutes before tuning. It is recommended that the instrument be flushed with the ICSA solution to help condition the cones and improve stability. Allow the instrument time to rinse completely before tuning the instrument.

10.6.2 Oxide\Doubly Charge Performance Check

With the sample probe in the Tune solution verify that the oxides and doubly charged ions are less the 3% by running the Tune report.

10.6.3 Instrument Tuning / Mass Calibration

Tune the instrument with a solution containing elements representing the mass regions of interest. The relative standard deviations must be less than 5% after running the tuning solution a minimum of 5 times. Mass calibration and resolution checks using the tuning solution must be completed at the beginning of every analytical day. If either of the following conditions fails, the instrument setup must be re-evaluated, and the solution rerun.

Mass Calibration Check – The mass calibration results must be within 0.1 amu from the true value. If this criterion

is not met, the mass calibration must be adjusted before running samples.

Mass Resolution Check - The resolution at 5% peak height should be approximately 0.75amu, not to exceed 0.9amu.

NOTE: Method 6020B states to use the manufacturer's instructions for the tune. Since the laboratory may perform analysis for other method revisions on the same instrument, the same requirements are applied to both.

10.6.4 Initial Calibration

The ICP-MS is calibrated each day of operation using a blank and a single standard (see Section 7.2.3). At least three integrations are employed. The validity of the calibration is determined by the subsequent calibration verifications, which are performed at concentrations as described in the next sections.

10.6.5 Mid-Level Second-Source Initial Calibration Verification (ICV)

A 40 µg/L ICV standard (see Section 7.2.4) is analyzed immediately after the initial calibration. This is a standard obtained from a different vendor than the standard used for calibration.

Acceptance Criteria: The ICV recovery must be within 90-110%. The ICV can be reanalyzed, but two consecutive successful results must be obtained or corrective action is taken.

Corrective Action: If the ICV results are outside of the acceptance limits, investigate the accuracy of the standards, correct as necessary, and recalibrate.

10.6.6 Calibration Blank

An initial calibration blank (ICB) is analyzed after the ICV. Continuing calibration blanks (CCBs) are analyzed after each continuing calibration verification. The appropriate reagent blank is used for the blanks.

Acceptance Criteria: Absolute values for the calibration blanks must be less than ½ the standard RL. Common lab contaminants such as zinc and iron must be less than the RL. Client specific requirements take precedence.

Corrective Action: If the calibration blank exceeds acceptance limits, then the possibility of instrument contamination should be examined, particularly the possibility of carry-over from high level

samples. The blank can be reanalyzed, and if successful, analysis can continue. However, samples tested after high-level samples should be retested. If the reanalysis is not successful, then the analysis should be terminated. After the problem is corrected, recalibrate and reanalyze all samples tested since the last acceptable CCB. Sample results containing analytes of interest greater than 10x the level of the CCB may be qualified and accepted.

10.6.7 Reporting Limit (RL/CRI) Verification Standard

Because the ICP-MS calibration does not include multiple calibration levels, an independent standard is analyzed after the ICV to monitor the lab's ability to produce reliable results at RL-level concentrations. The RL verification standard (see Section 7.2.6) is analyzed after the daily ICB.

Acceptance Criteria: For Method 6020A or 200.8, the results should be within 50% of the expected value. Some programs may require tighter controls. For Method 6020B and DoD QSM the control limits are 80-120%.

Corrective Action: If the RL verification fails to meet acceptance limits, data for the associated samples must be assessed. For example, if the results are high, consider blank contamination, and if the results are low, consider MDL verifications. At a minimum, sample results must be qualified in the final report. For DoD QSM, if the low-level standard does not meet the limits when spiked at the required project RL, the run sequence must be terminated.

10.6.8 Lower Limit of Quantitation Check (LLQC, LLOQ)

The lower limit of quantitation check (CRI, ICVL, or LLQC) sample should be analyzed after establishing the lower laboratory reporting limits, quarterly and on an as needed basis to demonstrate the desired detection capability. The difference between the LLQC and the RL is that this standard is carried through the entire preparation and analytical procedure.

Acceptance Criteria: LLQC is verified when all analytes are detected within ± 35% of their true value. The RSD should be ≤20%

Corrective Action: If the LLQC fails to meet acceptance limits, a single reanalysis may be attempted without

modification to the instrument operating conditions. Otherwise, the analysis must be terminated, the problem corrected, the instrument recalibrated, and the calibration re-verified.

10.6.9 6020A Only - Low-Continuing Calibration Verification (LLCCV/CCVL) Standard

A low-level CCV standard is analyzed after every set of ten samples and at the end of the analytical sequence.

Acceptance Criteria: The CCVL recovery must be within 70-130%. In addition, the IS recovery must be within method limits. If CCVL results are not within these limits, the CCVL can be reanalyzed, but it must be successful twice in succession. If the calibration cannot be verified within these specified limits, the analysis of samples containing the affected analytes at similar concentrations cannot continue until the cause is determined and the CCVL standard successfully analyzed.

For the state of Washington the CCVL must work on the first attempt.

Corrective Action: If the CCVL fails acceptance criteria, then the analysis should be terminated. Recalibrate and reanalyze all samples tested since the last acceptable CCVL. If the associated samples are at levels greater than 10X the level of the CCVL the data may be considered acceptable but the failure must be documented with an NCM and addressed in the case narrative.

For the state of Washington the previous 10 samples must be reanalyzed. A recalibration is not necessary if the two CCVL's following the failure are successful but the samples must still be rerun.

10.6.10 Continuing Calibration Verification (CCV) Standard

A CCV standard (see Section 7.2.5) is analyzed after every set of ten samples or every 2 hours, whichever is most frequent, and at the end of the analytical sequence.

Acceptance Criteria: The CCV recovery must be within 90-110%. If the CCV results are not within these limits, the CCV can be reanalyzed, but it must be successful twice in succession or further corrective action must be taken.

For the state of Washington the CCV must work on the first attempt

Corrective Action: If the CCV fails acceptance criteria, then the analysis should be terminated. Recalibrate and reanalyze all samples tested since the last acceptable CCV.

For the state of Washington the previous 10 samples must be reanalyzed. A recalibration is not necessary if the two CCV's following the failure are successful but the samples must still be rerun.

10.7 Sample Analysis

10.7.1 Report the average of at least three integrations for all field and QC samples analyzed.

10.7.2 Flush the system with the rinse blank for at least 20 seconds between samples and standards during the analytical run.

10.7.3 Dilute and reanalyze samples that are more concentrated than the linear range for an analyte. QSM requires that samples be diluted and reanalyzed if they are above the daily linear range check standard. No analyte should be reported from an analysis of a diluted sample in which the analyte concentration is less than 5 times the RL. (The sample should be diluted to the approximate midrange of the analytical curve.) See Section 9.9 for the linear range verification requirements.

10.7.4 During the course of an analytical run, the instrument may be re-sloped or recalibrated to correct for instrument drift. A recalibration must then be followed immediately by a new analysis of an ICV, CCV and CCB before any further samples may be analyzed.

10.7.5 The analytical run sequence should be performed as follows to meet all quality control criteria:

Instrument initialization / Warm-Up
Tune instrument
Perform mass calibration
Perform resolution check
Validate tuning criteria
Calibration blank
Calibration standards
ICV
ICB
RL verification standard
LLQC(as needed)
ICSA
ICSAB

LRA
CCV
CCB
LLCCV (6020A)
10 Samples (which can include all sample types)
CCV
CCB
LLCCV (6020BA)
Reslope
CCV
CCB
LLCCV

11.0 Calculations / Data Reduction

11.1 Detailed calibration equations can be found in the corporate Policy CA-Q-P-003, *Calibration Curves and the Selection of Calibration Points*, and under the public folder, *Arizona Calibration Training*.

11.2 ICV percent recoveries are calculated according to the equation:

$$\%R = \left(\frac{\text{ICV Found Value}}{\text{ICV True Value}}\right) \times 100\%$$

11.3 CCV percent recoveries are calculated according to the equation:

$$\%R = \left(\frac{\text{CCV Found Value}}{\text{CCV True Value}}\right) \times 100\%$$

11.4 Matrix Spike Recoveries are calculated according to the following equation:

$$\%R = \left(\frac{\text{SSR - SR}}{\text{SA}}\right) \times 100\%$$

Where:

SSR = Spike Sample Result
SR = Sample Result
SA = Spike Added

NOTE: When the sample concentration is less than the detection limit, use SR = 0 for the purpose of calculating %R.

11.5 The relative percent difference (RPD) between sample duplicates is calculated according to the following equation:

$$RPD = \left[\frac{DU1 - DU2}{\frac{1}{2}(DU1 + DU2)}\right] \times 100$$

Where:

$DU1$ = Sample result

$DU2$ = Sample duplicate result

11.6 The final concentration for an aqueous sample is calculated as follows:

$$\text{Result } (\mu\text{g/L}) = \frac{C \times V1 \times D}{V2}$$

Where:

C = Concentration from instrument readout, ppb

D = Instrument dilution factor

V1 = Final volume in liters after sample preparation

V2 = Initial volume of sample digested in liters

11.7 The concentration determined in digested solid samples when reported on a dry weight basis is as follows:

$$\text{Result } (\mu\text{g/kg}) = \frac{C \times V \times D}{W \times S}$$

Where:

C = Concentration from instrument readout, ppb

D = Instrument dilution factor

V = Final volume in liters after sample preparation

W = Weight, in g, of wet sample digested

S = Percent solids/100

11.8 Sample data are reviewed by the analyst (Level 1 data review) and documented on the data review checklist (See SOP DV-QA-0020 *Data Review*). The data package is then submitted for level 2 review by another analyst or data reviewer. Second level review is documented on the same checklist initiated by the analyst. The data review process is explained in SOP DV-QA-0020 *Data Review*.

12.0 Method Performance

12.1 Method Detection Limit Study (MDL)

The method detection limit (MDL) is the lowest concentration that can be detected for a given analytical method and sample matrix with 99% confidence that the analyte is present. MDLs reflect a calculated (statistical) value determined under ideal laboratory conditions in a clean matrix, and may not be achievable in all environmental matrices. An initial method detection limit study is performed in accordance with Policy CA-Q-S-006 *Detection and Quantitation Limits*. The laboratory maintains MDL studies for analyses performed; these are verified at least

annually unless method or program requirements require a greater frequency. For DoD, DOE and TX TRPP projects, an MDL verification is performed quarterly.

12.2 MDL Verification (MDLV)

Calculated MDLs from the annual studies are subject to quarterly verification by analyzing an MDLV standard. The guidelines below for initial MDLVs are superseded by any QA SOP specifying MDLV practices and requirements.

12.2.1 Prepare an MDLV standard at 2-4 times the calculated MDL concentration.

12.2.2 Analyze the MDLV standard immediately after each MDL study and quarterly thereafter. This standard is subject to the entire preparation and analysis process.

12.2.3 The calculated MDL is verified if the MDLV standard is detected, nominally signal to noise ratio > 3, under routine instrument conditions.

12.2.4 If the first MDLV is not detected, re-prepare the MDLV standard at twice the original concentration and analyze. The lowest concentration that produces a detectable signal will then be reported as the MDL.

12.3 Instrument Detection Limit Study

Instrument detection limit (IDL) studies are conducted annually for each instrument and each analyte used for analysis in accordance with Policy DV-QA-014P *Determination of Instrument Detection Limits*.

12.3.1 Run ten calibration blanks and calculate the standard deviation. The final IDL concentration is the average of the three daily standard deviation values. Reverification is required annually or after major maintenance, such as changing the detector.

12.3.2 See Policy DV-QA-014P *Determination of Instrument Detection Limits* for a discussion of IDL studies and evaluation of IDL results.

12.4 Linear Dynamic Range (LDR)

12.4.1 The LDR must be determined initially (i.e., at initial setup) and then every three months for each analyte used on each instrument. The linear range is the concentration above which results cannot be reported without dilution of the sample.

12.4.2 The LDR must be determined from a linear calibration prepared in the normal manner using the normal operating procedures described in Sections 10 and 11.

12.4.3 The LDR is determined by analyzing successively higher standard concentrations of the analytes of interest. A minimum of three standards are required for the initial and on-going studies, and one of the levels

must be at the upper end of the range. The calculated concentrations must be within 10% of the stated concentrations.

12.4.4 The highest standard that meets this criterion defines the maximum concentration that can be reported for sample analysis without dilutions.

12.4.5 If the instrument is adjusted in any way that may affect the LDRs, new dynamic ranges must be determined. The LDR data must be documented and kept on file.

12.5 Demonstration of Capabilities

All personnel are required to perform an initial demonstration of proficiency (IDOC) on the instrument they will be using for analysis prior to testing samples. On-going proficiency must be demonstrated annually. IDOCs and on-going proficiency demonstrations are conducted as follows.

12.5.1 Four aliquots of the QC check sample are analyzed using the same procedures used to analyze samples, including sample preparation. The concentration of the QC check sample should be equivalent to a mid- level calibration.

12.5.2 Calculate the average recovery and standard deviation of the recovery for each analyte of interest.

12.5.3 If any analyte does not meet the acceptance criteria, the test must be repeated. Only those analytes that did not meet criteria in the first test need to be evaluated. Repeated failure for any analyte indicates the need for the laboratory to evaluate the analytical procedure and take corrective action.

12.5.4 Until the IDOC is approved by the QA Manager (or designee); the trainer and trainee must be identified in the batch record.

12.5.5 Further details concerning demonstrations of proficiency are described in SOP DV-QA-0024 *Training*.

12.1 Training Requirements

The Group Leader is responsible for ensuring that this procedure is performed by an associate who has been properly trained in its use and has the required experience. A new analyst must be working under documented supervision prior to approval of the IDOC. Documentation that a new analyst is performing under supervision must be entered into the batch record (View Batch Information) until that analyst's IDOC has been approved by the QA Manager (or designee). See requirements for demonstration of analyst proficiency in SOP DV-QA-0024 *Training*.

13.0 <u>Pollution Control</u>

It is Eurofins Denver's policy to evaluate each method and look for opportunities to minimize waste generated (i.e., examine recycling options, order chemicals based on quantity needed, and prepare reagents based on anticipated usage and reagent stability).

14.0 Waste Management

14.1 All waste will be disposed of in accordance with Federal, State, and local regulations. Where reasonably feasible, technological changes have been implemented to minimize the potential for pollution of the environment. Employees will abide by this procedure, the policies in Section 13, *Waste Management and Pollution Prevention*, of the Corporate Environmental Health and Safety Manual, and DV-HS-001P *Waste Management Plan*.

14.2 The following waste streams are produce when this method is carried out:

14.2.1 **Aqueous Acidic (Metals) -** Corrosive - Waste Stream J

14.2.2 **Expired reagents and standards –** Contact the Waste Coordinator.

NOTE: Radioactive, mixed waste and potentially radioactive waste must be segregated from non-radioactive waste as appropriate. Contact the Radioactive Waste Coordinator for proper management of radioactive or potentially radioactive waste generated by this procedure.

15.0 References / Cross-References

15.1 SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, Third Edition and all promulgated updates, EPA Office of Solid Waste, January 2005.

15.1.1 Method 6020A: *Inductively Coupled Plasma - Mass Spectrometry*, Revision 1, February 2007.

15.1.2 Method 6020B: Inductively Coupled Plasma - Mass Spectrometry, Revision 2, July 2014.

15.1.3 Method 3005A, Acid Digestion of Waters for Total Recoverable or Dissolved Metals for Analysis by FLAA or ICP Spectroscopy, Revision 1, July 1992.

15.1.4 Method 3020A, Acid Digestion of Aqueous Samples and Extracts for Total Metals for Analysis by GFAA Spectroscopy, Revision 1, July 1992.

15.1.5 Method 3050B, Acid Digestion of Sediments, sludges and soils, Rev. 2, Dec. 1996.

15.2 Environmental Monitoring Systems Laboratory, EPA Method 200.8, Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma - Mass Spectrometry, Revision 5.4, EMMC Version.

15.3 U.S.EPA Statement of Work for Inorganics Analysis, ILMO3.0.

15.4 Department of Defense Quality Systems Manual for Environmental Laboratories, Version 5.4, 2021.

16.0 Method Modifications:

Item	Method	Modification
1	EPA 6020A, 200.8	Commercially available standards are purchased and verified at the laboratory rather than being prepared from the solid material. These verification records are kept on file with QA.
2	EPA 6020A, 200.8	Milli-Q or Nanopure water is substituted when reagent water is called for. This water is tested to be free of contaminants by conductivity (18megOhm) and by the analysis of blanks.
3	EPA 200.8	The results of the calibration blank as well as all other blanks must be less than the reporting limit, not 3 times the instrument IDL.
4	EPA 200.8	The standard concentration of all analytes in the LFB is 40 µg/L. This is made from a commercially available stock solution and has all analytes at the same level. Verification records for this solution are on file with QA.
5	EPA 200.8	Method 200.8 Section 9.3.1 states that when the laboratory reagent blank (LRB) is greater than 2.2 times the MDL, the samples must be reprepared. Eurofins Denver uses ½ the RL as the standard limit for the method blank as per corporate policy.
6	EPA 6020A	Corrective action for a PDS failure will be limited to flagging the PDS indicating the failed analyte and the recovery rather than diluting and reanalyzing the sample.
7	EPA 6020A, 200.8	Internal standard recoveries are based on the intensities of the internal standards in the most recent calibration blank rather than the intensities of the internal standards in the initial calibration standard.
8	EPA 6020A	Method 6020A states that the dilution test is applicable if the matrix sample is at least 50x the reporting limit. Eurofins Denver uses the tighter limit of 50x the MDL.
9	EPA 6020B	Method 6020B states to tune the instrument according to manufacturer's instructions. Eurofins Denver continues to use the tune requirements in Method 6020A to run samples by either method under the same tune.
10	EPA 6020B	Method 6020B does not include the analysis of the ICS-AB. Eurofins Denver continues to analyze this QC sample due to various program requirements.

Item	Method	Modification
11	EPA 6020A/B	The tuning criteria listed in method 200.8 for mass resolution is used to satisfy the requirements of method 6020A/B

17.0 Attachments

Attachment 1: Standard Reporting Limits for Water and Soil
Attachment 2: Internal Standards Gas Modes and Corresponding Metals
Attachment 3: Interference Check Sample Components and Concentrations
Attachment 4: Suggested Mass Choices
Attachment 5: Tuning Solution and P/A Solution
Attachment 6: Suggested Tuning and Response Factor Criteria
Attachment 7: Summary of Quality Control Requirements
Attachment 8: Calibration, Calibration Verification, and Spike Concentrations
Attachment 9: Troubleshooting

18.0 Revision History

This section has been added beginning with Revision 0. Only details of the last two revisions are incorporated into this SOP. Prior revisions are documented in the QA files and are available upon request.

Revision 16, Dated 27 February 2023

- Section 10.3 was edited to include maintenance table instead of a reference QSM.
- Updated copyright date.
- Minor formatting changes.

Revision 15, Dated 06 January 2023

- Minor updates to language surrounding QSM QA/QC requirements

Attachment 1

Standard Reporting Limits for Water and Soil

Element Name	Element Symbol	Water (ug/L)	Soil (ug/Kg)
Aluminum	Al	200	11000
Antimony	Sb	2.0	200
Arsenic	As	5.0	600
Barium	Ba	3.0	400
Beryllium	Be	1.0	100
Cadmium	Cd	1.0	100
Calcium	Ca	200	50000
Chromium	Cr	3.0	400
Cobalt	Co	1.0	100
Copper	Cu	2.0	600
Iron	Fe	200	15000
Lead	Pb	1.0	400
Magnesium	Mg	200	50000
Manganese	Mn	3.0	500
Molybdenum	Mo	2.0	200
Nickel	Ni	3.0	600
Potassium	K	1000	25000
Selenium	Se	5.0	500
Silver	Ag	1.0	100
Sodium	Na	1000	40000
Strontium	Sr	10	500
Thallium	Tl	1.0	100
Thorium	Th	5.0	200
Tin	Sn	10	2500
Uranium	U	1.0	100
Vanadium	V	5.0	500
Zinc	Zn	10	2000

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Attachment 2
Internal Standards, Gas Modes, and Corresponding Analytes

Instruments 077 and 079			
IS	**Mass**	**Gas Mode**	**Associated Analytes**
^{6}Li	6	H	Be
Sc	45	He	Al, Na, Mg, K, Ca, Fe
Ge	72	H	Se
Ge	72	He	V, Cr, Mn, Co, Ni, Cu, Zn, As, Sr
In	115	He	Mo, Ag, Cd, Sn, Sb, Ba
Ho	165	He	Tl, Pb, Th, U

Recommended Internal Standard Concentrations

Final Volume 250 mL in 1% HNO3			
IS	**Concentration (ug/L)**	**Spike Amount (mL)**	**Stock Solution**
^{6}Li	6000	1.5	1000 mg/L
Sc	3000	0.75	1000 mg/L
Ge	4800	1.2	1000 mg/L
In	1600	0.4	1000 mg/L
Ho	1600	0.4	1000 mg/L

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Attachment 3
Interference Check Sample Components and Concentrations

Interference Component	Solution A Concentration (mg/L)	Solution AB Concentration (mg/L)
Al	100.0	110.0
Ca	100.0	110.0
Fe	100.0	110.0
Mg	100.0	110.0
Na	100.0	110.0
P	100.0	100.0
K	100.0	110.0
S	100.0	100.0
C	200.0	200.0
Cl	1000.0	1000.0
Mo	2.0	2.1
Ti	2.0	2.1
As	0.0	0.1
Sb	0.0	0.1
Be	0.0	0.1
Ba	0.0	0.1
Cd	0.0	0.1
Cr	0.0	0.1
Co	0.0	0.1
Cu	0.0	0.1
Pb	0.0	0.1
Mn	0.0	0.1
Ni	0.0	0.1
Se	0.0	0.1
Sr	0.0	0.1
Tl	0.0	0.1
Th	0.0	0.1
Sn	0.0	0.1
Ag	0.0	0.1
U	0.0	0.1
V	0.0	0.1
Zn	0.0	0.1

Attachment 4
Suggested Mass Choices

Boldface masses indicate the masses which must have the most impact on data quality and the elemental equations used to collect the data. It is recommended that elements other than those of interest be monitored to indicate other potential molecular interferences which could affect the data quality.

Mass	Element of Interest
"**27**"	Aluminum
121, "**123**"	Antimony
"75"	Arsenic
138, "137", 136, **135**, 134, 132, 130	Barium
"9"	Beryllium
114, 112, "111", 110, 113, 116, 106	Cadmium
42, 43, **44**, 46, 48	Calcium
"**52**", **53**, **50**, 54	Chromium
"**59**"	Cobalt
"**63**", **65**	Copper
56, **54**, **57**, 58	Iron
"**208**", "**207**", "**206**", 204	Lead
"7"	Lithium
24, **25**, **26**	Magnesium
"**55**"	Manganese
58, "**60**", 62, **61**, 64	Nickel
93	Niobium
105	Palladium
195	Platinum
39	Potassium
80, **78**, "**82**", **76**, **77**, 74	Selenium
"**107**", **109**	Silver
23	Sodium
"88"	Strontium
"**205**", 203	Thallium
232	Thorium
192	Tungsten
"**51**", **50**	Vanadium
64, "**66**", **68**, **67**, 70	Zinc
139	Lanthanum
118	Tin
238	Uranium
35, 37	Chlorine
98, 96, 92, **97**, 94, "95"	Molybdenum
72	Germanium (IS)
165	Holmium (IS)
115	Indium (IS)
6	Lithium (6+) (IS)
45	Scandium (IS)

Attachment 5: Tuning Solution and P/A Solution

A tuning solution containing elements representing all of the mass regions of interest must be analyzed. Below is a suggested solution covering a typical mass calibration range. Solution is created in 1% HNO3. Instrument manufacturer recommendations should be followed for tuning solutions.

The P/A solution is used to monitor the correlation between the Pulse and Analog parts of the electron multiplier. This solution is prepared at different concentrations depending on the current instrument conditions. The parent standard concentration is shown below.

Element	Tuning Concentration (µg/L)	P/A Concentration (mg/L)
Al		5
As		20
Ba	10	5
Be	40	20
Bi		5
Cd		20
Ce	10	
Co	10	5
Cr		5
Cu		5
Ge		10
In	10	5
Ir		5
^{6}Li		5
Li	10	
Lu		5
Mg	20	10
Mn		5
Mo		10
Na		5
Ni		10
Pb	10	10
Pd		10
Rh	10	
Ru		10
Sb		10
Sc		5
Sn		10
Sr		5
Tb		2.5
Th		50
Ti		50
Tl	10	50
U	10	50
V		50
Y	10	2.5
Zn		20

Attachment 6:

Suggested Tuning and Response Factor Criteria

Minimum Response from Tuning Solution:

Be	>1,000
Mg	>2,000
Rh	>20,000
Pb	>10,000
Li	>2,000
Co	>20,000
In	>1,000
Tl	>1,000

Suggested Mass Calibration:

Be	9.0122
Mg	23.98
Rh	102.91
Pb	207.98
Li	7.016
Co	58.9332
In	114.904
Tl	204.9744

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Attachment 7:

Summary of Quality Control Requirements

QC Parameter	Frequency*	Acceptance Criteria	Corrective Action
LLOQ (6020B only)	With initial setup, Quarterly and on an as needed basis	65 - 135% recovery or in-house limits	Terminate analysis; correct the problem; recalibrate.
CRI/ICVL	Beginning of every analytical run.	70 - 130% recovery QSM 80 - 120% recovery 6020A IS, 70-150% rec.	Terminate analysis; correct the problem; recalibrate.
ICV	Beginning of every analytical run.	90 - 110% recovery	Terminate analysis; correct the problem; recalibrate.
ICB/CB	Immediately after each ICV	The result is < ½ RL or <1/10 amount in any sample	Terminate analysis; correct the problem; recalibrate.
LLCCV (6020A only)	Beginning and end of run and every 10 samples OR every 2 hours, whichever is more frequent.	70 - 130% recovery	See Section 10.6.10. Reanalyze twice in succession. If acceptable, continue. If unacceptable, terminate analysis; correct the problem recalibrate the instrument, reverify calibration and rerun all samples since the last acceptable CCV.
CCV	Beginning and end of run and every 10 samples OR every 2 hours, whichever is more frequent.	90 - 110% recovery	Reanalyze twice in succession. If acceptable, continue. If unacceptable, terminate analysis; correct the problem recalibrate the instrument, reverify calibration and rerun all samples since the last acceptable CCV.

Attachment 7: Summary of Quality Control Requirements (Continued)

QC Parameter	Frequency*	Acceptance Criteria	Corrective Action
CCB	Immediately following each CCV.	The result must be < ½ RL or <10% amount in any associated sample. .	Reanalyze once. If acceptable, continue. If unacceptable, terminate analysis; correct the problem recalibrate the instrument, reverify calibration and rerun all samples since the last acceptable CCB.
ICSA	Beginning and every 12 hours.	Monitor for possible interferences.	See Section 9.5
ICSAB	Immediately following each ICSA.	Monitor for possible interferences.	See Section 9.5
Method Blank	One per lot of 20 field samples or fewer.	The result must be < ½ RL. Sample results greater than 10x the blank concentration or samples for which the contaminant is < RL, do not require re-digestion or reanalysis.	Re-run once. If > ½ RL, redigest and reanalyze samples. Note exceptions under criteria section. See Section 9.2 for additional requirements.
Serial Dilution	One per batch of 20 field samples or fewer.	90 - 110% recovery	See Section 9.7 for additional requirements.
Post-Digestion Spike	One per batch of 20 field samples or fewer.	80-120% recovery	See Section 9.8.
Laboratory Control Sample	One per batch of 20 field samples or fewer.	Must be within laboratory control or QSM limits	See Section 9.3
Matrix Spike	One per lot of 20 (10 for 200.8) field samples or fewer.	Must be within laboratory control or QSM limits	See Section 9.6 for additional requirements.

Attachment 8
Calibration, Calibration Verification, and Spike Concentrations

Element	Initial Calibration 1 (µg/L)	Initial Calibration 2 (µg/L)	ICV (µg/L)	CCV (µg/L)	LCS/MS/MSD (µg/L)	Post Digestion Spike (ug/L)	CRI/CCVL (ug/L)
Aluminum	2000		800	1000	400	20000	200
Antimony	100		40	50	40	200	2
Arsenic	100		40	50	40	200	5
Barium	100		40	50	40	200	3
Beryllium	100		40	50	40	200	1
Cadmium	100		40	50	40	200	1
Calcium	2000	20000	4800	11000	10000	20000	200
Chromium	100		40	50	40	200	3
Cobalt	100		40	50	40	200	1
Copper	100		40	50	40	200	2
Iron	2000		800	1000	400	20000	200
Lead	100		40	50	40	200	1
Magnesium	2000	20000	4800	11000	10000	20000	200
Manganese	100		40	50	40	200	1
Molybdenum	100		40	50	40	200	2
Nickel	100		40	50	40	200	2
Potassium	2000	20000	4800	11000	10000	20000	1000
Selenium	100		40	50	40	200	5
Silver	100		80	50	40	50	1
Sodium	2000	20000	12800	11000	10000	20000	1000
Strontium	200		120	100	80	200	1
Thallium	100		40	50	40	200	1
Thorium	100		40	50	40	200	5
Tin	100		40	50	40	200	10
Uranium	100		40	50	40	200	1
Vanadium	100		40	50	40	200	5
Zinc	100		40	50	40	200	10

Additional elements may be included in the calibration solutions. Levels may be adjusted to meet specific regulatory or client programs.

The following instructions summarize the typical creation of standard solutions. Stock solutions are typically custom and may be varied based on manufacturer price and availability if performance and traceability requirements are met. Levels may be adjusted to meet specific regulatory or client programs.

Calibration 1			
Stock Solution	**Analytes**	**Spike Amount (mL)**	**Final Volume (mL)**
Cal Std 1	As, Ba, Be, Cd, Co, Cr, Cu, Li, Mn, Mo, Ni, Pb, Sb, Se, Si, Sn, Sr, Ti, Tl, V	0.25	250
Cal Std 2	Al, Ca, Fe, K, Mg, Na	0.25	
MS Cal Std 3	P, S, U, W	0.25	
Cal Std 5A	Ag, B, Li, P, Sr, Zn	0.25	
Cal Std 5B	Th	0.25	

Calibration 2			
Stock Solution	**Analytes**	**Spike Amount (mL)**	**Final Volume (mL)**
MS Cal 4	Ca, K, Mg, Na	10	100

ICV (stocks from different source from calibration)			
Stock Solution	**Analytes**	**Spike Amount (mL)**	**Final Volume (mL)**
Na 10000 SS	Na	0.1	250
ICV Mix 1a	As, Ba, Be, Cd, Co, Cr, Cu, Li, Mn, Ni, Pb, Se, Sr, Tl, V	0.1	
ICV Mix 1b	Mo, Sb, Si, Sn, Ti	0.1	
ICV Mix 2	Al, Ca, Fe, K, Mg, Na	0.1	
ICV Mix 3	P, S, U, W	0.1	
ICV Mix 5	Ag, B, Ca, K, Li, Mg, Na, P, Sr, Th, Zn	0.1	

CCV			
Stock Solution	**Analytes**	**Spike Amount (mL)**	**Final Volume (mL)**
Calibration 1	From Calibration 1 above	100	200
Calibration 2	From Calibration 2 above	100	

CRI/CCVL			
Stock Solution	**Analytes**	**Spike Amount (mL)**	**Final Volume (mL)**
MS LLCCV	Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Th, Ti, Tl, U, V, W, Zn	0.5	50

ICSA			
Stock Solution	**Analytes**	**Spike Amount (mL)**	**Final Volume (mL)**
MS ICSA Stock	Al, Ca, Cl, Fe, K, Mg, Mo, Na, P, S, Ti	10	100

ICSAB			
Stock Solution	**Analytes**	**Spike Amount (mL)**	**Final Volume (mL)**
MS ICSA Stock	Al, Ca, Cl, Fe, K, Mg, Mo, Na, P, S, Ti	10	100
ICV Mix 1a	As, Ba, Be, Cd, Co, Cr, Cu, Li, Mn, Ni, Pb, Se, Sr, Tl, V	0.1	
ICV Mix 1b	Mo, Sb, Si, Sn, Ti	0.1	
ICV Mix 2	Al, Ca, Fe, K, Mg, Na	0.1	
ICV Mix 3	P, S, U, W	0.1	
ICV Mix 5	Ag, B, Ca, K, Li, Mg, Na, P, Sr, Th, Zn	0.1	

Attachment 9

ICP-MS Troubleshooting Guide

Problem	Possible Cause/ Solution
High Calibration Blanks	Inspect historical blank data to determine root cause Inspect, clean or replace torch Inspect, clean or replace pump tubing or sample tubing Inspect, clean or replace nebulizer Remake blank solution Recalibrate instrument
Instrument Drift	Make sure instrument has warmed properly Condition cones to aid stability Re-slope to correct for changing cone conditions during run Stop run, clean cones and start over with a new calibration
Erratic Readings, High RSDs	Check nebulizer pressure Check sample flow around the pump, adjust tension on pump tubing to ensure smooth flow Check for clogs in the uptake tubing, nebulizer, or valve Clean or replace nebulizer
Low Sensitivity	Clean cones Adjust lens voltages Remove and clean lens, remove and clean or replace reaction cell
Bad Tune: Bad Mass Cal	Adjust lens voltages, remove and clean lens
Bad Tune: High Oxides	Inspect, clean, or replace torch, nebulizer, and spray chamber

Electronic Copy Only

Title: Extraction of Aqueous Samples by Separatory Funnel, SW846 3510C and EPA 600 Series

Approvals (Signature/Date):

Nicole Cross 11/21/2023 Nicole Cross Date Technical Specialist	Reed Pottruff 11/21/2023 Reed Pottruff Date Health & Safety Manager / Coordinator
Kelly Maddox 11/21/2023 Kelly Maddox Date Quality Assurance Manager	Anthony Grimaldi 11/21/2023 Anthony Grimaldi Date Business Unit Manager

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1.0 Scope and Application

1.1 This Standard Operating Procedure (SOP) is applicable to the solvent extraction of organic compounds from water samples, TCLP leachates, and SPLP leachates, using a separatory funnel. This SOP based on SW-846 Method 3510C, EPA 608, EPA 625, EPA 614, AK102, and ASTM Method D7065_11.

1.2 The determinative methods used in conjunction with this procedure are listed in Table 1. This extraction procedure may be used for additional methods when appropriate pH and spiking mixtures are used.

1.3 This procedure does not include the concentration and cleanup steps. See SOP DV-OP-0007 *Concentration and Clean-up of Organic Extracts* for details concerning the concentration and cleanup of extracts.

2.0 Summary of Method

A measured volume of sample, is placed in a separatory funnel. The pH is adjusted as required for the efficient extraction of specific compounds. The organic compounds are extracted with three portions of methylene chloride. The water phase is discarded. The organic phase is dried using sodium sulfate.

3.0 Definitions

Refer to the Glossary of the Eurofins Denver Quality Assurance Manual (QAM) and policy DV-QA-003P *Quality Control Program* for definitions of general analytical and QA/QC terms.

3.1 **Extraction Holding Time**: The elapsed time expressed in days from the date of sample collection to the date the extraction starts. The holding time is tracked in the laboratory LIMS system, and is the primary basis of prioritizing work.

3.2 **Preparation Batch**: A group of up to 20 samples that are of the same matrix and are processed together in the same extraction event using the same procedure and lots of reagents and standards

3.3 **Method Comments:** The Method Comments are used to communicate to the bench level chemists special requirements and instructions from the client. Please reference WI-DV-0032 Guidelines for Setting up Method Comments for details on Method Comments.

3.4 **Quality Assurance Summary (QAS)**: Certain clients may require extensive specific project instructions or program QC, which are too lengthy to fit conveniently in the Method Comments field in LIMS. In these situations, laboratory Project Managers describe the special requirements in a written QAS. QASs are posted on a public drive for easy accessibility by all lab employees. Normally, QASs are introduced to analysts in an initial project kick-off meeting to be sure that the requirements are understood.

3.5 **Aliquot**: A part that is a definite fraction of a whole; as in “take an aliquot of a sample for testing or analysis.” In the context of this SOP, “aliquot” is also used as a verb, meaning to take all or part of a sample for preparation, extraction, and/or analysis.

3.6 **Reagent Water** (aka ELGA water – water generated from ELGA water polishing units): Water with a resistivity of 1 Megohm-cm or greater. The Eurofins Denver deionized water supply meets this requirement with a resistivity of at least 10 Megohm-cm.

4.0 Interferences

4.1 Chemical and physical interferences may be encountered when analyzing samples using this method.

4.2 Method interferences may be caused by contaminants in solvents, reagents, glassware, and other processing apparatus that lead to discrete artifacts. All these materials must be routinely demonstrated to be free from interferences under conditions of the analysis by running laboratory method blanks as described in the Quality Control section. Specific selection of reagents may be required to avoid introduction of contaminants.

4.3 Visual interferences or anomalies (such as foaming, emulsions, odor, etc.) must be documented in an NCM.

4.4 The most common interference is laboratory contamination, which may arise from impure reagents, dirty glassware, improper sample transfers, dirty work areas, etc. Be aware of potential sources of contamination and take appropriate measures to minimize or avoid them. Especially take note of the possibility of phthalate contamination from gloves. Gloves should be changed out frequently and whenever they come in contact with solvent. Glassware should be handled in a fashion that keeps gloves away from the interior and mouth of the glassware.

4.5 The decomposition of some analytes has been demonstrated under basic extraction conditions. Organochlorine pesticides may dechlorinate, phthalate esters may exchange, and phenol may react to form tannates. These reactions increase with increasing pH, and are decreased by the shorter reaction times available in Method 3510C.

5.0 Safety

5.1 Employees must abide by the policies and procedures in the Environmental Health and Safety Manual, Radiation Safety Manual and this document.

5.2 This procedure may involve hazardous material, operations and equipment. This SOP does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of the method to follow appropriate safety, waste disposal and health practices under the assumption that all samples and reagents are potentially hazardous. Safety glasses, nitrile or latex gloves, lab coats and closed-toe, nonabsorbent shoes are a minimum.

5.3 Specific Safety Concerns or Requirements

5.3.1 The use of separatory funnels to extract samples using methylene chloride creates excessive pressure very rapidly. Initial venting should be done immediately after the separatory funnel has been sealed and inverted. Vent the funnel into the hood away from people and other samples. This is considered a high-risk activity. Either a face shield must be worn over safety glasses or goggles must be worn when it is performed.

5.3.2 Glass centrifuge tubes can break in the centrifuge if proper care is not taken. This can lead to a hazardous material spill and endanger employees. Do not exceed the manufacturer's recommended maximum RPM for glass containers. Normally speeds greater than 2000 rpm are not advisable.

5.3.3 The procedure calls for the use of an electric rotator. The rotator is equipped with a safety latch that does not allow the rotator to rotate even if the power switch is turned on. The separatory funnels are secured to the rotator using straps. During the procedure it will be necessary to loosen the straps in order to un-stopper the separatory funnels. Whenever the straps are loose, the safety latch must be fastened to prevent the rotator from rotating.

5.3.4 Glass wool is a carcinogen and therefore should be handled in a hood to avoid inhalation of dust.

5.4 Primary Materials Used

The following is a list of the materials used in this method, which have a serious or significant hazard rating. **Note: This list does not include all materials used in the method. The table contains a summary of the primary hazards listed in the SDS for each of the materials listed in the table.** A complete list of materials used in the method can be found in the reagents and materials section. Employees must review the information in the SDS for each material before using it for the first time or when there are major changes to the SDS.

Materials with Serious or Significant Hazard Rating

Material (1)	Hazards	Exposure Limit (2)	Signs and Symptoms of Exposure
Methylene Chloride	Carcinogen Irritant	25 ppm (TWA) 125 ppm (STEL)	Causes irritation to respiratory tract. Has a strong narcotic effect with symptoms of mental confusion, light-headedness, fatigue, nausea, vomiting, and headache. Causes irritation, redness, and pain to the skin and eyes. Prolonged contact can cause burns. Liquid degreases the skin. May be absorbed through skin.

Material (1)	Hazards	Exposure Limit (2)	Signs and Symptoms of Exposure
Sodium Hydroxide	Corrosive Poison	2 mg/m3	Effects from inhalation of dust or mist vary from mild irritation to serious damage of the upper respiratory tract, depending on severity of exposure. Symptoms may include sneezing, sore throat, and runny nose. Contact with skin can cause irritation or severe burns and scarring with greater exposures. Causes irritation of eyes and can cause burns that may result in permanent impairment of vision, even blindness with greater exposures.
Hydrochloric Acid	Corrosive Poison	5 ppm (Ceiling)	Inhalation of vapors can cause coughing, choking, inflammation of the nose, throat, and upper respiratory tract, and in severe cases, pulmonary edema, circulatory failure, and death. Can cause redness, pain, and severe skin burns. Vapors are irritating and may cause damage to the eyes. Contact may cause severe burns and permanent eye damage.
Sulfuric Acid	Corrosive Carcinogen	1 mg/m3	Inhalation may cause irritation of the respiratory tract with burning pain the nose and throat, coughing, wheezing, shortness of breath, and pulmonary edema. Causes chemical burns to the respiratory tract. Inhalation may be fatal as a result of spasm, inflammation, edema of the larynx and bronchi, chemical pneumonitis, and pulmonary edema. Causes skin burns. Causes severe eye burns. May cause irreversible eye injury, blindness, permanent corneal opacification.
(1) Always add acid to water to prevent violent reactions. (2) Exposure limit refers to the OSHA regulatory exposure limit			

6.0 Equipment and Supplies

NOTE: All glassware used in this procedure is cleaned following SOP DV-OP-0004 *Glassware Washing of Organic Analysis Applications*. In addition, the glassware is rinsed with methylene chloride immediately prior to use.

6.1 Supplies

- Separatory funnel, 2-liter with polytetrafluoroethylene (PTFE) stopcock and stopper.
- Separatory funnel, 500-mL with polytetrafluoroethylene (PTFE) stopcock and stopper.
- Separatory funnel 200mL with polytetrafluoroethylene (PTFE) stopcock and stopper.
-

- Separatory funnel rack and mechanical rotator.
- Balance, ≥ 1400 g capacity, accurate to ± 1 g, calibration checked daily per SOP DV-QA-0014 *Selecting and Using Balances*.
- pH indicator paper, wide range.
- Class A Graduated Cylinder, sizes ranging from 50 mL to 1 L.
- Media bottles, 300 mL with Teflon-lined caps or capped with aluminum foil.
- Media bottles, 500mL with Teflon-lined caps or capped with aluminum foil.
- Media bottles, 100 mL with Teflon-lined caps or capped with aluminum foil.
- Disposable pipettes, various volumes.
- Stemless glass funnel.
- Glass wool, baked at 400 °C for four hours.
- Sodium sulfate, baked at 400 °C for four hours.
- Mechanical pipette, 1 mL and 250 µL, positive displacement, with disposable tips, calibrated per SOP DV-QA-0008 *Volumetric Verification*.
- Aluminum foil.
- Paper towels.

6.2 Computer Software and Hardware

Please refer to the master list of documents, software and hardware located on \\Tacorp\corp\QA\QA_Facilities\Denver-QA\EquipmentR:\QA\Read\\Master List of Documents Software and Hardware.xls or current revision for the current software and hardware to be used for data processing.

7.0 Reagents and Standards

Reagent grade chemicals shall be used in all tests. Unless otherwise indicated, it is intended that all reagents shall conform to the specifications of the Committee on Analytical Reagents of the American Chemical Society, where such specifications are available. Other grades may be used, provided it is first ascertained that the reagent is of sufficiently high purity to permit its use without lessening the accuracy of the determination.

7.1 Reagent Water

Eurofins Denver has two ELGA water purification systems. The water coming from the ELGA system should be 18-18.2 Mohm-cm. The performance of the water polishing system is checked daily and recorded per SOP DV-QA-0026 *DI Water Monitoring*.

7.2 Methylene Chloride

Each lot of solvent is tested following SOP CA-Q-S-001 *Acid and Solvent Lot Testing and Approval Program* before it is put into use. Approved solvent lots are distributed by QA personnel.

7.3 Acids and Bases

7.3.1 1:1 Sulfuric Acid (H2SO4), *TALS Reagent ID "1:1 H2SO4"*

Place an ice water bath on a stir plate. Place a container with a magnetic stir bar in the bath. While stirring, slowly add 1 part concentrated reagent grade sulfuric acid (36N) to 1 part water from the ELGA purification system. Assign a 1 year expiration date from the date made or the vender expiration date, whichever is shorter.

7.3.2 10N Sodium Hydroxide (NaOH), *TALS Reagent ID "10N_NaOH"*

Purchased at ready-to-use concentration from commercial vendors. Assign a 1 year expiration date from the date opened or the vender expiration date, whichever is shorter.

7.3.3 1N Hydrochloric Acid (HCl), *TALS Reagent ID "1N_HCl"*

Dilute 100 mL of stock reagent grade, concentrated HCl to 1000 mL with reagent water.

7.4 Baked Sodium Sulfate, 12-60 mesh

Heat sodium sulfate in a 400 °C oven for at least four hours. Store in tightly closed container.

7.5 Baked Sodium Chloride

Bake in 400 °C oven for at least 4 hours.

Baked Glass Wool

Bake in 400 °C oven for at least 4 hours.

7.6 Standards

Please reference SOP DV-OP-0020 *Preparation, Verification, and Storage of Organic Prep Surrogates and Spike Standards* and WI-DV-0009 *Spike/Surrogating and Review Procedure for Organic Extractions* for information regarding the surrogate and spike standards used in this procedure.

8.0 <u>Sample Collection, Preservation, Shipment and Storage</u>

Sample container, preservation techniques and holding times may vary and are dependent on sample matrix, method of choice, regulatory compliance, and/or specific contract or client requests. Listed below are the holding times and the references that include preservation requirements.

Matrix and Method	Sample Container	Min. Sample Size	Preservation	Holding Time [1]	Reference
Water	Amber Glass	1000 mL	Cool, ≤ 6°C	7 Days	40 CFR Part 136.3
Water for Method AK_102_103	Amber Glass	1000 mL	Cool, ≤ 6°C and pH ≤ 2 with HCl	14 Days if properly preserved. 7 Days if un-preserved.	Method AK 102
Water for Method 8082 or 8082A	Amber Glass	1000 mL	Cool, ≤ 6°C	None [2]	SW-846 Chapter 4, Revision 4, Feb 2007
Water for Method 8081 or 8082 by Large Volume Injection	Amber Glass	250 mL	Cool, ≤ 6°C	7 Days	40 CFR Part 136.3
Water for Method 8270SIM by Large Volume Injection	Amber Glass	250 mL	Cool, ≤ 6°C	7 Days	40 CFR Part 136.3
TCLP Leachates	Glass	200 mL for 8270 100 mL for 8081 100mL for 8141	Cool, ≤ 6°C	7 Days from the start of the leach	SW-846 1311
SPLP Leachates	Glass	1000 mL	Cool, ≤ 6°C	7 Days from the start of the leach	SW-846 1312
Water for Method 8270 by Large Volume Injection	Amber Glass	125mL	Cool, ≤ 6°C	7 Days	40 CFR Part 136.3
D7065_11_W_Prep	Amber Glass	1000mL	H_2SO_4 to a pH of 2 Cool, ≤ 6°C, not frozen	28 Days	ASTM_D7065_11

[1] Exclusive of analysis.

[2] Some regulatory agencies do not accept SW-846 Revision 4 of Chapter 4 and will require a 1 week hold time for method 8082 and 8082A. The states of California, South Carolina, Pennsylvania, and Connecticut require a 1 week hold time.

9.0 Quality Control

9.1 The minimum quality controls (QC), acceptance criteria, and corrective actions are described in this section. When processing samples in the laboratory, use the LIMS Method Comments to determine specific QC requirements that apply. QC acceptance limits on the analytical results are not included. Refer to the appropriate SOP that describes the determinative method.

9.1.1 The laboratory's standard QC requirements, the process of establishing control limits, and the use of control charts are described more completely in Eurofins Denver policy DV-QA-003P *Quality Control Program*.

9.1.2 Specific QC requirements for Federal programs, e.g., Department of Defense (DoD), Department of Energy (DOE), etc., are described in Eurofins Denver policy DV-QA-024P QA/QC *Requirements for Federal Programs*. This procedure meets all criteria for DoD QSM unless otherwise stated. Any deviation or exceptions from QSM requirements must have prior approval in the project requirements.

9.1.3 Project-specific requirements can override the requirements presented in this section when there is a written agreement between the laboratory and the client, and the source of those requirements should be described in the project documents. Project-specific requirements are communicated to the analyst via Method Comments in the LIMS and the Quality Assurance Summaries (QAS) in the public folders.

9.1.4 Any QC result that fails to meet control criteria must be documented in a Nonconformance Memo (NCM). The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. This is in addition to the corrective actions described in the following sections.

9.2 Batch Definition

Batches are defined at the sample preparation stage. The batch is a set of up to 20 samples of the same matrix, plus required QC samples, processed using the same procedures and reagents within the same time period. Batches should be kept together through the whole analytical process as far as possible, but it is not mandatory to analyze prepared extracts on the same instrument or in the same sequence. The method blank must be run on each instrument that is used to analyze samples from the same preparation batch. See QC Policy DV-QA-003P *Quality Control Program* for further details.

9.3 Method Blank (MB)

9.3.1 One method blank must be processed with each preparation batch. The method blank is processed and analyzed just as if it were a field sample.

9.3.2 The method blank for batches of aqueous samples for Large Volume Injection (prep method 3510C_LVI) consists of 250mL of reagent water free of any of the analyte(s) of interest. The method blank for batches of aqueous samples for Large Volume Injection for method 8270 consists of 125 mL of reagent water free of any of the analyte(s) of interest.

9.3.3 The method blank for batches of aqueous samples for all other methods consists of 1 L of reagent water free of any of the analyte(s) of interest.

9.3.4 The method blank for batches of TCLP leachates for methods 8081 and 8141 consists of 100 mL of leach fluid.

9.3.5 The method blank for batches of TCLP leachates for method 8270 consists of 200 mL of leach fluid.

9.3.6 The method blank for batches of SPLP leachates consists of 1 L of leach fluid.

9.4 Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD)

9.4.1 At least one LCS must be processed with each preparation batch. The LCS is carried through the entire analytical procedure just as if it were a sample.

9.4.2 The LCS for batches of aqueous samples for Large Volume Injection (prep method 3510C_LVI) consists of 250mL of reagent water to which the analyte(s) of interest are added at known concentrations. For method 8270 the LCS for batches of aqueous samples for Large Volume Injection (prep method 3510C_LVI) consists of 125 mL of reagent water which the analyte(s) of interest are added at known concentrations.

9.4.3 For aqueous sample batches for all other methods, the LCS consists of 1 L of reagent water to which the analyte(s) of interest are added at known concentration.

9.4.4 For methods 8081 and 8141 TCLP leachates, the LCS consists of 100 mL of leach fluid to which the analyte(s) of interest are added at known concentration.

9.4.5 For method 8270 TCLP leachates, the LCS consists of 200 mL of leach fluid to which the analyte(s) of interest are added at known concentration.

9.4.6 For SPLP leachates, the LCS consists of 1 L of leach fluid to which the analyte(s) of interest are added at known concentration.

9.4.7 Method 608, 614, 625 requires a LCS at a 10% frequency. In other words one LCS is required for a batch of 10 or less samples. A LCSD is required for a batch of 11 or more samples.

9.4.8 Method AK102 requires LCS and a LCSD for every batch for every spike compound.

9.5 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

9.5.1 One MS/MSD pair must be processed with each preparation batch. A matrix spike (MS) is a field sample to which known concentrations of target analytes have been added. It is prepared in a manner similar to the LCS, but uses a real sample matrix in place of the blank matrix. A matrix spike duplicate (MSD) is a second aliquot of the same sample (spiked exactly as the MS) that is prepared and analyzed along with the sample and matrix spike. Some programs allow spikes to be reported for project-related samples only. Samples identified as field blanks cannot be used for the MS/MSD analysis.

9.5.2 If insufficient sample volume is available for MS/MSD, an NCM must be written and a LCSD must be prepared unless Method Comments indicate otherwise. DoD requires the MS/MSD to be assigned by the client. For DoD QSM specific criteria see SOP DV-QA-024P QA/QC *Requirements for Federal Programs*. When there is no assigned MS/MSD or there is not enough sample volume provided an LCSD must be prepared.

9.5.3 Method 608, 625, and 614 requires one matrix spike for every 10 samples. If the batch has more than 10 samples, then two matrix spikes must be performed. The two matrix spikes are to be performed on two different samples. If there is insufficient sample volume for matrix spikes, then a LCSD must be performed.

9.6 Surrogate Spikes

Every calibration standard, field sample, and QC sample (i.e. method blank, LCS, LCSD, MS, and MSD) is spiked with surrogate compounds.

10.0 Procedure

10.1 One-time procedural variations are allowed only if deemed necessary in the professional judgment of supervision to accommodate variation in sample matrix, radioactivity, chemistry, sample size, or other parameters. Any variation in procedure shall be completely documented using an NCM. The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. The NCM shall be filed in the project file and addressed in the case narrative.

10.2 Any deviations from this procedure identified after the work has been completed must be documented in an NCM, with a cause and corrective action described.

10.3 All equipment IDs for any support equipment (pipettes, thermometers, etc.) must be recorded in the batch record.

10.4 Critical Procedural Considerations

10.4.1 As stated throughout this SOP, analysts must review the Method Comments and any applicable QASs before starting work. This review is also documented on the Organic Extraction Checklist (see WI-DV-0009 *Spike/Surrogating and Review Procedure for Organic Extractions*).

10.4.2 Analyst must focus on using clean technique throughout this procedure. Any parts or pipettes that come into direct contact with dirty surfaces or any other separatory funnel than the designated one should be cleaned or disposed of before coming into contact with the sample.

10.5 Assemble and clean the glassware immediately before use.

NOTE: Rotate glassware; do **not** use specific glassware or positions for the MB and LCS/LCSD.

10.5.1 Place a stopcock in each separatory funnel. For 1-liter extractions use a 2000 mL separatory funnel. . For 250 mL, 200 mL, 125mL, 100 mL extractions, use a 500 mL separatory funnel. Place a stopper for each separatory funnel on a clean sheet of aluminum foil that is marked with individual positions for each stopper. This is done to prevent cross-contamination.

NOTE: Samples logged with method 3510_LVI are for Large Volume Injection methods and require 250 mL initial volumes. Samples logged for 8270 with a TCLP pre-prep require 200mL initial volumes. Samples logged for 8081 and 8141 with a TCLP pre-prep require 100 mL initial volumes.

NOTE 2: Samples logged with prep method 3510_LVI method 8270 are for Large Volume Injection methods and require 125 mL initial volumes.

10.5.2 For each separatory funnel, plug a glass funnel with baked glass wool and add baked sodium sulfate. Rinse the sodium sulfate funnel with methylene chloride and completely saturate the sodium sulfate. Place the funnel on a media bottle and place the media bottle below the separatory funnel.

10.5.3 Rinse each separatory funnel once with methylene chloride. Be sure that all surfaces come into contact with the solvent. Discard the methylene chloride into the appropriate waste stream.

10.5.4 Rinse the sodium sulfate with additional methylene chloride if the first rinse did not completely saturate the sodium sulfate.

10.5.5 Rinse all sides of the media bottle with methylene chloride. Swirl the media bottle to ensure all surfaces come into contact with the solvent. Add additional methylene chloride to the rinse if necessary.

10.5.6 Discard the methylene chloride into the appropriate waste stream.

10.5.7 Label each media bottle with the sample ID or batch QC ID.

10.6 Prepare LCS and Method Blank Samples

NOTE: For SW-846 methods if there is not a MS/MSD pair in the batch then perform a LCS/LCSD. Methods 608, 625, and 614 require a LCS and LCSD in batches of 11 samples or more or if there are no Matrix Spikes in batches of 10 or less.

10.6.1 For aqueous sample batches logged for Large Volume Injection, (3510_LVI), pour 250 mL of reagent water into the separatory funnels marked for the LCSs and the MB. For aqueous sample batches logged for prep method 3510_LVI method 8270 pour 125 mL if reagent water into the separatory funnels marked for the LCSs and MB.

10.6.2 For all other aqueous sample batches, pour 1 liter of reagent water into the separatory funnels marked for the LCSs and the MB.

10.6.3 For 8270 TCLP leachates, use a 250 mL or 500 mL Class A graduated cylinder to measure out 200 mL (125mL for 8270_LVI) of the appropriate leach fluid for each MB and LCS and LCSD. Record the volume to the nearest mL. Place the leachate bottle beside the separatory funnel so a second analyst can check that the correct leach fluid was used.

10.6.4 For 8081 and 8141 TCLP leachates, use a 100 mL or 250 mL Class A graduated cylinder to measure out 100 mL of the appropriate leach fluid for each MB and

LCS and LCSD. Record the volume to the nearest mL. Place the leachate bottle beside the separatory funnel so a second analyst can check that the correct leach fluid was used.

10.6.5 For SPLP leachates, use a 1000 mL Class A graduated cylinder to measure out 1000 mL of the appropriate leach fluid for each MB and LCS and LCSD. Record the volume to the nearest 10 mL. Place the leachate bottle beside the separatory funnel so a second analyst can check that the correct leach fluid was used.

10.7 Measure the initial sample pH of the samples.

10.7.1 Measure the initial sample pH with wide-range pH paper and record the pH on the extraction bench sheet.

10.7.2 If the sample is logged for AK102_103, the samples should have been field preserved. See Section 8. If the samples are not preserved, an NCM should be written.

10.8 Aliquot the samples

10.8.1 For 8270 TCLP leachates, use a 250 mL or 500 mL Class A graduated cylinder to measure out 200 mL of the leachate. Record the volume to the nearest mL. Place the leachate bottle beside the separatory funnel so a second analyst can check that the correct leach fluid was used.

10.8.2 For 8081 and 8141 TCLP leachates, use a 100 mL or 250 mL Class A graduated cylinder to measure out 100 mL of the leachate. Record the volume to the nearest mL. Place the leachate bottle beside the separatory funnel so a second analyst can check that the correct leach fluid was used.

10.8.3 For SPLP leachates, use a 1 Liter Class A graduated cylinder to measure out 1000 mL of the leachate. Record the volume to the nearest 10 mL. Place the leachate bottle beside the separatory funnel so a second analyst can check that the correct leach fluid was used.

10.8.4 For water samples, it should be noted that Eurofins Denver routinely aliquots gravimetrically. This is done to prevent cross-contamination due to volumetric glassware and to provide a more accurate initial volume measurement. However, some clients and regulatory programs require the laboratory to aliquot samples volumetrically. The Method Comments and QASs must be read before samples are aliquotted to check for this requirement. If samples are to be aliquotted volumetrically, use Class A volumetric glassware only and proceed to Section 10.8.6

10.8.5 Weigh the bottle (125 mL or 250 mL amber bottles for 3510C_LVI or 1000 mL amber bottles for all other aqueous samples) and record the gross weight to the nearest gram. If there is any indication that the sample's density is not 1 g = 1 mL, then measure the density of the sample using a calibrated pipette and an analytical balance. The weight of the sample extraction will be corrected for the density later. See Section 11 for the calculation. For example, normally a 1 liter bottle weighs 500 g when empty and when filled completely can only hold 1060

mL, therefore a full bottle weighing more than 1560 g is an indication that either the sample density is greater than 1g or the sample bottle contains a lot of sediment. A wide mouth bottle should weigh no more than 1367 g. Document any sample with a density greater than 1.01 g in an NCM.

10.8.6 Inspect the samples for large amounts of sediment that may interfere with the extraction of the sample by causing excessive emulsions or clogging the stop-cock.

10.8.6.1 If the sample contains so much sediment that the entire sample volume cannot be extracted, decant the sample into the separatory funnel (or a 1 L graduated cylinder if volumetric aliquotting is required), careful not to transfer the sediment. Write a NCM to document the sediment and that it prevented the entire sample volume from being extracted and the sample container from being solvent rinsed. This is considered a deviation and must be documented in a NCM.

10.8.6.2 If the sample does not contain a significant amount of sediment, then the entire sample volume will be used in the extraction.

10.8.6.3 For the 600 method series: if there is no more than an inch of sediment in the bottom of the sample bottle, shake the sample well and determine if the sediment resettles in approximately 1 minute. If not, the density of the sediment is likely to be low enough to stay suspended.

10.8.6.4 For the 600 method series: if the density of the sediment is high and likely to cause a problem in the extraction or if there is more than an inch of sediment contact the PM so that the client's input can be obtained. Not extracting the entire sample and rinsing the bottle with the extraction solvent is a method deviation. If the client concurs that the sample can be decanted write an NCM to describe the deviation from the procedure.

10.8.7 Place the sample containers in front of the separatory funnel labeled for that sample. A second analyst should then check the labels to make sure the correct sample is being extracted. This check is documented in the Organic Extraction Checklist (WI-DV-0009 *Spike/Surrogating and Review Procedure for Organic Extractions*)

10.9 If volumetric aliquotting is required, transfer the entire sample into a Class A graduated cylinder and record the volume on the benchsheet. If the sample bottle contains more than 1000 mL, a 100 mL Class A graduated cylinder can be used to complete the measurement. The entire sample volume must be used. Record the volume to the nearest 10 mL. Then pour the sample into the labeled separatory funnel. Place the used graduated cylinder in front of the appropriate separatory funnel so it can be solvent rinsed later.

NOTE: A 1000 mL Class A graduated cylinder is not accurate enough to measure to the nearest 1 mL. Therefore all samples that are aliquoted using a 1000 mL Class A graduated cylinder will have the initial volume recorded to the nearest 10 mL. This accuracy is sufficient.

10.10 If volumetric aliquotting is not required, pour the sample directly into the separatory funnel. Place the empty sample container in front of the appropriate separatory funnel so it can be solvent rinsed.

10.11 Add Surrogates to All Field Samples and QC Samples

10.11.1 The standards should be allowed to come to room temperature before spiking the samples. Record the ID of the standard used on the benchsheet.

NOTE: The addition of spikes and surrogates to samples must be done only immediately after a second analyst has reviewed the batch Reference work instruction WI-DV-0009 *Spike/Surrogating and Review Procedure for Organic Extractions* to determine the appropriate standard and the appropriate volume required.

10.11.2 Only one batch should be surrogated at a time to ensure the correct standards are used.

10.11.3 Add the appropriate volume of the appropriate working surrogate standard to the separatory funnel for each sample, MB, LCS, and MS/MSD. Record the ID of the standard used on the bench sheet. Reference work instruction WI-DV-0009 *Spike/Surrogating and Review Procedure for Organic Extractions* to determine the appropriate standard and the appropriate volume required.

10.12 Add Spikes to all LCS's and MS/MSDs

10.12.1 Add the appropriate volume of the appropriate working spike standard to the separatory funnels for the MS/MSD, LCS and/or LCSD samples. Record the ID of the standard used on the bench sheet. Reference work instruction WI-DV-0009 *Spike/Surrogating and Review Procedure for Organic Extractions* to determine the appropriate standard and the appropriate volume required.

10.13 Add approximately 6g (1 teaspoon) of NaCl to all samples and all QC samples. This is done to give the reagent water used in the MBs and LCSs some ionic strength to more closely mimic the matrix of actual water samples and to aide in the extraction of the more polar target compounds. Record the lot number of the sodium chloride on the bench sheet.

10.14 Adjust pH of Field Samples and QC Samples

Adjust the sample pH as indicated in the chart below using a minimum amount of 1:1 sulfuric acid (or 1 M hydrochloric acid for Methods AK102 or 10 N sodium hydroxide, as necessary. Record the adjusted pH and the lot number of the acid or base on the bench sheet. For TCLP leachates by method 8270, usually 1 mL of 1:1 sulfuric acid is sufficient. For prep method 3510_LVI method 8270 0.5 mL of 1:1 sulfuric acid is sufficient.

NOTE: TCLP Leachates may have pH of < 5. In those cases, the pH should be adjusted per the table below.

Method	Initial Extraction pH	Secondary Extraction pH
All 8270 methods *except* SIM.	1 – 2	If samples are TCLP leachates extract at 14. If samples are water extract at 11 - 12
All 8270 SIM methods	As Received	None
All 8081, 8082 and 608 methods.	5 - 9	None
All 8141 and 614 methods	5-8	None
All 8015 methods	As Received	None
All 8310 and 610 methods	As Received	None
AK102_103	If samples are preserved between pH 1 – 2, then acidify the MB and LCS. Otherwise extract as received and document insufficient preservation in an NCM.	None
D7065_11	1-2	None

10.15 For 1 Liter samples, add 60 mL of methylene chloride to each empty sample container, unless the entire sample volume was not used. For 250 mL or smaller samples, add 30 mL of methylene chloride to each empty sample container, unless the entire sample volume was not used. For 125 mL add 15 mL of methylene chloride to each sample container. Cap the container and shake gently to rinse all internal surfaces of the bottle. Pour the methylene chloride from the sample container into the appropriate separatory funnel. If a graduated cylinder was used to aliquot volumetrically, rinse the cylinder and add that rinse to the separatory funnel as well. Record the lot number of the methylene chloride on the bench sheet. If the sample contained significant sediment and the entire sample contents could not be extracted, do not rinse the empty sample container, but instead add the solvent directly to the separatory funnel. If the solvent rinse of the sample container cannot be performed, prepare a NCM.

10.16 For water samples that were aliquotted gravimetrically, reweigh the bottle and calculate the initial sample volume by subtracting the empty bottles weight from the full bottles weight, assuming a density of 1 g = 1 mL. If there is any indication that the samples density is not 1 g = 1 mL then measure the density of the sample and correct the calculated initial volume accordingly using the formula in Section 11. Document abnormal sample density in an NCM. For example, normally a 1 liter bottle when filled completely can only hold 1060 mL, therefore an initial volume greater than 1060mL is an indication that the density is not 1 g. Document any sample with a density greater than 1 g in an NCM.

10.17 If the initial volume is less than 80% of the nominal volume, the sample reporting limits and method detection limits will be elevated substantially. Document this in a NCM.

10.18 Stopper and vigorously hand shake the separatory funnel while periodically venting to release excess pressure and let the sample settle for 3 minutes. Document the extraction date and time on the bench sheet.

WARNING: Methylene chloride creates excessive pressure very rapidly! Therefore, initial venting should be done immediately after the separatory funnel has been sealed and shaken a few seconds. Vent into hood away from people and other samples. A face shield or goggles must be worn during venting.

10.19 Allow the organic layer to separate from the water phase for at least 3 minutes or until complete visible separation has been achieved. This can take up to 10 minutes. If the emulsion interface between layers is more than one-third the size of the solvent layer, use mechanical techniques to complete the phase separation. The optimum technique depends upon the sample and may include stirring, pouring the solvent layer and emulsion back through the top of the separatory funnel (pour-back), or centrifugation. The emulsion could also be filtered through the glass funnel by adding additional sodium sulfate to remove all water in the emulsion. This technique should only be used after other techniques have failed to make complete phase separation and only after the last shake.

NOTE 1: If an emulsion forms, the analyst does not have to wait a complete 5 minutes before attempting to break the emulsion with pour-backs and centrifuge. Start employing the mechanical techniques right away to achieve phase separation.

NOTE 2: As much as 15 to 20 mL of methylene chloride is expected to dissolve in 1 L of water. Thus, solvent recovery could be as low as 35 mL from the first shake and still be acceptable. Subsequent shakes should recover at least 50 mL of solvent.

10.20 Drain the lower methylene chloride layer into the sodium sulfate filled glass funnel. Allow the methylene chloride to drain completely into the media bottle. Rinse the sodium sulfate with a small amount of methylene chloride to ensure that all compounds of interest are collected in the media bottle. Record the lot number of the sodium sulfate on the bench sheet. If the sodium sulfate becomes saturated with water, add more sodium sulfate to the funnel or replace the existing sodium sulfate with fresh drying agent.

10.21 Repeat the extraction two more times for a total of 3 extractions. Collect all three methylene chloride extracts in the same media bottle. For the 2nd and 3rd extractions it is not necessary to wait 5 minutes to allow the solvent to separate from the water; a 3 minute wait time should be sufficient.

10.22 For the base/neutral and acid extractable method 8270, adjust the pH of the samples according to chart in Section 10.14. For 8270 TCLP leachates an excess of base is required to effectively extract pyridine, therefore at least 7 mL of base should be used to ensure the pH is 14. Then extract the sample 3 more times. For these extractions, it is not necessary to wait 5 minutes to allow the solvent to separate from the water; a 3 minute wait time should be sufficient.

NOTE: For 8270 water extractions please note that typically 2 mL of acid is needed to achieve a pH 1-2; 5 mL of base is typically required to achieve the pH of 11-12.

NOTE 2: For 8270 Large Volume Injection (prep method 3510_LVI) please note that typically 0.5 mL of acid is needed to achieve a pH of 1-2; 1 mL of base is typically required to achieve a pH of 11-12.

10.23 Cap the media bottle with a Teflon-lined cap or aluminum foil and submit for concentration and possible clean-up steps.

10.24 Dispose of the solvent-saturated water remaining in the separatory funnel in the appropriate waste container. See Section 14.

10.25 Initial weights and volumes of samples are entered into LIMS, and the transcribed data must be verified by a second person. This verification is documented on the Organic Extraction Checklists (see WI-DV-0009 *Spike/Surrogating and Review Procedure for Organic Extractions*).

10.26 Troubleshooting

10.26.1 If the sample appears very dark or viscous or in any way un-like water, stop and test the sample's miscibility before attempting to extract the sample by this procedure. Place a few milliliters of sample in a vial with methylene chloride. Cap and shake. If the sample is miscible in methylene chloride, the sample should be re-logged as a waste matrix with a prep method of 3580A.

10.27 Maintenance

10.27.1 Approximately every 6 months, the centrifuge should be lubricated.

10.27.2 Contact the Facilities Manager immediately if the rotator is observed to be making un-familiar noises or rotating in a "jerking" manner.

11.0 Data Analysis and Calculations

11.1 Initial Volume calculation

$$InitialVolume(mL) = \frac{FullBottle(g) - EmptyBottle(g)}{Density(g/mL)}$$

11.2 The initial data review is performed by the analyst and a second-level review is performed by the area supervisor or designee. Both reviews are documented on DV-F-0045 *Organic Extraction Department Checklist*. See SOP DV-QA-0020 *Data Review* for more detail on the review process.

12.0 Method Performance

12.1 Method Detection Limit Study (MDL)

The method detection limit (MDL) is the lowest concentration that can be detected for a given analytical method and sample matrix with 99% confidence that the analyte is present. The MDL is determined according to the laboratory's MDL policy in CA-Q-S-006 *Detection and Quantitation Limits*. MDLs reflect a calculated (statistical) value determined under ideal laboratory conditions in a clean matrix, and may not be achievable in all

environmental matrices. The laboratory maintains MDL studies for analyses performed; these are verified at least annually unless method or program requirements require a greater frequency.

12.2 Limit of Quantitation Verification (LOQV)

The verification of the limit of quantitation (LOQ or LLOQ) is performed quarterly for work performed according to the DOD/DOE QSM or for programs which require the use of Method 8270D, Revision 5. For DoD QSM specific criteria see SOP DV-QA-024P QA/QC *Requirements for Federal Programs*. A blank matrix is spiked at 1-2 the laboratory RL and carried through the entire preparation and analytical procedures. Recoveries are assessed based on historical limits.

12.3 Demonstration of Capabilities

All personnel are required to perform an initial demonstration of proficiency (IDOC) on the instrument they will be using for analysis prior to testing samples. On-going proficiency must be demonstrated annually. IDOCs and on-going proficiency demonstrations are conducted as follows.

12.3.1 Four aliquots of the QC check sample are analyzed using the same procedures used to analyze samples, including sample preparation. The concentration of the QC check sample should be equivalent to a mid- level calibration.

12.3.2 Calculate the average recovery and standard deviation of the recovery for each analyte of interest.

12.3.3 If any analyte does not meet the acceptance criteria, the test must be repeated. Only those analytes that did not meet criteria in the first test need to be evaluated. TNI 2009 requires consecutive passing results. Repeated failure for any analyte indicates the need for the laboratory to evaluate the analytical procedure and take corrective action.

12.3.4 Until the IDOC is approved by the QA Manager (or designee); the trainer and trainee must be identified in the batch record.

12.3.5 Further details concerning demonstrations of proficiency are described in SOP DV-QA-0024 *Training*.

12.4 Training Requirements

The Group Leader is responsible for ensuring that this procedure is performed by an associate who has been properly trained in its use and has the required experience. A new analyst must be working under documented supervision prior to approval of the IDOC. Documentation that a new analyst is performing under supervision must be entered into the batch record (View Batch Information) until that analyst's IDOC has been approved by the QA Manager (or designee). See requirements for demonstration of analyst proficiency in SOP DV-QA-0024 *Training*.

13.0 Pollution Control

The volume of spike solutions prepared is minimized to reduce the volume of expired standard solutions requiring hazardous waste disposal.

14.0 Waste Management

14.1 All waste will be disposed of in accordance with Federal, State, and local regulations. Where reasonably feasible, technological changes have been implemented to minimize the potential for pollution of the environment. Employees will abide by this procedure, the policies in section 13, "Waste Management and Pollution Prevention", of the Environmental Health and Safety Manual, and DV-HS-001P *Waste Management Plan*.

14.2 The following waste streams are produced when this method is carried out:

14.2.1 Methylene chloride – Waste Stream B

14.2.2 Solid waste/sodium sulfate – Waste Stream D

14.2.3 Basic aqueous sample waste saturated with methylene chloride – Waste Stream X.

14.2.4 Acidic aqueous sample waste saturated with methylene chloride – Waste Stream Y.

14.2.5 Neutral aqueous sample waste saturated with methylene chloride – Waste Stream X or Waste Stream Y.

14.2.6 Expired Standards/Reagents – Contact Waste Coordinator for guidance

NOTE: Radioactive waste, mixed waste, and potentially radioactive waste must be segregated from non-radioactive waste as appropriate. Contact the Radioactive Waste Coordinator for proper management of these materials.

15.0 References / Cross-References

15.1 SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, Third Edition and all promulgated updates, EPA Office of Solid Waste, January 2005, Method 3510C, Separatory Funnel Liquid-Liquid Extraction, Revision 3, December 1996.

15.2 Code of Federal Regulations, Title 40 – Protection of the Environment, Part 136 – Guidelines Establishing Test Procedures for the Analysis of Pollutants, Appendix A – Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater, Method 608, Organochlorine Pesticides and PCBs.

15.3 Code of Federal Regulations, Title 40 – Protection of the Environment, Part 136 – Guidelines Establishing Test Procedures for the Analysis of Pollutants, Appendix A – Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater, Method 610, Polynuclear Aromatic Hydrocarbons.

15.4 Code of Federal Regulations, Title 40 – Protection of the Environment, Part 136 – Guidelines Establishing Test Procedures for the Analysis of Pollutants, Appendix A – Methods for

Organic Chemical Analysis of Municipal and Industrial Wastewater, Method 614, Organophosphorous Pesticides.

15.5 Alaska Method AK102, "For the Determination of Diesel Range Organics", Version 04/08/02.

15.6 Alaska Method AK103, "For the Determination of Residual Range Organics", Version 04/08/02.

15.7 ASTM D7065-11, Standard Test Method for Determination of Nonylphenols, Bisphenol A, p-tert-Octylphenol, Nonylphenol Monoethoxylate, and Nonylphenol Diethoxylate in Environmental Waters by Gas Chromatography Mass Spectrometry.

16.0 Modifications:

16.1 Modifications from SW-846 Method 3510C

16.1.1 Section 7.1 of the method calls for initial sample volume to be determined volumetrically either by measuring out exactly 1 liter or marking the meniscus on the sample container and later determining the volume of water required to fill the bottle back up to the mark. This SOP allows the initial sample volume to be determined by weight in order to achieve a more accurate initial volume and to avoid cross-contamination via glassware.

16.1.2 Section 7.5 of the method calls for shaking the separatory funnel 1-2 minutes. This SOP calls for shaking the separatory funnel for 3 minutes.

16.1.3 Section 7.6 of the method calls for allowing the organic layer to separate from the water phase for a minimum of 10 minutes. This SOP calls for allowing the organic layer to separate from the water phase for a minimum of 5 minutes after the first extraction and a minimum of 3 minutes for subsequent extractions, up to 10 minutes if the separation is not complete.

16.1.4 The source method does not call for the use of sodium chloride. This procedure calls for the addition of approximately 6g of sodium chloride to all samples and all QC samples in order to help the extraction efficiency.

16.1.5 The source method calls for samples to be extracted for method 8141 at the pH they are received. This procedure calls for the extraction to be performed at a pH between 5 and 8. This is done per guidelines found in Section 2 and Section 8 of SW-846 8141B.

16.2 Modifications from 40 CFR Method 608 and 610

16.2.1 Section 10.1 of the method calls for initial sample volume to be determined volumetrically. This SOP allows the initial sample volume to be determined by weight.

16.2.2 Section 10.2 of the method calls for shaking the separatory funnel 1-2 minutes. This SOP calls for shaking the separatory funnel for 3 minutes.

16.2.3 Section 10.2 of the method calls for allowing the organic layer to separate from the water phase for a minimum of 10 minutes. This SOP calls for allowing the organic

layer to separate from the water phase for a minimum of 5 minutes after the first extraction and a minimum of 3 minutes for subsequent extractions, up to 10 minutes if the separation is not complete.

16.2.4 Section 10.3 of the method calls for rinsing the sample collection bottle with the 60 mL methylene chloride aliquot for the second and third extraction as well as the first extraction. This SOP calls for rinsing the sample collection bottle with only the first 60-mL methylene chloride aliquot.

16.2.5 The source method does not call for the use of sodium chloride. This procedure calls for the addition of approximately 6g of sodium chloride to all samples and all QC samples in order to help the extraction efficiency.

16.3 Modifications from 40 CFR Method 614

16.3.1 Section 10.1 of the method calls for initial sample volume to be determined volumetrically. This SOP allows the initial sample volume to be determined by weight.

16.3.2 Section 10.2 of the method calls for the extraction to be performed with at 15% v/v methylene chloride in hexane solvent. This procedure uses methylene chloride for the extraction. SOP DV-OP-0007 *Concentration and Clean-up of Organic Extracts* calls for the methylene chloride extract to be concentrated and exchanged to hexane.

16.3.3 Section 10.2 of the method calls for shaking the separatory funnel 1-2 minutes. This SOP calls for shaking the separatory funnel for 3 minutes.

16.3.4 Section 10.2 of the method calls for allowing the organic layer to separate from the water phase for a minimum of 10 minutes. This SOP calls for allowing the organic layer to separate from the water phase for a minimum of 5 minutes after the first extraction and a minimum of 3 minutes for subsequent extractions, up to 10 minutes if the separation is not complete.

16.3.5 Section 10.3 of the method calls for rinsing the sample collection bottle with the 60 mL solvent aliquot for the second and third extraction as well as the first extraction. This SOP calls for rinsing the sample collection bottle with only the first 60-mL methylene chloride aliquot.

16.3.6 The source method does not call for the use of sodium chloride. This procedure calls for the addition of approximately 6g of sodium chloride to all samples and all QC samples in order to help the extraction efficiency.

16.4 Modifications from Method AK 102

16.4.1 Section 9.1.1.1 of the method calls for using no more than 1 liter of sample and to determine the volume either by measuring out exactly 1 liter or marking the meniscus on the sample container and later determining the volume of water required to fill the bottle back up to the mark. This SOP allows the initial sample volume to be determined by weight in order to achieve a more accurate initial volume and to avoid cross-contamination via glassware. This SOP allows for the extraction of more than 1 L as it calls for the use of the entire sample volume.

16.4.2 Section 9.1.1.6 of the method says to allow the water and solvent layers to separate for approximately 10 minutes. This SOP calls for the allowing the organic layer to separate from the water phase for a minimum of 5 minutes after the first extraction and a minimum of 3 minutes for subsequent extractions, up to 10 minutes if the separation is not complete.

16.4.3 The source method does not call for the use of sodium chloride. This procedure calls for the addition of approximately 6g of sodium chloride to all samples and all QC samples in order to help the extraction efficiency.

17.0 Attachments

Table 1. Determinative Methods Using Separatory Funnel Extractions

18.0 Revision History

This section has been added beginning with Revision 0. Only details of the last two revisions are incorporated into this SOP. Prior revisions are documented in the QA files and available upon request.

- **Revision 24 dated 28 November, 2023**
  - 10.18 Updated extraction procedure.
  - 10.5.1 Updated extraction equipment.
  - 10.6.3 Updated extraction procedure

- **Revision 23 dated 21 July, 2023**
  - Updated copyright information
  - Updated formatting throughout.
  - Section 4.5 removed reference for 3520C.
  - Section 7.2 updated procedure for solvent lot approval.
  - Section 7.5 updated reagents
  - Section 8.0 removed reference of NWTPH-Dx.
  - 10.5.2 updated rinsing procedure.
  - 10.5.3 updated rinsing procedure.
  - 10.5.5 updated rinsing procedure.
  - 10.5.6 updated wording.
  - 10.13 removed reference of SC QC procedure.
  - 10.23 updated procedure for sample pH.

TABLE 1.

Determinative Methods Using Separatory Funnel Extractions

Method Description	*Determinative Method*	*SOP*
Diesel Range Organics & Jet Fuels	SW-846 8015, California LUFT Method, Alaska Methods AK102 & AK103 SW-846 8015C DRO SW-846 8015D DRO	DV-GC-0027
Chlorinated Pesticides	SW-846 8081A SW-846 8081B EPA Method 608	DV-GC-0020 DV-GC-0016
Polychlorinated Biphenyls	SW-846 8082 SW-846 8082A EPA Method 608	DV-GC-0021 DV-GC-0016
Organophosphorus Pesticides	SW-846 8141A, & EPA Method 614	DV-GC-0017
Semi-volatiles by GC/MS	SW-846 8270C SW-846 8270D SW-846 8270E EPA Method 625	DV-MS-0011 DV-MS-0012
PAH by GC/MS SIM	SW-846 8270C SW-846 8270D SW-846 8270E EPA Method 610	DV-MS-0002
Nonylphenols by GC/MS SIM	SW-846 8270C SIM	DV-MS-0014

Electronic Copy Only

Title: Concentration and Clean-up of Organic Extracts [SW-846, 3510C, 3540C, 3546, 3550B, 3550C, 3620C, 3630C, 3660B, 3665A, ASTM Method D7065-11, and EPA 600 Series Methods]

Approvals (Signature/Date):

Nicole Rystrom 4/8/2024 Nicole Rystrom Date Technical Specialist	Reed Pottruff 4/8/2024 Reed Pottruff Date Health & Safety Manager
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1.0 Scope and Application

1.1 This standard operating procedure (SOP) provides instructions for the concentration, and if necessary, cleanup, of solvent extracts of organic compounds from water samples, soil samples, TCLP leachates, and SPLP leachates. This SOP is based on SW-846 Methods 3510C, 3540C, 3546, 3550B, 3550C, 3620C, 3630C, 3660B, 3665A, ASTM Method D7065-11, and EPA 600 Series methods.

1.2 The determinative methods and extraction methods used in conjunction with this procedure are listed in Attachment 1.

1.3 This procedure does not include the extraction steps. See the following SOPs for the applicable extraction procedures:

DV-OP-0006: *Extraction of Aqueous Samples by Separatory Funnel*, SW-846 3510C and EPA 600 Series

DV-OP-0010: *Soxhlet Extraction of Solid Samples*, SW-846 3540C

DV-OP-0015: *Microwave Extraction of Solid Samples*, SW-846 3546

DV-OP-0016: *Ultrasonic Extraction of Solid Samples*, SW-846 3550B and 3550C

NOTE: This SOP does not include the concentration steps of extracts for Herbicides by method 8321. See DV-LC-0014 *Chlorinated Phenoxyacid Herbicides by ESI/LC/MS/MS*.

2.0 Summary of Method

Sample extracts are concentrated to a specific final volume using an S-EVAP, N-EVAP, or Turbo-Vap. Some methods require a solvent exchange. If necessary, various clean-up techniques are performed before the extract is sent for analysis.

3.0 Definitions

Refer to SOP DV-QA-003P *Quality Control Program* for definitions of general analytical and QA/QC terms.

3.1 **Extraction Holding Time:** The elapsed time expressed in days from the date of sample collection to the date the extraction starts. The holding time is tracked in the laboratory LIMS system, and is the primary basis of prioritizing work.

3.2 **Preparation Batch:** A group of up to 20 samples that are of the same matrix and are processed together in the same extraction event using the same procedure and lots of reagents and standards.

3.3 **Method Comments:** The Method Comments are used to communicate to the bench level chemists' special requirements and instructions from the client. See WI-DV-0032 *Guidelines for Setting up Method Comments.*

3.4 **Quality Assurance Summary (QAS):** Certain clients may require extensive specific project instructions or program QC, which are too lengthy to fit conveniently in the special instructions/Method Comments field in LIMS. In those situations, laboratory Project Managers describe the special requirements in a written QAS to address these requirements. QASs are posted on a public drive for easy accessibility by all lab employees.

4.0 Interferences

Chemical and physical interferences may be encountered when analyzing samples using this method.

4.1 Method interferences may be caused by contaminants in solvents, reagents, glassware, and other processing apparatus that lead to discrete artifacts. All these materials must be routinely demonstrated to be free from interferences under conditions of the analysis by running laboratory method blanks as described in the Quality Control section. Specific selection of reagents may be required to avoid introduction of contaminants.

4.2 Visual interferences or anomalies (such as foaming, emulsions, odor, more than one layer of extract, etc.) must be documented.

4.3 The most common interference is laboratory contamination, which may arise from impure reagents, dirty glassware, improper sample transfers, dirty work areas, etc. Be aware of potential sources of contamination and take appropriate measures to minimize or avoid them.

5.0 Safety

Employees must abide by the policies and procedures in the Environmental Health and Safety Manual, Radiation Safety Manual and this document. This procedure may involve hazardous material, operations and equipment. This SOP does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of the method to follow appropriate safety, waste disposal and health practices under the assumption that all samples and reagents are potentially hazardous. Safety glasses, nitrile gloves, lab coats and closed-toe, nonabsorbent shoes are a minimum.

5.1 Specific Safety Concerns or Requirements

5.1.1 In order to limit the emission of methylene chloride, Eurofins Denver uses a solvent recovery system. The system condenses and collects methylene chloride that has been evaporated off the sample extracts while on the S-EVAP.

5.1.1.1 Each analyst must inspect the system before using it to ensure the collection tubes are in good condition, the in-process tanks are not full, and the chiller is operating correctly.

5.1.1.2 While concentrating methylene chloride or methylene chloride / acetone extracts on the S-Evap, the analyst must check the level of the solvent collected in the in-process tanks at a frequency to ensure the tank will not be overfilled. A tank will not be filled more than 90%. The analyst may use a timer set at 30 minute intervals to help remind the analyst to check the level of the solvent collected in the in-process tanks.

5.1.1.3 The solvent recovery system will never be used for the collection of ether due to the potential danger to analysts if the system were to fail during operation.

5.1.2 Glasswool is a carcinogen and therefore should be handled in a hood to avoid inhalation of dust.

5.2 Primary Materials Used

The following is a list of the materials used in this method, which have a serious or significant hazard rating. **Note: This list does not include all materials used in the method. The table contains a summary of the primary hazards listed in the SDS for each of the materials listed in the table.** A complete list of materials used in the method can be found in the reagents and materials section. Employees must review the information in the SDS for each material before using it for the first time or when there are major changes to the SDS.

Material	Hazards	Exposure Limit (1)	Signs and Symptoms of Exposure
Acetonitrile	Flammable Irritant Poison	40 ppm TWA	Exposure may cause cyanide poisoning resulting in reddening of the skin and eyes and pupil dilation. Effects of overexposure are often delayed due to the slow formation of cyanide ions in the body. May cause nose and throat irritation, flushing of the face, tightening of the chest. Also may cause headache, nausea, abdominal pain, convulsions and shock.
Hexane	Flammable Irritant	50 ppm TWA	Causes irritation to eyes, skin and respiratory tract. Aspiration hazard if swallowed. Can enter lungs and cause damage. May cause nervous system effects. Breathing vapors may cause drowsiness and dizziness. Causes redness and pain to the skin and eyes.
Methanol	Flammable Irritant Poison	200 ppm TWA	Methanol evaporates at room temperature. Inhalation, ingestion and/or eye and skin contact can all possibly cause light-headedness, nausea, headache, and drowsiness. Prolonged exposure can lead to permanent blindness.
Acetone	Flammable	1000 ppm- TWA	Inhalation of vapors irritates the respiratory tract. May cause coughing, dizziness, dullness, and headache.
Mercury	Corrosive Irritant Highly Toxic	0.05 mg/m^3 TWA	May be fatal if inhaled. May cause respiratory tract irritation. May be harmful if absorbed through skin. May cause skin irritation.
Methylene Chloride	Irritant Carcinogen	25 ppm TWA 125 ppm STEL	Causes irritation to respiratory tract. Has a strong narcotic effect with symptoms of mental confusion, light-headedness, fatigue, nausea, vomiting, and headache. Causes irritation, redness, and pain to the skin and eyes. Prolonged contact can cause burns. Liquid degreases the skin. May be absorbed through skin.

(1) Always add acid to water to prevent violent reactions.
(2) Exposure limit refers to the OSHA regulatory exposure limit.

6.0 Equipment and Supplies

NOTE 1: All glassware used in this procedure is cleaned following SOP DV-OP-0004 *Glassware Washing of Organic Analysis Applications*. In addition, the glassware is rinsed with methylene chloride immediately prior to use. Rotate glassware; do **not** use specific glassware or positions for the MB and LCS/LCSD.

6.1 All equipment IDs for any support equipment (pipettes, thermometers, etc.) must be recorded in the batch record.

6.2 Kuderna-Danish (K-D) flasks.

6.3 Concentrator tubes for K-D flasks, un-graduated, approximately 10 mL.

6.4 Concentrator tubes for K-D flasks, graduated at 1mL, calibration checked before use following the steps detailed in DV-QA-0008 *Volumetric Verification*.

6.5 Snyder columns, 3-ball with ground glass joints at top and bottom

6.6 Manual, adjustable positive-displacement pipette and bottle-top re-pipettor, used to dispense 1 to 20 mL. Calibration is checked following the steps detailed in DV-QA-0008 *Volumetric Verification*.

6.7 Extract Storage Vials – variety of sizes, clear and amber

6.8 Pasteur pipettes – 6 inch and 9 inch in length.

6.9 Stem-less glass funnels

6.10 Glass wool, baked at 400°C for four hours.

6.11 Boiling Chips – contaminant free, approximately 10/40 mesh Teflon®, PTFE. For concentrating extracts to a final volume greater than 1mL.

6.12 Boiling Chips – contaminant free, carborundum #12 granules, for concentrating extracts to a 1mL final volume. These boiling chips are sufficiently small as to not add any error to the 1mL final volume.

6.13 Solvent Recovery System – includes re-circulating chiller, set no higher than 12°C, cooling condensers, Teflon® PTFE tubing and In-Process Tanks with quick-connect attachments

6.14 S-Evap, thermostat controlled water bath

6.15 N-Evap, thermostat controlled water bath with regulated nitrogen supply

6.16 **Computer Software and Hardware**
A list of computer software and hardware used for analysis and data processing is maintained by the QA department at \\Tacorp\corp\QA\QA_Facilities\Denver-QA\Equipment: Master Equipment List.

7.0 Reagents and Standards

Reagent grade chemicals shall be used in all tests. Unless otherwise indicated, it is intended that all reagents shall conform to the specifications of the Committee on Analytical Reagents of the American Chemical Society, where such specifications are available. Other grades may be used, provided it is first ascertained that the reagent is of sufficiently high purity to permit its use without lessening the accuracy of the determination.

7.1 Methylene Chloride

Each lot of solvent is tested following CA-Q-S-001 *Acid and Solvent Lot Testing and Approval Program* or before it is put into use. QA personnel post the list of approved lots at solvent storage areas. If any problems are identified, use of the solvent is suspended until further testing can be done and determines the solvent is acceptable.

7.2 Hexane

For solvents packaged in bottles, each lot of solvent is tested following CA-Q-S-001 *Acid and Solvent Lot Testing and Approval Program* before it is put into use. QA personnel post the list of approved lots at solvent storage areas. If any problems are identified, use of the solvent is suspended until further testing can be done and determines the solvent is acceptable.

7.3 Methanol, HPLC Grade

Each lot of solvent is tested following CA-Q-S-001 *Acid and Solvent Lot Testing and Approval Program* before it is put into use. QA personnel post the list of approved lots at solvent storage areas.

7.4 Acetone

Each lot of solvent is tested following CA-Q-S-001 *Acid and Solvent Lot Testing and Approval Program* before it is put into use. QA personnel post the list of approved lots at solvent storage areas.

7.5 Acetonitrile

Each lot of solvent is tested following CA-Q-S-001 *Acid and Solvent Lot Testing and Approval Program* before it is put into use. QA personnel post the list of approved lots at solvent storage areas.

7.6 Baked Sodium Sulfate, 12-60 mesh
Heat sodium sulfate in a 400°C oven for at least four hours.

7.7 Sulfuric Acid, Concentrated
For use in PCB extract clean-up.

7.8 Florisil Solution, (FlorisilSol)
Add 900mL of hexane to a Class A graduated cylinder. Add 100 mL of Acetone to the same graduated cylinder for a final volume of 1000 mL. Pour the mixture into a 1 L amber bottle.

7.9 Florisil Cartridges,
Purchased ready to use. 1000 mg in 6 mL tube. Stored in a desiccator after opening. Restek part number 24034 or equivalent.

7.10 Anhydrous Silica Gel, 60-100 mesh, (SiGel60-100UA)
Sigma Aldrich part number 23799-1KG or equivalent

7.11 Activated Anhydrous Silica Gel, 60-100 mesh, (Active_SilGel)
Bake Silica Gel from Section 7.10 above at 400°C for at least 4 hours. Store in a desiccator.

8.0 Sample Collection, Preservation, Shipment and Storage

8.1 Sample extracts waiting to be concentrated are stored refrigerated at 0°C - 6°C in glass bottles or flasks and capped with Teflon-lined lids or aluminum foil. Final sample extracts are stored in glass vials with Teflon-lined lids. See Table 3 for details on storage vial types. Final concentrated extracts are stored refrigerated at 0°C - 6°C. Extracts have a holding time of 40 days from the date of extraction to the date of analysis.

8.2 All sample extracts, before or after concentration, are stored separately from standards.

9.0 Quality Control

9.1 The minimum quality controls (QC), acceptance criteria, and corrective actions are described in this section. When processing samples in the laboratory, use the LIMS Method Comments to determine specific QC requirements that apply. For SOPs that address only preparation, QC acceptance limits on the analytical results are not included. Refer to the appropriate SOP that describes the determinative method.

9.1.1 The laboratory's standard QC requirements, the process of establishing control limits, and the use of control charts are described more completely in Eurofins Denver policy DV-QA-003P *Quality Control Program*.

9.1.2 Specific QC requirements for Federal programs, e.g., Department of Defense (DoD), Department of Energy (DOE), etc., are described in Eurofins Denver policy DV-QA-024P *QA/QC Requirements for Federal Programs.* This procedure meets all criteria for DoD QSM unless otherwise stated. Any deviation or exceptions from QSM requirements must have prior approval in the project requirements.

9.1.3 Project-specific requirements can override the requirements presented in this section when there is a written agreement between the laboratory and the client, and the source of those requirements should be described in the project documents. Project-specific requirements are communicated to the analyst via Method Comments in the LIMS and the Quality Assurance Summaries (QAS) in the public folders.

9.1.4 Any QC result that fails to meet control criteria must be documented in a Nonconformance Memo (NCM). The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. This is in addition to the corrective actions described in the following sections.

9.2 Initial Performance Studies

Before analyzing samples, the laboratory must establish a method detection limit (MDL). In addition, an initial demonstration of capability (IDOC) must be performed by each analyst on the instrument he/she will be using. On-going proficiency must be demonstrated by each analyst on an annual basis. See Section 12.0 for more details on detection limit studies, initial demonstrations of capability, and analyst training and qualification.

9.3 Batch Definition

Batches are defined at the sample preparation stage. The batch is a set of up to 20 samples of the same matrix, plus required QC samples, processed using the same procedures and reagents within the same time period. Batches should be kept together through the whole analytical process as far as possible, but it is not mandatory to analyze prepared extracts on the same instrument or in the same sequence. The method blank must be run on each instrument that is used to analyze samples from the same preparation batch. See QC Policy DV-QA-003P *Quality Control Program* for further details.

9.4 Method Blank (MB)

At least one method blank must be processed with each preparation batch. The method blank for batches of aqueous samples consists of reagent water, and for batches of soil samples, consists of Ottawa sand, both of which are free of any of the analyte(s) of interest. The method blank for batches of TCLP and SPLP leachates consists of leach fluid. The method blank is processed and analyzed just as if it were a field sample.

9.5 Laboratory Control Sample (LCS)

9.5.1 At least one LCS must be processed with each preparation batch. For aqueous sample batches, the LCS consists of reagent water to which the analyte(s) of interest are added at known concentration. For soil sample batches, the LCS consists of Ottawa sand to which the analyte(s) of interest are added at a known concentration. For TCLP and SPLP leachates, the LCS consists of leach fluid to which the analyte(s) of interest are added at known concentration. The LCS is carried through the entire analytical procedure just as if it were a sample.

9.5.2 EPA Methods 608, 614, and 625 require a LCS at a 10% frequency. In other words, one LCS is required for a batch of 10 or less samples. A LCSD is required for a batch of 11 or more samples.

9.6 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

9.6.1 One MS/MSD pair must be processed with each preparation batch. A matrix spike (MS) is a field sample to which known concentrations of target analytes have been added. It is prepared in a manner similar to the LCS, but uses a real sample matrix in place of the blank matrix. A matrix spike duplicate (MSD) is a second aliquot of the same sample (spiked exactly as the MS) that is prepared and analyzed along with the sample and matrix spike. Some programs allow spikes to be reported for project-related samples only. Samples identified as field blanks cannot be used for the MS/MSD analysis.

9.6.2 EPA Methods 608, 614, and 625 require one matrix spike for every 10 samples. If the batch has more than 10 samples, then two matrix spikes must be performed. The two matrix spikes are to be performed on two different samples.

9.6.3 If insufficient sample volume is available for MS/MSD, an NCM must be written and a LCSD must be prepared.

9.7 Surrogate Spikes

Every calibration standard, field sample, and QC sample (i.e. method blank, LCS, LCSD, MS, and MSD) is spiked with surrogate compounds.

10.0 Procedure

10.1 One-time procedural variations are allowed only if deemed necessary in the professional judgment of supervision to accommodate variation in sample matrix, radioactivity, chemistry, sample size, or other parameters. Any variation in procedure shall be completely documented using an NCM. The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. The NCM shall be filed in the project file and addressed in the case narrative.

10.2 Any deviations from this procedure identified after the work has been completed must be documented in an NCM, with a cause and corrective action described.

10.3 Critical Procedural Considerations

NOTE: Rotate glassware; do **not** use specific glassware or positions for the MB and LCS/LCSD.

10.3.1 As stated throughout this SOP, analysts must review Method Comments and any applicable QASs before starting work. This review is also documented on the Organic Extraction Checklist (see WI-DV-0009 *Spike/Surrogating and Review Procedure for Organic Extractions*).

10.3.2 Analyst must focus on using clean technique throughout this procedure. Any parts or pipettes that come into direct contact with dirty surfaces should be cleaned or disposed of before coming into contact with the sample.

10.3.3 According to the type of sample and any cleanup procedures needed, different final solvents and volumes will be required. Refer to WI-DV-0009 *Spike/Surrogating and Review Procedure for Organic Extractions* for the appropriate final solvents and final volumes.

10.4 Refer to WI-DV-0009 *Spike/Surrogating and Review Procedure for Organic Extractions* to determine if the extract is to be concentrated by the Kuderna-Danish / N-Evap method described in Section 10.5 and 10.6, the Turbo-Vap method described in Section 10.6.5, or Buchi Syncore Concentrator 10.6.

10.5 Concentration by the Kuderna-Danish Method (S-evap)

10.5.1 Refer to WI-DV-0009 *Spike/Surrogating and Review Procedure for Organic Extractions*. If the extract is to be concentrated to a 1 mL final volume, use a 1 mL graduated concentrator tube. For extracts that are to be concentrated to any other final volume, use an un-graduated concentrator tube.

10.5.2 Assemble the Kuderna-Danish concentrator by attaching the appropriate concentrator tube to the 500 mL K-D flask with a clip. Make sure the attachment

is firm at the joint. While wearing cut-resistant gloves, tighten the joint with your fingertips and thumb. Do NOT over-tighten. Refer to Attachment 3 for configuration of the Kuderna-Danish concentrator.

10.5.3 Rinse the apparatus with methylene chloride. Discard the rinse solvent into the appropriate waste container. Care should be taken to ensure all surfaces of the glass are coated with solvent.

10.5.4 If the extract is to be concentrated to a 1 mL final volume, add 2-3 carborundum granules to the K-D concentrator. If the extract is to be concentrated to a final volume >1 mL, add 1-2 Teflon® boiling chips to each K-D concentrator.

10.5.5 If the sample extracts have not been filtered through sodium sulfate at the time of extraction, or if the sample extract have visible water, then the extracts must be dried at this point. Plug a glass funnel with baked glass wool and add approximately 1 tablespoon of baked sodium sulfate. Rinse the funnel and the sodium sulfate with methylene chloride and place it on top of the K-D. During the quantitative transfer in section 10.5.6 the extract will be filtered through the sodium sulfate.

NOTE 1: Glass wool dust is a carcinogen and therefore glass wool should only be handled in a hood to avoid inhaling any glass particles. Once covered with sodium sulfate, it can be removed from the hood.

NOTE 2: If the extract contains more water than can be easily removed by filtering through 1 tablespoon of sodium sulfate, either more sodium sulfate can be used or a solvent-rinsed separatory funnel can be used to separate the water out of the extract. A NCM should be prepared if this is necessary.

10.5.6 Quantitatively transfer the sample extract to the K-D flask. Transfer the sample label to the K-D flask. Perform a quantitative transfer of the extract by rinsing the sample extract container with methylene chloride and adding the rinse solvent to the K-D. If the extract is being filtered through sodium sulfate, be sure to rinse the sodium sulfate well to ensure no target compounds are left on the sodium sulfate. Allow the solvent to drain from the sodium sulfate into the K-D flask then discard the sodium sulfate.

10.5.7 Turn a three-ball Snyder column upside down and rinse with methylene chloride, then rinse the bottom joint with methylene chloride. Attach the Snyder column to the top of the K-D concentrator as shown in Attachment 3.

10.5.8 Place the K-D concentrator on an s-evap water bath so that the tip of the receiver tube is submerged. The water level should not reach the joint between the concentrator tube and the K-D flask. Refer to WI-DV-0009 *Spike/Surrogating and Review Procedure for Organic Extractions* for the correct water bath temperature. Record both the observed and the corrected temperature on the benchsheet.

10.5.9 For extracts that are methylene chloride or 50/50 methylene chloride/acetone, attach the solvent recovery system tube to the top of the Snyder column. At the appropriate rate of distillation, the balls will actively chatter but the chambers should not flood.

NOTE: At this time, a timer may be set for 30 minute intervals as a reminder to check the in-process solvent tanks.

10.5.10 Remove the K-D concentrator from the water bath. Rinse the Snyder column down with a minimal amount of solvent. If the extract was exchanged, use the exchange solvent to perform the rinse, otherwise use methylene chloride.

10.5.11 Allow the extract to cool to room temperature, about 10 minutes.

10.5.12 After the extract is allowed to cool, if the level of the extract is above the level of the concentrator tube joint, add a fresh boiling chip and return the K-D concentrator to the water bath.

10.5.13 After the extract is cool, remove the Snyder column. Remove the clip holding the K-D flask and concentrator tube together. Use a Kim-wipe to dry the water off of the joint area so that water does not get into the extract. Remove the concentrator tube from the K-D flask and rinse the lower K-D flask joint into the concentrator tube with methylene chloride or the appropriate exchange solvent.

10.6 Nitrogen Evaporation (N-Evap) to Final Concentration.

10.6.1 At the beginning of each shift, the N-evap needles should be wiped clean with a Kim-wipe soaked in methylene chloride to remove any potential contamination. If a needle comes in contact with an extract, then it needs to be cleaned before being used on the next extract.

10.6.2 Place the concentrator tube on the nitrogen evaporator. The temperature of the water bath should be at least 5°C below the boiling temperature of the solvent being evaporated (See Attachment 2). Lower the needle down to the sample so that a small dimple forms on the surface of the solvent. The stream of nitrogen should be gentle enough that it does not cause the extract to splash. Record both the observed and the actual temperature on the benchsheet.

10.6.3 During the course of the evaporation, rinse the sides of the concentrator tube with approximately 1 mL of clean solvent. The rinse should occur when the solvent gets close to the final volume. Concentrate the solvent to just below the final volume and remove from the nitrogen evaporator.

10.6.4 Transfer the extract into the appropriate vial. Refer to WI-DV-0009 *Spike/Surrogating and Review Procedure for Organic Extractions* for the appropriate final volume and correct vial.

10.6.4.1 If the extracts are to have a final volume of 1 mL, they should be in 1 mL graduated concentrator tubes. Using a Pasteur pipette, or a solvent wash bottle, add the appropriate solvent to the tube until the extract meniscus reaches the 1 mL gradation, rinsing the sides of the concentrator tube 3 times once 1mL volume has been reached. Then using the Pasteur pipette transfer the extract to a labeled 2 mL amber glass vial.

10.6.4.2 For extracts with a final volume greater than 1mL, the vials should be calibrated using the manual, adjustable positive-displacement pipette or bottle-top re-pipettor. Document the pipette ID used on the batch record. Pipette the correct volume of clean solvent into the vial and mark the bottom of the meniscus with a thin marker. Discard the solvent. Transfer the extract into the vial using a Pasteur pipette and rinse the concentrator tube with solvent. Transfer the rinse to the vial. Bring the meniscus of the solvent up to the marked line. Cap with a Teflon-lined cap.

NOTE 1: The final concentration and volume measurement steps are critical. Use care when concentrating and make certain that the final volume measurement is accurate.

NOTE 2: Some extracts might not concentrate down to the required final volume. If the extract is very dark and viscous, or an oil layer or precipitate starts to form, a higher final volume can be used. This should be documented in an NCM.

10.6.5 After the extract has been transferred to the appropriate vial, rinse the concentrator tube with methylene chloride before washing per DV-OP-0004 *Glassware Washing of Organic Analysis Applications*. This is important to remove any residual contamination.

10.7 TurboVap Method

10.7.1 Turn on the TurboVap and adjust the water temperature to 40°C. Turn the nitrogen supply on. Record both the observed and the actual temperature on the benchsheet.

10.7.2 Switch the endpoint sensor to “Manual”.

10.7.3 Adjust the water bath level. The water level should be at least 1 inch above the extract level.

10.7.4 At the beginning of each shift, the TurboVap needles should be wiped clean with a Kim-wipe soaked in methylene chloride to remove any potential contamination. If a needle comes in contact with an extract, then it needs to be cleaned before being used on the next extract.

10.7.5 Turn on the nitrogen gas and adjust the gas pressure to approximately 12 psi. Lower pressure may be used if needed to prevent samples from splashing out of the TurboVap tubes.

10.7.6 Rinse the TurboVap tube with methylene chloride or the solvent the extract is in. Discard the waste.

10.7.7 Transfer the sample to the TurboVap tube. Rinse the sample extract container with clean solvent and transfer to the TurboVap tube. Do not fill the TurboVap tubes over the fill line or approximately ¾ full.

10.7.8 Place the TurboVap tube into the TurboVap and turn on nitrogen to the position the tube is in.

10.7.9 Close the lid. You should be able to see the sample extracts swirling in the tubes.

NOTE: If the extract splashes when the nitrogen flow starts, transfer a portion of the extract back into the original extract container, or lower the gas pressure.

10.7.10 As the extract concentrates, transfer the remainder of the extract in to the appropriate Turbovap tube. Rinse the sample container with a few milliliters of methylene chloride or appropriate solvent and transfer to the Turbovap tube.

10.7.11 During the concentration rinse the Turbovap tube walls with a few milliliters of solvent 1 or 2 times.

10.7.12 If a solvent exchange is required, concentrate to about 5 mL and add the exchange solvent. After the exchange solvent is added, swirl the extract to make

sure the extract is well mixed. Concentrate back down to slightly less than the appropriate volume. Refer to Attachment 3 for details of exchange solvents and final volumes.

10.7.13 Transfer the extract into the appropriate vial.

10.7.13.1 For extracts with a final volume of 1 mL. Use the Turbovap tube that is calibrated for 1 mL. The TurboVap is only used to concentrate extracts with final volumes greater than 1 mL. Using a Pasteur pipette, or a solvent wash bottle, add the appropriate solvent to the tube until the extract meniscus reaches the 1 mL gradation, rinsing the sides of the concentrator tube 3 times once 1mL volume has been reached. Then using the Pasteur pipette transfer the extract to a labeled 2 mL amber glass vial.

10.7.13.2 Rinse the Turbovap tube with methylene chloride 2-3 times before washing. Turbovap tubes are not baked. They are cleaned in accordance with DV-OP-0004 *Glassware Washing of Organic Analysis Applications*. If the Turbovap tubes need to be used again before they are dry, rinse with acetone to dry the Turbovap tube.

10.8 Concentration by Buchi Syncore Plus analyst

10.8.1 Refer to WI_DV_009 *Spiking/Surrogating and Review Procedure for Organic Extractions*.

10.8.2 30 minutes before use, adjust the water bath level with DI water. Water level should reach the “MAX” level indicated on the sample platform.

10.8.3 Turn on Recirculating Chiller. Set to 8ºC and press Start. Make sure the coolant tubing is not bent and coolant is not leaking.

10.8.4 Turn on the Syncore Platform. Set Syncore platform heater to the initial temperature of the program. The vacuum cover temperature is automatically set 5ºC less than the platform.

10.8.5 Wipe off the vacuum cover pads with methylene chloride and a kimwipe.

10.8.6 Add clean Teflon Sirr bars (1 1/4x 5/8in) to each Buchi sample vessel to improve evaporation efficiency.

10.8.7 If extracts have visible water filter the samples through methylene chloride rinsed sodium sulfate funnels before transferring the samples to the Buchi sample vessel.

10.8.8 Transfer the sample extracts to the Buchi sample vessel. Transfer the sample label to the sample vessel. Perform quantitative transfer of the extract by rinsing the sample extract container with methylene chloride and adding the rinse solvent to the sample vessel.

10.8.1.1 If the extract contains more than 90mL or 150mL of extract, add the first volume (90mL or 150mL) to the sample vessel, perform the concentration program, then add the second volume of the extract.

10.8.1.2 **Never add more than 150mL to a vessel.**

10.8.9 Place the sample vessels into the heated sample platform and immediately attach the vacuum cover. Tighten the knurl nuts by hand. Do NOT over tighten.

NOTE: If a position on the platform is not used, seal the line using a yellow stopper. If the line is left open, vacuum cannot be reached.

10.8.10 Select the correct program from the "Favorites" submenu. Press START.

10.8.11 Wait a few minutes until the solvent begins to collect from the primary condenser. The vessels can be let unattended while concentrating. When the program is finished the vacuum will slowly release. The final volume is protected by the cold bath within the platform.

NOTE: The flush back module contains coolant and is placed between the heated platform and vacuum cover. The top portion of each vessel is cooled, causing the vaporized solvent to condense on the glass and rinse the walls throughout the concentration process.

10.8.12 Once the program has finished and the solvent has stopped collecting in the condenser. Press AERATE to release the vacuum. When the vacuum pressure is >800mbar, remove the vacuum cover.

10.8.13 Extracts should be concentrated to the 1mL mark on the sample vessel. If the method requires a solvent exchange continue to section 10.8.1.15; otherwise proceed to section 10.8.1.17.

10.8.14 If the method requires a solvent exchange, remove the sample vessel from the sample platform, add appropriate exchange solvent, replace the vessel in the sample platform, and start the appropriate program.

10.8.15 When the program ends Press **AERATE**. When the vacuum is >800mbar, remove the vacuum cover.

10.8.16 Transfer the concentrated extract into a vial using a Pasteur pipette and rinse the sample vessel with solvent. Transfer the rinse to the vial.

10.8.17 After the concentration process has finished, dry out the lines by selecting **Operating>Continuous Pumping**. The home screen will appear, Press **START** to start the drying process. When the solvent is removed from the lower pump diaphragm Press **STOP**.

10.8.18 To empty the solvent from the primary and secondary condensers, unscrew the safety clip holding the round bottom flask to the condenser stack. Dispose of the waste in the appropriate Waste Stream.

10.8.19 Wipe down the pads on the vacuum cover.

10.8.20 Rinse the sample vessels with methylene chloride 2-3 times before washing. Do not bake the Buchi tubes, they are cleaned in accordance with DV-OP-0004 *Glassware washing of Organic Analysis Applications*.

10.9 Cleanup Techniques

NOTE: If any sample in a batch requires a clean-up, the batch QC must also undergo the same clean-up technique.

10.9.1 Florisil Cartridge Cleanup

Florisil can be used to remove low-medium molecular weight polar hydrocarbon interfering compounds from pesticide extracts. The laboratory will use Florisil cleanups whenever water extracts have any color, whenever soil extracts have any color darker than a Post-It® Note, or whenever there is clear evidence of interferences, such as significant interfering peaks in the RT range for the target

pesticide compounds or failing sample surrogate recoveries. Extracts that are to be analyzed for kepone will not be florisil cleaned, because florisil will remove kepone from the extract.

NOTE: Florisil cartridge performance checks are conducted for every lot of Florisil before use. Add 1.0 mL of the Florisil check solution described in Attachment 4 to a pre-rinsed Florisil cartridge. Following the procedure described below, load and elute the 1mL of check solution through the Florisil cartridge. Bring the final volume back down to 1.0 mL in hexane. The test sample must show 80-115 % recovery of the controlled analytes with < 5% trichlorophenol recovery, and no peaks interfering with target compounds can be detected. The non-controlled analytes will be monitored for problems, but do not have to pass the 80-115% limits. If the check fails, repeat the test. If the re-check fails, contact QA for guidance.

10.9.1.1 Clean the manifold and ports
Prior to each use, the top and underside of the manifold lid must be wiped down with hexane and a Kim-wipe to prevent any cross-contamination. The manifold ports must be left open and placed in a jar with fresh acetonitrile, in a sonication bath for a minimum of 30 minutes. The jar used in the soak and sonication of the ports must be replaced after every use to ensure it does not spread contamination. This is documented in the Organic Extraction Weekly Cleaning Logbook.

10.9.1.2 Place one Florisil cartridge into the vacuum manifold for each extract. Make sure all valves are closed.

10.9.1.3 Add approximately 6 mL of hexane to each cartridge by filling the tube.

10.9.1.4 Slowly open the valves to allow a few drops of hexane to pass through, then close the valve and allow the hexane to soak the cartridge for at least 5 minutes.

10.9.1.5 Slowly open the valves again and allow the hexane to drain through the cartridge but close the valve when the solvent level is right above the glass frit. Do not allow the cartridges to go dry. If cartridges go dry, repeat the conditioning step.

10.9.1.6 Remove the manifold top and place one clean, labeled 16 x 125 mm disposable glass test tube in each position for each of the samples. Replace the manifold top. Make sure that the solvent line from each cartridge is placed inside the appropriate tube.

10.9.1.7 Add exactly 2.0 mL of the concentrated extract to the appropriate Florisil cartridge. Turn the valve to the on position.

10.9.1.8 Allow the extract to gravity drip through the cartridge. The flow through the cartridges should be drop-wise, not streaming.

10.9.1.9 Just before the extract level drops below the glass frit, fill the cartridge with (90:10) Florisil solution. Allow this to pass through the cartridge, then just before it falls below the glass frit again, fill the cartridge again with (90:10) Florisil solution.

10.9.1.10 Allow all of the 90:10 solution to gravity drip through the cartridges.

10.9.1.11 After visible solvent has been allowed to gravity drip through the cartridge, apply the vacuum to pull remaining solvent through cartridge, typically no more than 5 seconds.

NOTE: Do not use the vacuum to recover solvent from the cartridge before gravity drip is complete. Doing so could result in the interfering compounds that should be retained in the packing to come through into the cleaned extract.

10.9.1.12 Remove the tubes from the vacuum manifold and concentrate them back down to just below 2.0 mL on the nitrogen evaporator. Quantitatively transfer the extract to a 4mL vial that has been calibrated to hold 2.0 mL and bring the extracts up to the 2.0 mL calibration mark with hexane.

10.9.1.13 Discard the used cartridges.

10.9.2 Sulfur Removal

NOTE: This step is typically performed by the instrument analyst, as it is performed after extracts are concentrated to final volume.

Sulfur can be removed by one of three methods: mercury, copper, or tetrabutylammonium sulfite (TBA), according to laboratory preference. If the sulfur concentration is such that crystallization occurs in the concentrated extract, centrifuge the extract to settle the crystals, and carefully draw off the sample extract with a disposable pipette, leaving the excess sulfur in the centrifuge tube. Transfer the extract to a clean concentrator tube before proceeding with further sulfur cleanup.

10.9.2.1 Sulfur Removal with Elemental Mercury

NOTE: Use Mercury in a hood and sparingly in order to minimize exposure and disposal costs.

10.9.2.2 Transfer approximately 2 mL of sample extract into a clean Teflon-sealed vial.

10.9.2.3 Add one to three drops of mercury to the extract vial and seal.

10.9.2.4 Shake well for 15-30 seconds. If prolonged shaking is required, use a mechanical shaker.

10.9.2.5 Remove the extract from the mercury using a disposable pipette and transfer to a clean vial.

10.9.2.6 If the mercury turns black, sulfur was present. Decant or pipette off the extract to a clean vial and repeat the procedure by adding one to three drops of fresh mercury. Do this until the mercury does not turn black.

10.9.2.7 If the extract is cloudy, filter the extract through a 1um disposable syringe filter.

10.9.2.8 Properly dispose of the mercury waste.

10.9.3 Sulfur Removal with Copper Powder

NOTE: This technique requires the copper powder to be very reactive, as demonstrated by a bright and shiny appearance. A pre-cleaned, activated copper may be purchased from a valid vendor. If manual preparation of reactive copper is performed, take care to remove all traces of acid in order to prevent

degradation of some analytes.

10.9.3.1 Weigh out copper into a 20 mL VOA VIAL assuming two grams of copper needed per sample.

10.9.3.2 Remove oxides by treating with 10% nitric acid.

10.9.3.3 Rinse the copper with DI organic-free water three times to remove all traces of acid.

10.9.3.4 Rinse the copper with acetone and dry under a stream of nitrogen.

10.9.3.5 Add approximately 2 grams of the copper powder to a 2 mL vial with approximately 1ml of sample extract and shake vigorously on a mechanical shaker for at least one minute.

10.9.3.6 After phase separate, draw off extract and transfer to a clean vial.

10.9.4 Sulfuric Acid Cleanup

NOTE: This step is typically performed by the instrument analyst, as it is performed after extracts are concentrated to final volume.

10.9.4.1 Add 1 mL of concentrated sulfuric acid to approximately 2 mL of sample extract in a Teflon capped vial.

CAUTION: There must be no water or acetone present in the extract or the reaction may shatter the sample container.

10.9.4.2 Vortex for about 5 seconds and allow to settle. (Centrifuge if necessary)

10.9.4.3 Remove the sample extract (top layer) from the acid using a Pasteur pipette and transfer to a clean vial.

CAUTION: It is not necessary to remove all the extract since the final volume is already determined. Transferring any amount of sulfuric acid along with the extract will result in extremely rapid degradation of the chromatographic column

10.9.4.4 If the sulfuric acid layer becomes highly colored after shaking with the sample extract, transfer the hexane extract to a clean vial and repeat the cleanup procedure until color is no longer being removed by the acid, or a maximum of 5 acid cleanups.

10.9.4.5 Properly dispose of the acid waste.

10.9.5 Silica Gel Clean-up for DRO extracts

NOTE: Please note that some projects require analysis of extract that has been silica gel cleaned as well as analysis of extract that has not been cleaned. Due to the limited final volume of the extract, samples requiring analysis of both cleaned and un-cleaned extract must be extracted twice, and in separate batches with separate QC.

10.9.5.1 Add approximately 0.05 g of activated silica gel to the extract, cap, and vortex for approximately 15 seconds. Allow the silica gel to settle.

10.9.5.2 Transfer the extract to a new vial, leaving the silica gel behind. Submit for analysis.

10.10 Documentation
All observations are recorded either directly into LIMS or on the hard-copy benchsheets. Any hand-written data recorded on the hard-copy benchsheets are transferred into LIMS before extracts are delivered to the analytical group. The hard-copy benchsheets are then saved and scanned into pdf files and sent to QA for archiving.

10.11 Maintenance
The chiller that operates the solvent recovery system should be checked periodically to ensure the water level is sufficient.

10.12 Troubleshooting

10.12.1 Unusual sample matrix may cause problems. If the extracts do not behave normally, contact a supervisor or senior analyst if you are unsure how to proceed. Document all observations and anomalies in a NCM.

10.12.2 If there is condensation in the Buchi vacuum cover, increase vacuum cover temperature, contact a supervisor or senior analyst if you are unsure how to proceed. Document all observations and anomalies in an NCM. See Syncore Application Guide Section 5.7 for details on cleaning the glass plate of the vacuum cover.

10.12.3 If samples are foaming or splashing on the Buchi, install PE Frits to protect the vacuum cover and prevent solvent from entering the vacuum cover.

11.0 Calibration

Not applicable to this procedure. See the determinative methods for calibration of the analytical instrumentation.

12.0 Method Performance

12.1 *Method Detection Limit Study (MDL)*
The method detection limit (MDL) is the lowest concentration that can be detected for a given analytical method and sample matrix with 99% confidence that the analyte is present. The MDL is determined according to the laboratory's MDL policy in CA-Q-S-006 *Detection and Quantitation Limits*. MDLs reflect a calculated (statistical) value determined under ideal laboratory conditions in a clean matrix, and may not be achievable in all environmental matrices. The laboratory maintains MDL studies for analyses performed; these are verified at least annually unless method or program requirements require a greater frequency.

12.2 *Demonstration of Capabilities*
All personnel are required to perform an initial demonstration of proficiency (IDOC) on the instrument they will be using for analysis prior to testing samples. On-going proficiency must be demonstrated annually. IDOCs and on-going proficiency demonstrations are conducted as follows.

12.2.1 Four aliquots of the QC check sample are analyzed using the same procedures used to analyze samples, including sample preparation. The concentration of the QC check sample should be equivalent to a mid- level calibration.

12.2.2 Calculate the average recovery and standard deviation of the recovery for each analyte of interest.

12.2.3 If any analyte does not meet the acceptance criteria, the test must be repeated. Only those analytes that did not meet criteria in the first test need to be evaluated. TNI 2009 requires consecutive passing results. Repeated failure for any analyte indicates the need for the laboratory to evaluate the analytical

procedure and take corrective action.

12.2.4 Until the IDOC is approved by the QA Manager (or designee); the trainer and trainee must be identified in the batch record.

12.2.5 Further details concerning demonstrations of proficiency are described in SOP DV-QA-0024 *Training*.

13.0 Training Requirements

The Group Leader is responsible for ensuring that this procedure is performed by an associate who has been properly trained in its use and has the required experience. A new analyst must be working under documented supervision prior to approval of the IDOC. Documentation that a new analyst is performing under supervision must be entered into the batch record (View Batch Information) until that analyst's IDOC has been approved by the QA Manager (or designee). See requirements for demonstration of analyst proficiency in SOP DV-QA-0024 *Training*.

14.0 Pollution Control

It is Eurofins Denver's policy to evaluate each method and look for opportunities to minimize waste generated (i.e., examine recycling options, ordering chemicals based on quantity needed, preparation of reagents based on anticipated usage and reagent stability). Employees must abide by the policies in Section 13 of the Corporate Safety Manual for "Waste Management and Pollution Prevention."

15.0 Waste Management

15.1 All waste will be disposed of in accordance with Federal, State, and local regulations. Where reasonably feasible, technological changes have been implemented to minimize the potential for pollution of the environment. Employees will abide by this procedure, the policies in Section 13 of the NDSC HSE Manual, and Policy DV-HS-001P *Waste Management Plan*.

15.2 The following waste streams are produced when this method is carried out:

15.2.1 Methylene chloride – Waste Stream B

15.2.2 Flammable Solvents – Waste Stream C

15.2.3 1:1 MeCl2:Acetone – Waste Stream CA

15.2.4 Solid waste/sodium sulfate – Waste Stream D

16.0 References / Cross-References

16.1 Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, Third Edition and all promulgated updates, U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response, January 2005.

16.1.1 Method 3510C, Separatory Funnel Liquid-Liquid Extraction, Revision 3, December 1996.

16.1.2 Method 3550B, Ultrasonic Extraction, Revision 2, December 1996.

16.1.3 Method 3550C, Ultrasonic Extraction, Revision 3, February 2007.

16.1.4 Method 3546, Microwave Extraction, Revision 0, February 2006.

16.1.5 Method 3620C, Florisil Cleanup, Revision 3, February 2007.

16.1.6 Method 3660B, Sulfur Cleanup, Revision 2, December 1996.

16.1.7 Method 3660A, Sulfur Cleanup, Revision 1, July 1992.

16.1.8 Method 3665A, Sulfuric Acid/Permanganate Cleanup, Revision 1, December 1996.

16.1.9 Method 3630C, Silica Gel Cleanup, Revision 3, December 1996.

16.2 *Code of Federal Regulations, Title 40 – Protection of the Environment, Part 136 – Guidelines Establishing Test Procedures for the Analysis of Pollutants, Appendix A – Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater*

16.2.1 Method 608, Organochlorine Pesticides and PCBs.

16.2.2 Method 610, Polynuclear Aromatic Hydrocarbons.

16.2.3 Method 614, The Determination of Organophosphorus Pesticides in Municipal and Industrial Wastewater

16.2.4 Method 625, Base/Neutrals and Acids.

16.3 ASTM D7065-11, Standard Test Method for Determination of Nonylphenols, Bisphenol A, p-tert-Octylphenol, Nonylphenol Monoethoxylate, and Nonylphenol Diethoxylate in Environmental Waters by Gas Chromatography Mass Spectrometry Method Modifications:

16.4 Buchi Syncore Application Guide, January 2012

17.0 Modifications

17.1 Method SW-846 3665A calls for the clean-up to be performed using 1:1 Sulfuric Acid: H2O. This procedure calls for the clean-up to be performed using concentrated sulfuric acid.

17.2 ASTM D7065-11 calls for the samples to be concentrated to a 0.5 mL final volume. This procedure calls for a 1 mL final volume.

17.3 Method SW-846 3620C calls for the florisil lot check to be performed using a standard containing the some pesticides at various concentrations from 5 ug/L to 50 ug/L. Per the source method, 1 mL of the standard is diluted to 2 mL (for concentrations between 2.5 ug/L and 25 ug/L) and the cleanup is then carried out and the cleaned extract concentrated to 1 mL for a final concentration of 5 ug/L to 50 ug/L. This procedure calls for the lot check to be performed using a standard containing all the pesticides at the same concentration of 50 ug/L. 1 mL of this standard is cleaned up without prior dilution and then concentrated back down to 1 mL.

17.4 Method SW-846 3620C states that the florisil lot check passes if the pesticide recoveries are between 80% and 110% recovery. This procedure says the lot check passes if the pesticide recoveries are between 80% and 115%. This is done to match the CCV control limits.

17.5 Method SW-846 3620C Section 11.1.3 states to condition the florisil cartridge with 4 mL of hexane. This procedure calls for 5 mL of hexane to be used. This is done for convenience.

17.6 Method SW-846 3630C calls for the silica gel clean-up to be performed with a column or SPE cartridge. This procedure calls for the silica gel to be added directly to the extract and mixed.

18.0 Attachments

Attachment 1: Determinative and Extraction Methods Used in Conjunction with this SOP.
Attachment 2: Boiling Points of Solvents
Attachment 3: Kuderna-Danish Concentrator
Attachment 4: Schematic set-up of Syncore Analyst System

19.0 Revision History

This section has been added beginning with Revision 0. Only details of the last two revisions are incorporated into this SOP. Prior revisions are documented in the QA files and available upon request.

Revision 18, dated 25 March 2024

- Updated copyright information.
- Changed Eurofins Testamerica to Eurofins Denver throughout.
- Updated references to NDSC documents throughout
- Removed section 6.0 references to LL methods
- Updated **Note** in Section 10.5.2
- Removed 610 references in 9.5.2
- Removed Section 10.5.10
- Removed Section 10.5.11.
- Updated procedure in section 10.9.1.1
- Removed Section 10.11.2
- Updated procedure in Section 10.11.3
- Removed Section 10.11.4
- Added Section 10.7.4
- Removed Section 16.5
- Removed attachment 4

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Revision 17, dated 8 January 2023

- Updated copyright information.
- Changed Eurofins Testamerica to Eurofins Denver throughout.
- Updated Section 10.4 to reference Buchi Syncore Concentrator.
- Updated Note in Section 10.5.9.
- Updated Section 10.7.6 to removes references to 8141 soxhlets.
- Updated all text for Section 10.7.12.1
- Updated Section 10.8 including all subsections.
- Removed section 10.9.4.1 along with its subsections. 10.9.4.2 and 10.9.4.3 have adjusted section numbers.
- Updated text in all subsections of 10.12.
- Removed Section 14.3.
- Removed reference to soxhlets from Section 15.
- Added Section 15.4.
- Updated text in Section 16.7.
- Updated Attachment 1 to removed OK DRO
- Updated Attachment 1 to add reference to SW-846 3546 and DV-OP-0016.

Attachment 1.

Determinative and Extraction Methods Used in Conjunction with this SOP

Method Description	Determinative Method	Determinative Method SOP	Extraction Method	Extraction Method SOP
Diesel Range Organics & Jet Fuels	SW-846 8015B, 8015C, 8015D, Method, & AK102 & AK103,	DV-GC-0027	WATER: SW-846 3510C, AK102 AK103 NW-TPH SOIL: SW-846 3550B/C SW-846 3546 AK102, AK103	WATER: DV-OP-0006 SOIL: DV-OP-0016 or DV-OP-0015
Chlorinated Pesticides	SW-846 8081A, 8081B & EPA Method 608	DV-GC-0020 DV-GC-0016	WATER: SW-846 3510C SOIL: SW-846 3550B/C SW-846 3546	WATER: DV-OP-0006 SOIL: DV-OP-0016 or DV-OP-0015
Polychlorinated Biphenyls	SW-846 8082, 8082A EPA Method 608	DV-GC-0021 DV-GC-0016	WATER: SW-846 3510C SOIL: SW-846 3550B/C SW-846 3546	WATER: DV-OP-0006 SOIL: DV-OP-0016 or DV-OP-0015
Organo-phosphorus Pesticides	SW-846 8141A, 8141B, & EPA Method 614	DV-GC-0017	WATER: SW-846 3510C SOIL: SW-846 3546	WATER: DV-OP-0006 SOIL: DV-OP-0016
Semi-volatiles by GC/MS	SW-846 8270C, 8270D & EPA 625	DV-MS-0011 DV-MS-0012	WATER: SW-846 3510C SOIL: SW-846 3550B/C	WATER: DV-OP-0006 or SOIL: DV-OP-0016
Low-Level Semi-Volatiles by GC/MS	SW-846 8270C	DV-MS-0011	WATER: SW-846 3510C	WATER: DV-OP-0006
Polynuclear Aromatic Hydrocarbons by GC/MS SIM	SW-846 8270C SIM	DV-MS-0002	WATER: SW-846 3510C SOIL: SW-846 3550B/C SW-846 3546	WATER: DV-OP-0006 SOIL: DV-OP-0016 or DV-OP-0015
Isotope Dilution Analysis of n-Nitrosodimethylamine by GCMS SIM using LVI	SOP	DV-MS-0015	WATER: SW-846 3510C SOIL: SW-846 3550B/C	WATER: DV-OP-0021 SOIL: DV-OP-0016

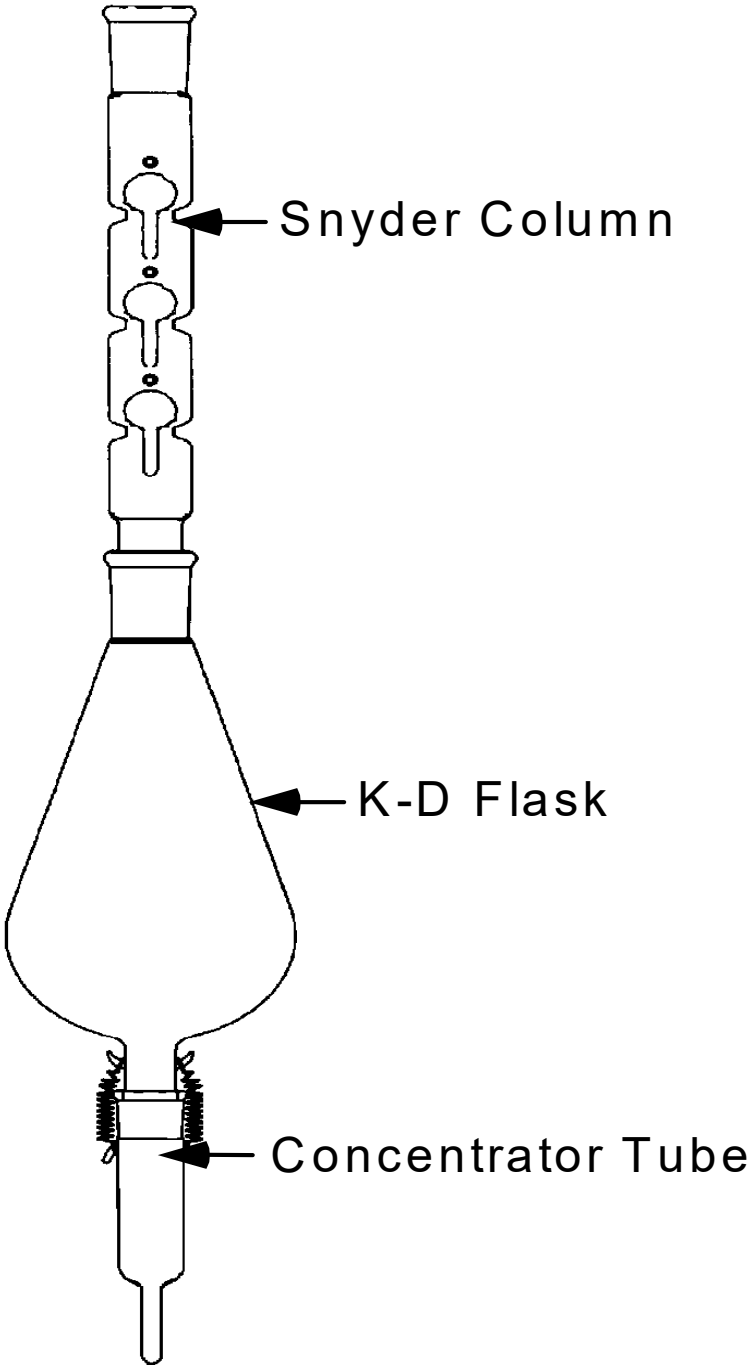
Attachment 2.

Boiling Points of Solvents

Solvent	Boiling Point (°C)
Methylene chloride	40
Acetone	56
Hexane	69
Methanol	65
Acetonitrile	82

Attachment 3.

Kuderna-Danish Concentrator



Attachment 4:

Schematic set-up of a Syncore Analyst System

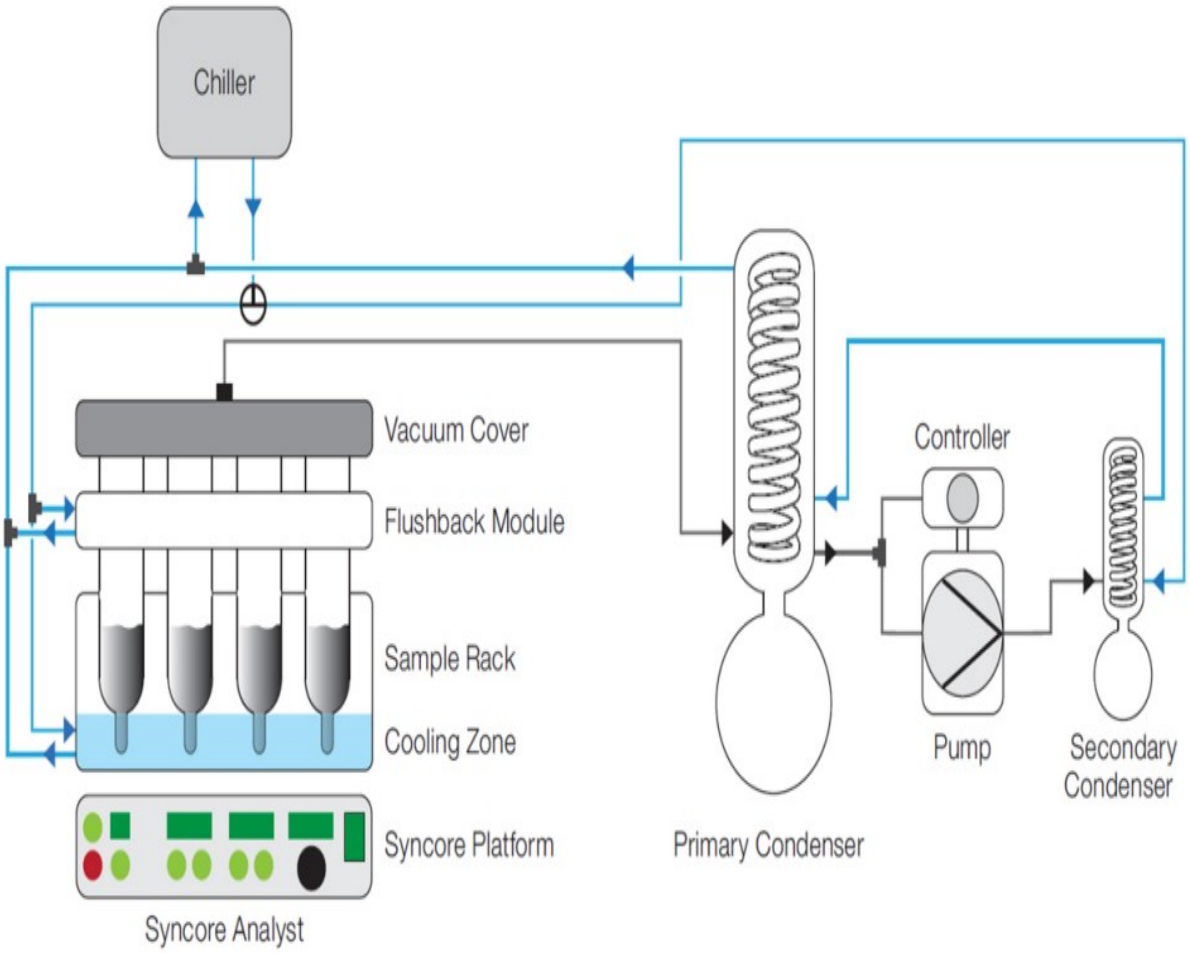


Figure 13. Schematic set-up of a Syncore® Analyst System including a pump and a chiller. Blue lines represent the cooling water loop.

Electronic Copy Only

Title: Microwave Extraction of Solid Samples by Method SW-846 3546

Approvals (Signature/Date):

Nicole Cross 11/25/23 Nicole Cross Date Technical Specialist	Reed Pottruff 11/27/2023 Reed Pottruff Date Health & Safety Manager / Coordinator
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1.0 Scope and Application

1.1 This SOP is applicable to the solvent extraction of organic compounds from solid samples using microwave energy to produce elevated temperature and pressure conditions in a closed vessel containing the sample and organic solvent. This procedure achieves analyte recoveries equivalent to those from soxhlet or sonication methods, but uses less solvent. This SOP is based on SW-846 Method 3546.

1.2 The determinative methods used in conjunction with this procedure are listed in Table 1. This extraction procedure may be used for additional methods when appropriate solvents and spiking mixtures are used.

1.3 This procedure does not include the concentration and cleanup steps. See SOP DV-OP-0007 *Concentration and Clean-up of Organic Extracts* for those details.

2.0 Summary of Method

A measured weight of sample, typically 15 g, is solvent extracted using a microwave extractor.

3.0 Definitions

Refer to the Glossary of the Eurofins Denver Quality Assurance Manual (QAM) and policy DV-QA-003P *Quality Control Program* for definitions of general analytical and QA/QC terms.

3.1 **Extraction Holding Time**: The elapsed time expressed in days from the date of sample collection to the date the extraction starts. The holding time is tracked in the laboratory LIMS system, and is the primary basis of prioritizing work.

3.2 **Preparation Batch**: A group of up to 20 samples that are of the same matrix and are processed together in the same extraction event using the same procedure and lots of reagents and standards

3.3 **Method Comments:** The Method Comments are used to communicate to the bench level chemists special requirements and instructions from the client. Please reference WI-DV-0032 *Guidelines for Setting up Method Comments* for details on Method Comments.

3.4 **Quality Assurance Summary (QAS)**: Certain clients may require extensive specific project instructions or program QC, which are too lengthy to fit conveniently in the Method Comments field in LIMS. In these situations, laboratory Project Managers describe the special requirements in a written QAS to address these requirements. QASs are posted on a public drive for easy accessibility by all lab employees. Normally, QASs are introduced to analysts in an initial project kick-off meeting to be sure that the requirements are understood.

3.5 **Aliquot**: A part that is a definite fraction of a whole; as in “take an aliquot of a sample for testing or analysis.” In the context of this SOP, “aliquot” is also used as

a verb, meaning to take all or part of a sample for preparation, extraction, and/or analysis.

4.0 Interferences

4.1 Chemical and physical interferences may be encountered when analyzing samples using this method.

4.2 Method interferences may be caused by contaminants in solvents, reagents, glassware, and other processing apparatus that lead to discrete artifacts. All these materials must be routinely demonstrated to be free from interferences under conditions of the analysis by running laboratory method blanks as described in the Quality Control section of this SOP (Section 9). Specific selection of reagents may be required to avoid introduction of contaminants.

4.3 Visual interferences or anomalies (such as foaming, emulsions, odor, etc.) must be documented.

4.4 The most common interference is laboratory contamination, which may arise from impure reagents, dirty glassware, improper sample transfers, dirty work areas, etc. Be aware of potential sources of contamination and take appropriate measures to minimize or avoid them.

4.5 Paint chips are an especially difficult matrix to extract. Oftentimes the paint chips dissolve or partially dissolve in solvents and therefore can ruin glassware and extraction vessels. It is the laboratory's experience that paint chips are best extracted by method SW-846 3580 instead of 3550C or 3546.

5.0 Safety

Employees must abide by the policies and procedures in the Environmental Health and Safety Manual, Radiation Safety Manual and this document. This procedure may involve hazardous material, operations and equipment. This SOP does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of the method to follow appropriate safety, waste disposal and health practices under the assumption that all samples and reagents are potentially hazardous. Safety glasses, gloves, lab coats and closed-toe, nonabsorbent shoes are a minimum.

5.1 Specific Safety Concerns or Requirements

5.1.1 A post-run cool down must be used after each extraction to prevent the possibility of operator burns. Pressure builds up in the closed vessel at high temperatures. Care should be taken when opening the vessel when it is above room temperature.

5.1.2 Samples that contain metal fragments or metal components of any kind should not be extracted by this procedure. These samples should be extracted by method SW-846 3550C instead. Care should be taken to inspect samples carefully as they are aliquoted.

5.1.3 Eye protection that satisfies ANSI Z87.1 (as described in the Corporate Safety Manual), laboratory coat, and appropriate gloves must be worn while performing this procedure. Nitrile gloves shall be worn when handling solvents; latex gloves may be worn when handling samples only; and cut resistant gloves shall be worn when washing glassware.

5.2 Primary Materials Used

The following is a list of the materials used in this method, which have a serious or significant hazard rating. Note: This list does not include all materials used in the method. The table contains a summary of the primary hazards listed in the SDS for each of the materials listed in the table. A complete list of materials used in the method can be found in the reagents and materials section. Employees must review the information in the SDS for each material before using it for the first time or when there are major changes to the SDS.

Material (1)	Hazards	Exposure Limit (2)	Signs and Symptoms of Exposure
Methylene Chloride	Carcinogen Irritant	25 ppm (TWA) 125 ppm (STEL)	Causes irritation to respiratory tract. Has a strong narcotic effect with symptoms of mental confusion, light-headedness, fatigue, nausea, vomiting, and headache. Causes irritation, redness, and pain to the skin and eyes. Prolonged contact can cause burns. Liquid degreases the skin. May be absorbed through skin.
Acetone	Flammable	1000 ppm (TWA)	Inhalation of vapors irritates the respiratory tract. May cause coughing, dizziness, dullness, and headache.
Nitric Acid	Corrosive Oxidizer Poison	2 ppm (TWA) 4 ppm (STEL)	Nitric acid is extremely hazardous. It is corrosive, reactive, an oxidizer, and a poison. Inhalation of vapors can cause breathing difficulties and lead to pneumonia and pulmonary edema, which may be fatal. Other symptoms may include coughing, choking, and irritation of the nose, throat, and respiratory tract. Can cause redness, pain, and severe skin burns. Concentrated solutions cause deep ulcers and stain skin a yellow or yellow-brown color. Vapors are irritating and may cause damage to the eyes. Contact may cause severe burns and permanent eye damage.
Hexane	Flammable	50 ppm (TWA)	Prolonged or repeated contact with skin can cause defatting and dermatitis. Contact with eyes can cause redness, tearing, and blurred vision. Exposure can cause lung irritation, chest pain, and edema, which may be fatal.

(1) Always add acid to water to prevent violent reactions.
(2) Exposure limit refers to the OSHA regulatory exposure limit.

6.0 Equipment and Supplies

All equipment IDs for any support equipment (pipettes, thermometers, etc.) must be recorded in the batch record.

6.1 Equipment

6.1.1 Microwave extractor. Mars5: MarsExpress™CEM MARS® and Microwave extractor. Mars6: MarsExpress Plus™ CEM MARS®

At least once a year, power measurement calibration should be performed at 400 W, 800 W, and 1600 W. This calibration can be performed by the vender or by Eurofins Denver staff following the instructions in the Operations Manual for the microwave.

6.1.2 Microwave extraction vessels. 75 mL Teflon™ Express vessels with stopper and cap (CEM Corp.) in addition to 110 mL borosilicate glass tubes accompanying 110 mL Teflon™ Express Plus vessels with stopper and cap (CEM Corp).

6.1.3 Hand wrench or capping station to tighten the caps on the extraction vessels.

6.1.4 MARS 40 position carousel (CEM Corp) and 20 position carousel (CEM Corp)

6.1.5 Balance, >1400-g capacity, accurate to ± 0.1 g, calibrated daily per SOP DV-QA-0014 *Selecting and Using Balances*.

6.2 Supplies

6.2.1 Media bottles, 100 mL or 250 mL capped with aluminum foil.

6.2.2 Stainless steel conical funnels

6.2.3 Ashless cellulose filter paper

6.2.4 Pipetter with disposable 1.0-mL tips, calibrated daily per SOP DV-QA-0008 *Volumetric Verification.*

6.2.5 Metal spatulas or tongue depressors.

6.2.6 Solvent dispenser pump.

6.2.7 Filter flask.

6.2.8 Vacuum pump.

6.2.9 Washing tool for Teflon™ extractor vessels. This tool is a long thin sponge-like brush.

6.2.10 Magnet.

6.3 Computer Software and Hardware

Please refer to the master list of documents, software and hardware located on R:\QA\Read\Master List of Documents\Master List of Documents, Software and Hardware.xls or current revision for the current software and hardware to be used for data processing.

7.0 Reagents and Standards

Reagent grade chemicals shall be used in all tests. Unless otherwise indicated, it is intended that all reagents shall conform to the specifications of the Committee on Analytical Reagents of the American Chemical Society, where such specifications are available. Other grades may be used, provided it is first ascertained that the reagent is of sufficiently high purity to permit its use without lessening the accuracy of the determination.

7.1 Methylene chloride – Each lot of solvent is tested following CA-Q-S-001 *Acid and Solvent lot Testing and Approval Program* before it is put into use. QA personnel post the list of approved lots at solvent storage areas.

7.2 Acetone - Each lot of solvent is tested following CA-Q-S-001 *Acid and Solvent lot Testing and Approval Program* before it is put into use. QA personnel post the list of approved lots at solvent storage areas.

7.3 Hexane - Each lot of solvent is tested following CA-Q-S-001 *Acid and Solvent lot Testing and Approval Program* before it is put into use. QA personnel post the list of approved lots at solvent storage areas.

7.4 Baked Sodium Sulfate, 12-60 mesh - Heat sodium sulfate in a 400°C oven for at least four hours. QA personnel post the list of approved lots at solvent storage areas.

7.5 Baked Ottawa Sand – Heat Ottawa sand in a 400°C oven for at least four hours.

7.6 35% Nitric Acid – Dilute concentrated (70%) Nitric Acid 1:1 in water.

7.7 Standards - Please reference SOP DV-OP-0020 *Preparation, Verification, and Storage of Organic Prep Surrogate and Spike Standards* and WI-DV-0009 *Spike/Surrogating and Review Procedure for Organic Extractions* for information regarding the surrogate and spike standards used in this procedure.

8.0 Sample Collection, Preservation, Shipment and Storage

Sample container, preservation techniques and holding times may vary and are dependent on sample matrix, method of choice, regulatory compliance, and/or specific contract or client requests. Listed below are the holding times and the references that include preservation requirements.

Matrix	Sample Container	Min. Sample Size	Preservation	Holding Time [1]	Reference
Soils for Method 8082A[2]	Glass with Teflon-lined lids	15 grams	Cool, ≤ 6°C	None	SW-846
Wipes for Method 8082A[2]	Glass with Teflon-lined lids	N/A	Cool, ≤ 6°C	None	SW-846
Soils for all other Methods, including 8082	Glass with Teflon-lined lids	15 grams	Cool, ≤ 6°C	14 days	SW-846
Wipes for all other Methods, including 8082	Glass with Teflon-lined lids	N/A	Cool, ≤ 6°C	14 days	SW-846
Soils for Method 8141	Glass with Teflon-lined lids	15 grams	Cool, ≤ 6°C	7 days	SW-846

[1] Exclusive of analysis.

[2] Some regulatory agencies do not accept SW-846 Revision 4 of Chapter 4 and will require the 14 day holding time for Method 8082. The states of Alabama, California, Colorado, Connecticut, Nevada, New Jersey, Pennsylvania, and Rhode Island require the 14 day holding time for Method 8082.

9.0 Quality Control

9.1 The minimum quality controls (QC), acceptance criteria, and corrective actions are described in this section. When processing samples in the laboratory, use the LIMS Method Comments to determine specific QC requirements that apply. For SOPs that address only preparation, QC acceptance limits on the analytical results are not included. Refer to the appropriate SOP that describes the determinative method.

9.1.1 The laboratory's standard QC requirements, the process of establishing control limits, and the use of control charts are described more completely in Eurofins Denver policy DV-QA-003P *Quality Control Program*.

9.1.2 Specific QC requirements for Federal programs, e.g., Department of Defense (DoD), Department of Energy (DOE), etc., are described in Eurofins Denver policy DV-QA-024P *QA/QC Requirements for Federal Programs*. This procedure meets all criteria for DoD QSM unless otherwise stated. Any deviation or exceptions from QSM requirements must have prior approval in the project requirements.

9.1.3 Project-specific requirements can override the requirements presented in this section when there is a written agreement between the laboratory and the client, and the source of those requirements should be described in the project documents. Project-specific requirements are communicated to the analyst via Method Comments in the LIMS and the Quality Assurance Summaries (QAS) in the public folders.

9.1.4 Any QC result that fails to meet control criteria must be documented in a Nonconformance Memo (NCM). The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends.

The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. This is in addition to the corrective actions described in the following sections.

9.2 Initial Performance Studies

Before analyzing samples, the laboratory must establish a method detection limit (MDL). In addition, an initial demonstration of capability (IDOC) must be performed by each analyst on the instrument he/she will be using. On-going proficiency must be demonstrated by each analyst on an annual basis. See Section 13 for more details on detection limit studies, initial demonstrations of capability, and analyst training and qualification.

9.3 Batch Definition

Batches are defined at the sample preparation stage. The batch is a set of up to 20 samples of the same matrix, plus required QC samples, processed using the same procedures and reagents within the same time period. Batches should be kept together through the whole analytical process as far as possible, but it is not mandatory to analyze prepared extracts on the same instrument or in the same sequence. The method blank must be run on each instrument that is used to analyze samples from the same preparation batch. See QC Policy DV-QA-003P *Quality Control Program* for further details.

9.4 Method Blank (MB)

9.4.1 A method blank must be processed with each preparation batch. The method blank is processed and analyzed just as if it were a field sample.

9.4.2 The method blank consists of 15 g of baked Ottawa sand free of any of the analyte(s) of interest.

9.5 Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD)

9.5.1 At least one LCS must be processed with each preparation batch. The LCS is carried through the entire analytical procedure just as if it were a sample.

9.5.2 The LCS consists of 15 g of baked Ottawa sand to which the analyte(s) of interest are added at known concentration.

9.5.3 Method AK102 requires LCS and a LCSD for every batch for every spike compound.

9.6 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

9.6.1 One MS/MSD pair must be processed with each preparation batch. A matrix spike (MS) is a field sample to which known concentrations of target analytes have been added. It is prepared in a manner similar to the LCS, but uses a real sample matrix in place of the blank matrix. A matrix spike duplicate (MSD) is a second aliquot of the same sample (spiked exactly as the MS) that is prepared and analyzed along with the sample and matrix spike. Some

programs allow spikes to be reported for project-related samples only. Samples identified as field blanks cannot be used for the MS/MSD analysis.

9.6.2 If insufficient sample volume is available for MS/MSD, an NCM must be written and a LCSD must be prepared.

9.6.3 DoD requires the MS/MSD to be assigned by the client. When there is no assigned MS/MSD or there is not enough sample volume provided a LCSD must be prepared.

9.7 Surrogate Spikes

Every calibration standard, field sample, and QC sample (i.e. method blank, LCS, LCSD, MS, and MSD) is spiked with surrogate compounds.

10.0 Procedure

10.1 One-time procedural variations are allowed only if deemed necessary in the professional judgment of supervision to accommodate variation in sample matrix, radioactivity, chemistry, sample size, or other parameters. Any variation in procedure shall be completely documented using an NCM. The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. The NCM shall be filed in the project file and addressed in the case narrative.

10.2 Any deviations from this procedure identified after the work has been completed must also be documented as a nonconformance, with a cause and corrective action described.

10.3 Critical Procedural Considerations

10.3.1 As stated throughout this SOP, analysts must review the LIMS Method Comments and any applicable QASs before starting work. This review is also documented on the Organic Extraction Checklist (see WI-DV-0009 *Spike/Surrogating and Review Procedure for Organic Extractions*).

10.3.2 Analysts must focus on using clean technique throughout this procedure. Any parts or pipettes that come into direct contact with dirty surfaces or any other beaker or media bottle than the designated one should be cleaned or disposed of before coming into contact with the sample.

NOTE: Rotate glassware; do **not** use specific glassware, equipment or positions for the MB and LCS/LCSD.

10.4 Periodic cleaning.

10.4.1 **Mars5 Express Microwave Extractor. CEM Mars** At least once every four weeks, the extraction vessels must be cleaned using a “Clean Method” on the microwave. The method is under the User Directory with the settings

that follow:

- Sample Type: Inorganic
- Control Type: Ramp to Temperature
- Power: 100%
- Ramp: 5 minutes to 180°C
- Hold: 10 minutes

10.4.2 **Mars6 Express Plus Microwave Extractor. CEM Mars** At least once every four weeks, the extraction vessels must be cleaned using a "Clean Method" on the microwave. The method is under the Classic Method, "Cleanup2" with the settings that follow:

- Sample Type: Inorganic
- Control Type: Ramp to Temperature
- Stage 1
- Power: 1600%
- Ramp: 15 minutes to 180°C
- Hold: 10 minutes
- Temperature guard : 200°C

10.4.3 Fill each tube with 30 mL of the nitric acid solution described in Section 7 and cap tightly. Place the tubes in the carousel, then run the "Clean Method"

10.4.4 Allow the vessels to cool, and then dispose of the nitric acid in waste stream J. Rinse the vessel with DI water three times.

10.4.5 Fill each tube with 30 mL of 1:1 Methylene Chloride: Acetone solution and cap tightly. Place the tubes in the carousel, then run the "Clean Method" again.

10.4.6 Allow the vessels to cool, and then dispose of the solvent in waste stream CA. Allow the vessels to air dry.

10.5 Assemble and Clean the Extraction Tubes Immediately Before Use.

10.5.1 If the microwave tube, cap, or plugs are wet, pre-rinse with acetone.

10.5.2 Rinse the microwave tube, cap and plug twice with methylene chloride. The plugs can be placed in a large glass jar to help facilitate the rinse.

10.5.3 Discard the solvent in the correct waste stream.

10.6 Aliquot Samples

10.6.1 If the sample is a soil, mix and homogenize samples according to the instructions provided in SOP DV-QA-0023 *Subsampling*. If the sample is a wipe, transfer the wipe to the extraction vessel.

10.6.2 All sample aliquots must be screened with a magnet before transferring to the microwave vessel. This ensures no metal material is present in the sample aliquot. Wrap the magnet in clean parchment paper and pass over the sample a minimum of three times to ensure no metal material is present. Refer to section 5.1.2 if the sample cannot be extracted by method 3546.

NOTE: Any metal materials that are put into the microwave extractor can arc and cause a potential fire. This procedure helps prevent hazard and damage to the extraction equipment.

10.6.3 Label microwave vessel with the sample ID, method, and batch number. The label needs to be flat.

10.6.4 Do not use specific vessels or carousel positions for the MB and LCS.

10.6.5 For each MB and LCS sample, weigh 15 g to 17 g of baked Ottawa sand into labeled beakers, clean pre-cut parchment paper,or similarly clean glass intermediary containers. Record a nominal weight of 15 g in the initial volume field, but record the actual weight to the nearest 0.1 g in the notes column.

10.6.6 For each sample and MS/MSD, weigh 15 g to 17 g of sample into labeled beakers, clean pre-cut parchment paper,or similarly clean glass intermediary containers with a lid. Record the weight to the nearest 0.1 g directly into LIMS or hand record the weight on the benchsheet.

NOTE: For wipe samples, the original sample containers that the wipes are received in should be used in place of the intermediary sample containers described above.

10.6.7 Add approximately 5 grams (1 teaspoon) of sodium sulfate to each sample and mix. If sample has high water content or is clay like additional sodium sulfate may be added. Mix until a free-flowing state is reached. Non-homogenous samples must be documented in a NCM.

10.6.8 Place each sample not a labeled corresponding vessel, using a funnel to prevent spillage and loss of sample. Cover samples until ready for spiking procedure with either foil or vessel lids.

10.7 Prepare a bottle with a bottle-top dispenser with the appropriate solvent(s).

10.7.1 Methylene Chloride is used for soil and wipe samples for the following methods:

- SW-846 8015B

- SW-846 8015C
- SW-846 8015D

10.7.2 For 8141, 8081, and 8082 soil extraction the solvents used are 1:1 acetone and hexane.

10.7.3 For soil extraction by all other methods, the solvents used are 1:1 mixture of acetone and methylene chloride. These are added separately.

10.7.4 For wipe samples by method 8081 and 8082, the solvent used is hexane.

10.7.5 For wipe samples by method 8270 SIM, the solvent used is a 1:1 mixture of methylene chloride and acetone.

10.8 Add Surrogate and Spike Solutions

NOTE: The standards should be allowed to come to room temperature before spiking the samples.

NOTE: The addition of spikes and surrogates to samples must be done only immediately after a second analyst has reviewed the batch. Reference work instruction WI-DV-0009 *Spike/Surrogating and Review Procedure for Organic Extractions*.

10.8.1 Only one batch should be surrogated at a time to ensure the correct standards are used and to ensure the solvent is added as soon as possible to the samples. Document the standards and pipette(s) used on the benchsheet.

10.8.2 Using a calibrated pipette, add the appropriate volume of the appropriate working surrogate standard (see WI-DV-0009 *Spike/Surrogating and Review Procedure for Organic Extractions*) to the intermediary container for each field sample and QC sample. Verify the ID of the standard used on the benchsheet.

10.8.3 Using a calibrated pipette, add the appropriate volume of the appropriate working spike standard (see WI-DV-0009 *Spike/Surrogating and Review Procedure for Organic Extractions*) to the intermediary container for each field sample and QC sample. Verify the ID of the standard used on the benchsheet.

10.9 Slowly add approximately 30 mL of the appropriate solvent to the vessel. See section 10.7 for appropriate solvent for each method.

NOTE: The solvent should be added as soon as possible after the addition of the surrogate and spiking standards to prevent loss of the more volatile compounds.

10.10 15 mL of 1:1 methylene chloride and acetone is added to container for wipe samples by method 8270 SIM.

NOTE: The solvent should completely cover and saturate the sample. Additional solvent may be needed depending on the matrix of the individual sample. The sample and solvent must not fill more than 2/3 of the vessel.

NOTE: If the sample matrix appears to be unusual, or especially wet, the combined sample/solvent mixture can be equally divided between two or three separate microwave extraction vessels. The vessels will be extracted independently, but the extracts will be re-combined before concentration. This will prevent the extraction vessels from over-heating and venting if the sample is unusually wet, oily, or bulky (if a 15 g aliquot would fill the tube more than ¾ full). If the sample is split into two or three separate vessels, document this in an NCM.

NOTE: For method 8270, the mixed/wetted sample or QC will be transferred into borosilicate glass tubes. The glass tubes are then inserted into the retaining vessel and capped for extraction.

10.11 Seal the vessels by placing the plug on top of the vessel, small side down, and hand tighten the cap over the plug.

NOTE: Care should be taken to ensure that the plug, the cap, and the threads of the vessel are clean of any material or debris.

10.12 After being sealed, the vessels must be inverted several times to ensure that the material is well mixed and saturated. It is recommended that when extracting with 100% methylene chloride to vent and re-cap the vessels before continuing to relieve excess pressure and thereby preventing the vessels from venting during the extraction.

10.13 Load vessels into the carousel.

10.13.1 There must be at least 8 vessels in the carousel. Adding blank vessels with sand and solvent may be necessary.

10.13.2 Balance the tubes around the carousel to ensure that all samples are exposed to an equal amount of energy during the extraction. See Attachment 1 for details. Only samples using the same extraction solvent should be placed in the same carrousel and run at the same time.

10.13.3 For the vessels to be correctly loaded in the carousel the cap should completely touch the top of the carousel with no other part of the extraction vessel visible.

10.14 Place the carousel into the microwave, making sure that it sits on the turning apparatus correctly. The carousel should be able to rotate. Close the door.

10.15 Mars5 Express: The Method Menu screen should indicate “Start Current Method” as being 3546 Full Xpress. Press the green “Start/Pause” button to begin the extraction.

NOTE: If a different method is shown, go to the “Load Method” on the menu screen. Choose “User directory” and place the cursor on the desired

method. Press the “Home” button to return to the main menu, where the test highlighted will appear under the “Start Current Method”.

10.15.1 The method is under the User Directory with the settings that follow:

- Sample Type: Organic
- Control Type: Ramp to Temperature
- Power: 100% (1600 W)
- Ramp: 30 minutes to 100°C
- Hold: 10 minutes
- Cool down: 20 minutes

10.16 Mars6 ExpressPlus: The “One Touch Method” menu should be selected. Next, the “CEM 3546 glass 110C” method should be selected. At the bottom right hand corner of the screen should be a green “start” selection. Press the green “Start” button to begin the extraction.

NOTE: If a different method is shown, press the back arrow, found on the bottom left hand of the screen” until you reach the appropriate menu.

10.16.1 The method is under the CEM 3546 glass 110C” program with the settings that follow:

- Sample Type: Organic
- Control Type: Ramp to Temperature
- Stage 1
- Power: 500-1600W
- Ramp: 30 minutes to 100°C
- Hold: 10 minutes
- Cool Down: 20 minutes

10.16.2 When the extraction is complete, the vessels will need to return to room temperature prior to opening the vessels. The microwave will indicate the approximate temperature of the vessels.

CAUTION: If the carousel is removed from the microwave before the vessels are at room temperature, do NOT open the vessels. The vessels may be placed in a rack outside of the microwave to cool down.

10.16.3 The microwave contains a solvent sensor that will indicate the presence of solvent in the microwave and will stop the extraction. To minimize this, care needs to be taken not to overfill the vessel and to properly cap and tighten the vessel prior to extraction. If the solvent sensor indicates the presence of solvent, open the door and inspect the tops of the tubes for evidence of a solvent leak. If solvent has vented or leaked out of an extraction vessel, the sample must be re-aliquoted and the extraction

started over. It is best to re-aliquot the sample into two or three separate extraction vessels to prevent over-heating again. Document this in an NCM.

10.17 Assemble and Clean Filter Funnels and Media Jars.

10.17.1 Without gloves on, fold an 18 cm diameter cellulose filter paper in quarters. Open the folds to create a cone. Place the filter paper in the bottom of a conical stainless steel funnel. Place the funnel on a 100 mL, 250mL, or 500mL media bottle or concentration vessel if concentration will take place in the same day of the extraction.

10.17.2 Place approximately 1 tablespoon of baked sodium sulfate in the funnel. Rinse all surfaces of the funnel, the filter and the sodium sulfate with the extraction solvent (see Section 10.7), so all surfaces of the funnel, filter, and sodium sulfate are rinsed.

NOTE: When preparing glassware for the extraction of wipe samples, sodium sulfate is not necessary and the solvent used in the rinse should be the solvent used in the extraction of the wipe samples. (Normally hexane for methods 8081 and 8082).

10.17.3 Allow the solvent to drain completely into the media bottle or concentration vessel. Swirl the media bottle to ensure all surfaces come into contact with the solvent. Add additional solvent to the rinse if necessary.

10.17.4 Pour the solvent out of the media bottle over the stem of the stainless steel funnel to rinse the funnel stem.

10.17.5 Discard the solvent in the correct waste stream.

10.18 Filter the Extracts

10.18.1 After the extraction method is complete and the vessels reach room temperature, quantitatively transfer the entire sample through solvent rinsed sodium sulfate funnels and into the media jar or concentration vessel. The quantitative transfer is performed by rinsing the microwave extraction vessel at least three times with solvent.

NOTE: The quantitative rinse is vital in order to achieve good recoveries. The rinses should be significant enough that when done, the extract volume is between 75 mL and 100 mL.

NOTE: If the sample aliquot was split between two or three tubes, the extracts from all the tubes shall be combined at this time. Filter all of the extracts through the same sodium sulfate funnel and collect in the same media jar.

10.18.2 Once the solvent has completely drained into the collection apparatus, rinse the funnel contents with 10 to 20 mL of additional solvent. Dispose of the solid sample and sodium sulfate into Waste Stream D and cap the media jar with aluminum foil.

10.19 If the extract contains visible solids, it will be necessary to filter the extract again prior to concentration.

10.20 Store the extract refrigerated at ≤ 6°C until concentration. Ensure that the extracts in 1:1 Methylene chloride:acetone are placed in a flammable rated refrigerator.

10.21 Handwritten notes on the benchsheet are entered into LIMS, and the transcribed data must be verified by a second person. This verification is documented on the Organic Extraction Checklists (see WI-DV-009 *Spike/Surrogating and Review Procedure for Organic Extractions*).

10.22 All glassware and microwave tubes, plugs, and caps are washed according to DV-OP-0004 *Glassware Washing of Organic Analysis Applications*.

10.23 Maintenance

10.23.1 As needed, wipe out the inside and outside of the microwave with a damp cloth.

10.23.2 See Section 10.4 for vessel cleaning.

10.23.3 At least once a year, power measurement calibration should be performed at 400 W, 800 W, and 1600 W. This calibration can be performed by the vender or by Eurofins Denver staff following the instructions in the Operations Manual for the microwave.

10.24 Troubleshooting

10.24.1 If it appears that the solvent sensor is malfunctioning, ensure that the sensor is aligned at a 45 degree upward angle on the back of the unit.

10.24.2 The snorkel vent should be set inside of a hood, but care should be taken so that the opening is not blocked. Make sure the snorkel does not press against the back of the hood.

11.0 Calibration

Not applicable to this procedure.

12.0 Calculations / Data Reduction

Not Applicable.

13.0 Method Performance

13.1 Method Detection Limit Study (MDL)

The method detection limit (MDL) is the lowest concentration that can be detected for a given analytical method and sample matrix with 99% confidence that the analyte is present. The MDL is determined according to the laboratory's MDL policy in CA-Q-S-006 *Detection and Quantitation Limits*. MDLs reflect a calculated (statistical) value determined under ideal laboratory conditions in a clean matrix, and may not be achievable in all environmental matrices. The laboratory maintains MDL studies for analyses performed; these are verified at least annually unless method or program requirements require a greater frequency.

13.2 Limit of Quantitation Verification (LOQV)

The verification of the limit of quantitation (LOQ or LLOQ) is performed quarterly for work performed according to the DoD/DOE QSM or for programs which require the use of Method 8270D, Revision 5. A blank matrix is spiked at 1-2 the laboratory RL and carried through the entire preparation and analytical procedures. Recoveries are assessed based on historical limits.

13.3 Demonstration of Capabilities

All personnel are required to perform an initial demonstration of proficiency (IDOC) on the instrument they will be using for analysis prior to testing samples. On-going proficiency must be demonstrated annually. IDOCs and on-going proficiency demonstrations are conducted as follows.

13.3.1 Four aliquots of the QC check sample are analyzed using the same procedures used to analyze samples, including sample preparation. The concentration of the QC check sample should be equivalent to a mid- level calibration.

13.3.2 Calculate the average recovery and standard deviation of the recovery for each analyte of interest.

13.3.3 If any analyte does not meet the acceptance criteria, the test must be repeated. Only those analytes that did not meet criteria in the first test need to be evaluated. TNI 2009 requires consecutive passing results. Repeated failure for any analyte indicates the need for the laboratory to evaluate the analytical procedure and take corrective action.

13.3.4 Until the IDOC is approved by the QA Manager (or designee); the trainer and trainee must be identified in the batch record.

13.3.5 Further details concerning demonstrations of proficiency are described in SOP DV-QA-0024 *Training*.

13.4 Training Requirements

The Group Leader is responsible for ensuring that this procedure is performed by an associate who has been properly trained in its use and has the required experience. A new analyst must be working under documented supervision prior to approval of the IDOC. Documentation that a new analyst is performing under supervision must be entered into the batch record (View Batch Information) until that analyst's IDOC has been approved by the QA Manager (or designee). See requirements for demonstration of analyst proficiency in SOP DV-QA-0024 *Training*.

14.0 Pollution Control

The volume of spike solutions prepared is minimized to reduce the volume of expired standard solutions requiring hazardous waste disposal.

15.0 Waste Management

15.1 All waste will be disposed of in accordance with Federal, State, and Local regulations. Where reasonably feasible, technological changes have been implemented to minimize the potential for pollution of the environment. Employees will abide by this method, the policies in section 13 of the Environmental Health and Safety Manual for "Waste Management and Pollution Prevention", and the Waste Management procedure, DV-HS-001P *Waste Management Plan*.

15.2 Waste Streams Produced By This Method

15.2.1 Methylene chloride – Waste Stream B

15.2.2 1:1 MeCl2:Acetone – Waste Stream CA

15.2.3 Flammable solvent – Waste Stream C

15.2.4 Solid waste/sodium sulfate – Waste Stream D

15.2.5 Nitric Acid Waste – Waste Stream J

15.2.6 Expired Standards/Reagents – Contact Waste Coordinator for guidance

NOTE: Radioactive, mixed waste and potentially radioactive waste must be segregated from non-radioactive waste as appropriate. Contact the Radioactive Waste Coordinator for proper management of radioactive or potentially radioactive waste generated by this procedure.

16.0 References / Cross-References

16.1 SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, Method 3456 Microwave Extraction, Revision 0, February 2007.

16.2 NWTPH-HCID "Hydrocarbon Identification Method for Soil and Water", Manchester Environmental Laboratory, Dept of Ecology, State of Washington.

17.0 Method Modifications:

17.1 SW-846 Method 3546 calls for samples to be either air-dried and ground or mixed with sodium sulfate prior to extraction. This procedure does not call of the air-drying of samples unless requested by the client as this may lead to loss of the more volatile compounds. Sodium sulfate is not used in the extraction vessel, rather the extracts are dried with sodium sulfate after extraction and prior to concentration. Salts are known to superheat when exposed to microwave energy.

17.2 SW-846 Method 3546 calls for samples to be aliquoted on a balance capable to weighing to 0.01 g. This SOP calls for a balance capable to weighing to 0.1 g as this is sufficient to report data to 3 significant figures.

17.3 SW-846 Method 3546 Section 1.4 states “2-20 g of material is usually necessary and can be accommodated by this extraction procedure.” This SOP calls for 30-33 g of material.

17.4 SW-846 Method 3546 Section 11.7 states “Add approximately 25 mL of the appropriate solvent system to the vessel.” This SOP calls for the addition of 25-30 mL of solvent.

18.0 Attachments

Table 1: Determinative Methods Using Microwave Extraction

Attachment 1: Proper Carousel Loading

19.0 Revision History

This section has been added beginning with Revision 0. Only details of the last two revisions are incorporated into this SOP. Prior revisions are documented in the QA files and available upon request.

- Revision 15, dated 29 November, 2023
  - 10.6.5 Updated the extraction procedure for the use of parchment paper for weighing out samples.
  - 10.6.6 Updated the extraction procedure for the use of parchment paper for weighing out samples.
  - 10.6.7 Updated the sodium sulfate measurement and all non-homogenous samples need to be documented.

- Revision 14, dated 28 July, 2023
  - Annual Review.
  - Section 10.6.2 updated the procedure to screen for metal material.
  - Section 6.2.10 Updated equipment and materials.
  - Updated copyright information.
  - Section 10.6.3 Note removed for reference of 8270.
  - Section 10.12 Note removed for reference of 8270.
  - Section 10.18.1 Note removed for reference of 8270.
  - Section 10.18.2 Note removed for reference of 8270
  - Section 18.0 removed reference of NWTPH_Dx.

TABLE 1.

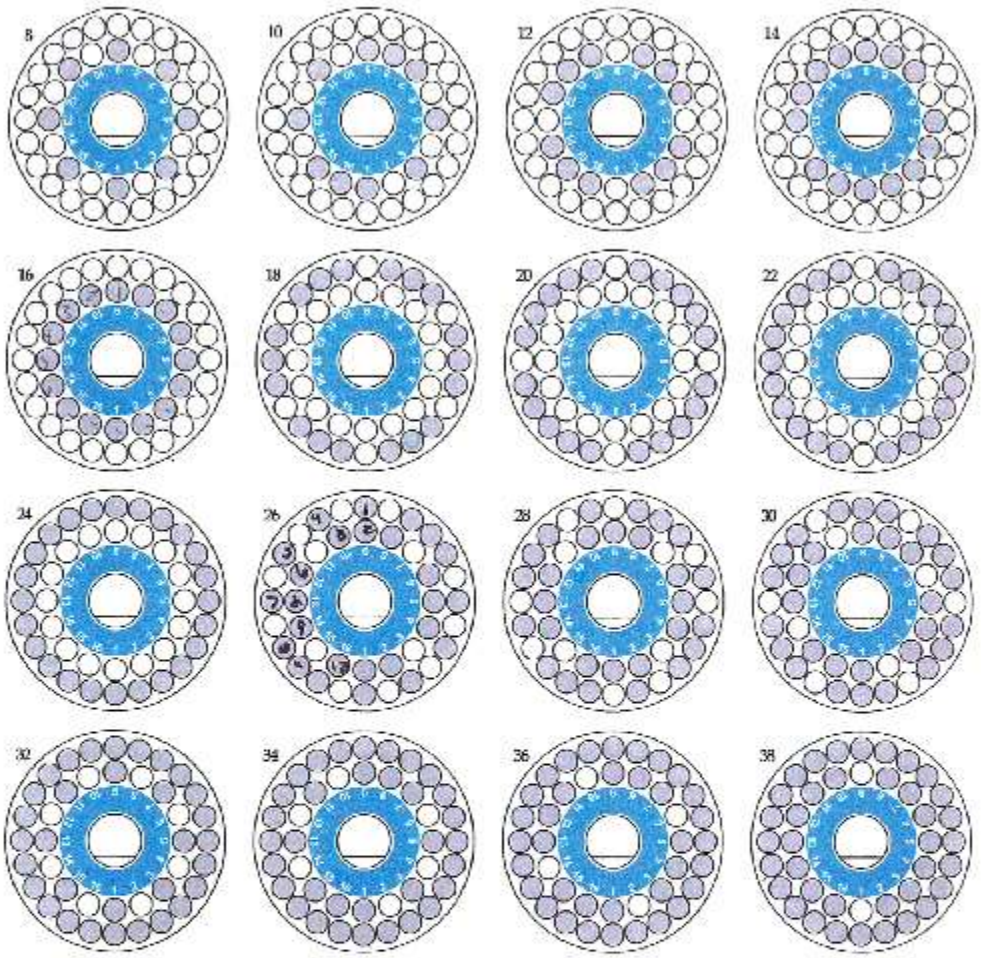
Determinative Methods Using Microwave Extraction

Method Description	Determinative Method	SOP
Chlorinated Pesticides	SW-846 8081A SW-846 8081B	DV-GC-0020
Organophosphorus Pesticides	SW-846 8141B	DV-GC-0017
Polychlorinated Biphenyls (PCBs)	SW-846 8082 SW-846 8082A	DV-GC-0021
Diesel and Residual Range Organics	SW-846 8015B SW-846 8015C SW-846 8015D NWTPH-Dx AK102 AK103	DV-GC-0027
Polynuclear Aromatic Hydrocarbons by GC/MS SIM	SW-846 8270C SIM SW-846 8270D SIM	DV-MS-0002
Low-Level NDMA by Isotope Dilution, GC/MS SIM, Large Volume Injection	SW-846 8270C/D SIM	DV-MS-0015

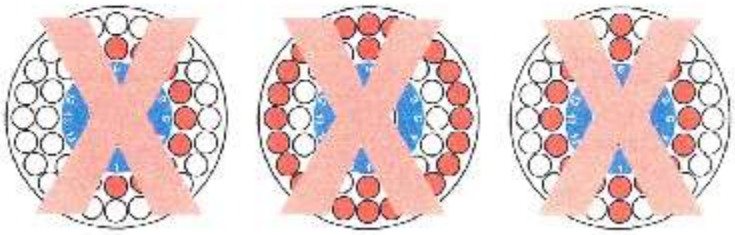
ATTACHMENT 1.

Proper Carousel Loading

Recommended distribution of MARSXpress vessels when turntable is less than capacity



Incorrect distribution: What not to do



Electronic Copy Only

Title: Ultrasonic Extraction of Solid Samples [SW-846 3550B & 3550C]

Approvals (Signature/Date):

Nicole Cross 11/25/2023 Nicole Cross Date Technical Specialist	Reed Pottruff 11/27/2023 Reed Pottruff Date Health & Safety Manager / Coordinator
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1.0 Scope and Application

1.1 This SOP is applicable to the solvent extraction of organic compounds from solid samples, including wipes, using sonication (i.e., ultrasonic extraction). This SOP is based on SW-846 Method 3550B and 3550C.

1.2 The determinative methods used in conjunction with this procedure are listed in Table 1. This extraction procedure may be used for additional methods when appropriate spiking mixtures and extraction solvents are used.

1.3 This procedure does not include the concentration and cleanup steps. See SOP DV-OP-0007 *Concentration and Clean-up of Organic Extracts* for those details.

2.0 Summary of Method

A measured weight of sample, typically 30 g, is mixed with anhydrous sodium sulfate to form a free flowing powder. This mixture is solvent extracted three times using an ultrasonic horn.

3.0 Definitions

Refer to the Glossary of the Eurofins Denver Quality Assurance Manual (QAM) and policy DV-QA-003P *Quality Control Program* for definitions of general analytical and QA/QC terms.

3.1 **Extraction Holding Time**: The elapsed time expressed in days from the date of sample collection to the date the extraction starts. The holding time is tracked in the laboratory LIMS system, and is the primary basis of prioritizing work.

3.2 **Preparation Batch**: A group of up to 20 samples that are of the same matrix and are processed together in the same extraction event using the same procedure and lots of reagents and standards

3.3 **Method Comments:** The Method Comments are used to communicate to the bench level chemists special requirements and instructions from the client.

3.4 **Quality Assurance Summary (QAS)**: Certain clients may require extensive specific project instructions or program QC, which are too lengthy to fit conveniently in the Method Comments field in LIMS. In these situations, laboratory Project Managers describe the special requirements in a written QAS to address these requirements. QASs are posted on a public drive for easy accessibility by all lab employees. Normally, QASs are introduced to analysts in an initial project kick-off meeting to be sure that the requirements are understood.

3.5 **Aliquot**: A part that is a definite fraction of a whole; as in “take an aliquot of a sample for testing or analysis.” In the context of this SOP, “aliquot” is also used as a verb, meaning to take all or part of a sample for preparation, extraction, and/or analysis.

4.0 Interferences

4.1 Chemical and physical interferences may be encountered when analyzing samples using this method.

4.2 In order to extract especially wet solids, the initial sample weight might have to be reduced in order to achieve a free-flowing mixture with the sodium sulfate. This can raise the reporting limits and method detection limits.

4.3 Method interferences may be caused by contaminants in solvents, reagents, glassware, and other processing apparatus that lead to discrete artifacts. All these materials must be routinely demonstrated to be free from interferences under conditions of the analysis by running laboratory method blanks as described in the Quality Control section of this SOP (Section 9). Specific selection of reagents may be required to avoid introduction of contaminants.

4.4 Visual interferences or anomalies (such as foaming, emulsions, odor, etc.) must be documented.

4.5 The most common interference is laboratory contamination, which may arise from impure reagents, dirty glassware, improper sample transfers, dirty work areas, etc. Be aware of potential sources of contamination and take appropriate measures to minimize or avoid them.

4.6 There are many sources of phthalate contamination in the laboratory. The most common of which are nitrile gloves. The analyst should never touch the inside of glassware with gloves. It has been observed that 8270 compounds benzoic acid, 2,4-dinitrophenol, and 4,6-dinitro-2-methylphenol will not recover well if the extract does not drain completely and quickly through the sodium sulfate. Therefore it is very important that a thorough rinse is performed – especially after the 1st sonication. Recoveries will also be improved if the filter paper and funnels used allow for quick drainage.

4.7 It has been observed that 8270 compound Benzidine will not recover well if the filter paper and sodium sulfate are not sufficiently rinsed. Therefore it is very important that a thorough rinse is performed – especially after the 1st sonication.

5.0 Safety

Employees must abide by the policies and procedures in the Environmental Health and Safety Manual, Radiation Safety Manual and this document. This procedure may involve hazardous material, operations and equipment. This SOP does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of the method to follow appropriate safety, waste disposal and health practices under the assumption that all samples and reagents are potentially hazardous. Safety glasses, nitrile or latex gloves, lab coats and closed-toe, nonabsorbent shoes are a minimum.

5.1 Specific Safety Concerns or Requirements

5.1.1 Ultrasonic disrupters can produce high intensity noise and must be used in an area with adequate noise protection. During operation, the horns will be kept in a sound enclosure inside the fume hood to protect the analyst. If a sound enclosure is not used, then hearing protection is required when within 10 feet of an operating ultrasonic disrupter and the analyst must be in the Hearing Protection Program per DV-HS-0010 *Hearing Conservation Program*.

5.1.2 Eye protection that satisfies ANSI Z87.1 (as described in the Environmental Health and Safety Manual), laboratory coat, and appropriate gloves must be worn while performing this procedure. Nitrile gloves shall be worn when handling solvents; latex gloves may be worn when handling samples only; and cut resistant gloves shall be worn when washing glassware.

5.2 Primary Materials Used

The following is a list of the materials used in this method, which have a serious or significant hazard rating. **Note: This list does not include all materials used in the method. The table contains a summary of the primary hazards listed in the SDS for each of the materials listed in the table.** A complete list of materials used in the method can be found in the reagents and materials section. Employees must review the information in the SDS for each material before using it for the first time or when there are major changes to the SDS.

Material (1)	Hazards	Exposure Limit (2)	Signs and Symptoms of Exposure
Methylene Chloride	Carcinogen Irritant Poison	25 ppm (TWA) 125 ppm (STEL)	Causes irritation to respiratory tract. Has a strong narcotic effect with symptoms of mental confusion, light-headedness, fatigue, nausea, vomiting, and headache. Causes irritation, redness, and pain to the skin and eyes. Prolonged contact can cause burns. Liquid degreases the skin. May be absorbed through skin.
Hexane	Flammable	50 ppm (TWA)	Prolonged or repeated contact with skin can cause defatting and dermatitis. Contact with eyes can cause redness, tearing, and blurred vision. Exposure can cause lung irritation, chest pain, and edema, which may be fatal.
Acetone	Flammable	1000 ppm (TWA)	Inhalation of vapors irritates the respiratory tract. May cause coughing, dizziness, dullness, and headache.

(1) Always add acid to water to prevent violent reactions.
(2) Exposure limit refers to the OSHA regulatory exposure limit.

6.0 Equipment and Supplies

All equipment IDs for any support equipment (pipettes, thermometers, etc.) must be recorded in the batch record.

6.1 Sonicator, at least 300 watts.

6.2 Sonicator horn, ¾ inch

6.3 Balance, >1400-g capacity, accurate to ± 0.1 g, calibrated daily per SOP DV-QA-0014 *Selecting and Using Balances*.

6.4 Beakers, 250 mL.

6.5 Media bottles, 250 mL.

6.6 Stainless steel conical funnels

6.7 Ashless cellulose filter paper

6.8 Pipetter with disposable 1.0-mL tips, calibrated daily per SOP DV-QA-0008 *Volumetric Verification*.

6.9 Aluminum foil.

6.10 Wooden tongue depressors

6.11 Metal spatulas.

6.12 Solvent dispenser pump.

6.13 Computer Software and Hardware

Please refer to the master list of documents, software and hardware located on R:\QA\Read\Master List of Documents\Master List of Documents, Software and Hardware.xls or current revision for the current software and hardware to be used for data processing.

7.0 Reagents and Standards

7.1 Reagent grade chemicals shall be used in all tests. Unless otherwise indicated, it is intended that all reagents shall conform to the specifications of the Committee on Analytical Reagents of the American Chemical Society, where such specifications are available. Other grades may be used, provided it is first ascertained that the reagent is of sufficiently high purity to permit its use without lessening the accuracy of the determination.

7.1.1 Methylene chloride – Each lot of solvent is tested following SOP CA-Q-S-001 *Acid and Solvent Lot Testing and Approval Program* before it is put into use. QA personnel post the list of approved lots at solvent storage areas.

7.1.2 Acetone - Each lot of solvent is tested following SOP CA-Q-S-001 *Acid and Solvent Lot Testing and Approval Program* before it is put into use. QA personnel post the list of approved lots at solvent storage areas.

7.1.3 Hexane - Each lot of solvent is tested following SOP CA-Q-S-001 *Acid and Solvent Lot Testing and Approval Program* before it is put into use. QA personnel post the list of approved lots at solvent storage areas.

7.1.4 Baked Sodium Sulfate, 12-60 mesh - QA personnel post the list of approved lots at solvent storage areas. Heat sodium sulfate in a 400°C oven for at least four hours. Cool, covered tightly with foil, and store in tightly closed jars.

7.1.5 Baked Ottawa Sand – Heat Ottawa sand in a 400°C oven for at least four hours.

7.2 Standards

7.2.1 Please reference SOP DV-OP-0020 *Preparation, Verification, and Storage of Organic Prep Surrogate and Spiked Standards* for information regarding the surrogate and spike standards used in this procedure.

8.0 Sample Collection, Preservation, Shipment and Storage

Sample container, preservation techniques and holding times may vary and are dependent on sample matrix, method of choice, regulatory compliance, and/or specific contract or client requests. Listed below are the holding times and the references that include preservation requirements.

Matrix	Sample Container	Min. Sample Size	Preservation	Holding Time [1]	Reference
Soils for Method 8082A	Glass with Teflon-lined lids	30 grams	Cool, ≤ 6°C	None	SW-846
Wipes for Method 8082A	Glass with Teflon-lined lids	N/A	Cool, ≤ 6°C	None	SW-846
Soils for all other Methods, including 8082	Glass with Teflon-lined lids	30 grams	Cool, ≤ 6°C	14 days	SW-846
Wipes for all other Methods, including 8082	Glass with Teflon-lined lids	N/A	Cool, ≤ 6°C	14 days	SW-846

[1] Exclusive of analysis. Some regulatory agencies do not accept SW-846 Revision 4 of Chapter 4 and will require the 14 day holding time for both Methods 8082. The states of Alabama, California, Colorado, Connecticut, Nevada, New Jersey, Pennsylvania, and Rhode Island require the 14 day holding time for method 8082.

9.0 Quality Control

9.1 The minimum quality controls (QC), acceptance criteria, and corrective actions are described in this section. When processing samples in the laboratory, use the LIMS Method Comments to determine specific QC requirements that apply. For SOPs that address only preparation, QC acceptance limits on the analytical results are not included. Refer to the appropriate SOP that describes the determinative method.

9.1.1 The laboratory's standard QC requirements, the process of establishing control limits, and the use of control charts are described more completely in Eurofins Denver policy DV-QA-003P *Quality Control Program*.

9.1.2 Specific QC requirements for Federal programs, e.g., Department of Defense (DoD), Department of Energy (DOE), AFCEE, etc., are described in Eurofins Denver policy DV-QA-024P *QA/QC Requirements for Federal Programs*. This procedure meets all criteria for DoD QSM unless otherwise stated. Any deviation or exceptions from QSM requirements must have prior approval in the project requirements.

9.1.3 Project-specific requirements can override the requirements presented in this section when there is a written agreement between the laboratory and the client, and the source of those requirements should be described in the project documents. Project-specific requirements are communicated to the analyst via Method Comments in the LIMS and the Quality Assurance Summaries (QAS) in the public folders.

9.1.4 Any QC result that fails to meet control criteria must be documented in a Nonconformance Memo (NCM). The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. This is in addition to the corrective actions described in the following sections.

9.2 Initial Performance Studies

Before analyzing samples, the laboratory must establish a method detection limit (MDL). In addition, an initial demonstration of capability (IDOC) must be performed by each analyst on the instrument he/she will be using. On-going proficiency must be demonstrated by each analyst on an annual basis. See Section 13 for more details on detection limit studies, initial demonstrations of capability, and analyst training and qualification.

9.3 Batch Definition

Batches are defined at the sample preparation stage. The batch is a set of up to 20 samples of the same matrix, plus required QC samples, processed using the same procedures and reagents within the same time period. Batches should be kept together through the whole analytical process as far as possible, but it is not mandatory to analyze prepared extracts on the same instrument or in the same

sequence. The method blank must be run on each instrument that is used to analyze samples from the same preparation batch. See QC Policy DV-QA-003P *Quality Control Program* for further details.

9.4 Method Blank (MB)

9.4.1 One method blank must be processed with each preparation batch.

9.4.2 The method blank for batches of soil samples consists of 30 grams of baked Ottawa sand, which is free of any of the analyte(s) of interest.

9.4.3 Eurofins Denver typically provides clients with clean filter paper or sterile gauze to use as wipes. In these cases, the laboratory prepares wipe-matrix MBs by spiking clean filter paper or gauze (of the same type that is provided to the client) with the surrogate compounds to be used for analysis. If the client uses a different type of material for the wipes, the client should provide a clean specimen of that material to be used for the MB. If the client does not provide a blank wipe in this case, the laboratory will prepare the MBs from filter paper or gauze, from the laboratory's inventory, spiked with the surrogate compounds.

9.5 Laboratory Control Sample (LCS)

9.5.1 At least one LCS must be processed with each preparation batch. Some projects require two LCSs (LCS and LCSD) in every batch, therefore it is important to check special project instructions for each sample. Specifically, Alaska Methods AK102 and AK103 require an LCS and LCSD.

9.5.2 For soil sample batches, the LCS consists of 30 g of reagent sand to which the analyte(s) of interest are added at a known concentration.

9.5.3 LCSs for wipe-matrix samples are prepared by spiking the compounds of interest and surrogate compounds onto a piece of clean filter paper or sterile gauze. If the client uses a different type of material for the wipes, the client should provide blank wipe material to the laboratory for use in preparing the LCS. If the client does not provide blank wipe material, the laboratory will prepare LCS using clean filter paper or sterile gauze, from the laboratory's inventory, spiked with the compounds of interest and surrogate compounds.

9.5.4 The LCS is carried through the entire analytical procedure just as if it were a sample.

9.6 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

9.6.1 One MS/MSD pair must be processed with each preparation batch. A matrix spike (MS) is a field sample to which known concentrations of target analytes have been added. It is prepared in a manner similar to the LCS, but uses a real sample matrix in place of the blank matrix. A matrix spike duplicate (MSD) is a second aliquot of the same sample (spiked exactly as the MS) that is prepared and analyzed along with the sample and matrix spike. Some programs allow spikes to be reported for project-related samples only.

Samples identified as field blanks cannot be used for the MS/MSD analysis. MS/MSDs are not performed on wipe samples.

9.6.2 If insufficient sample volume is available for MS/MSD, an NCM must be written. For SW-846 methods a LCS/LCSD will be required in this case with the exception of work done under the AFCEE program which allows precision to be calculated using LCSs from different batches over the duration of the project.

9.6.3 DoD requires the MS/MSD to be assigned by the client. When there is no assigned MS/MSD or there is not enough sample volume provided a LCSD must be prepared.

9.7 Surrogate Spikes

Every calibration standard, field sample, and QC sample (i.e. method blank, LCS, LCSD, MS, and MSD) is spiked with surrogate compounds.

9.8 Sample Duplicates

A sample duplicate is a second aliquot of an environmental sample that is processed with the first aliquot of that sample. Sample duplicates are processed as independent samples within the same batch. The sample and duplicate results are compared to determine the effect of the sample matrix on the precision of the analytical process. As with the MS/MSD results, the sample duplicate precision results are not necessarily representative of the precision for other samples in the batch. Sample duplicates are performed when requested by the client. Sample duplicates do not count towards the 20 sample batch limit.

10.0 <u>Procedure</u>

10.1 One-time procedural variations are allowed only if deemed necessary in the professional judgment of supervision to accommodate variation in sample matrix, radioactivity, chemistry, sample size, or other parameters. Any variation in procedure shall be completely documented using an NCM. The NCM is automatically sent to the laboratory Project Manager by e-mail so that the client can be notified as appropriate. The QA group periodically reviews NCMs for potential trends. The NCM process is described in more detail in SOP DV-QA-0031 *Non-Conformance and Corrective Action System*. The NCM shall be filed in the project file and addressed in the case narrative.

10.2 Any deviations from this procedure identified after the work has been completed must be documented in an NCM, with a cause and corrective action described.

10.3 Specific glassware or equipment positions for the MB and LCS/LCSD are not to be used.

10.4 Critical Procedural Considerations

10.4.1 As stated throughout this SOP, analysts must review the Method Comments and any applicable QASs before starting work. This review is also documented on the Organic Extraction Checklist (see WI-DV-0009 *Spike/Surrogating and Review Procedure for Organic Extractions*).

10.4.2 Analysts must focus on using clean technique throughout this procedure. Any parts or pipettes that come into direct contact with dirty surfaces or any other beaker or media bottle than the designated one should be cleaned or disposed of before coming into contact with the sample. Gloves should never come into contact with the inside of beakers, media jars, or steel funnels.

10.4.3 Sodium sulfate should be kept in closed containers when not in use. It is important to close the container when not actively using the sodium sulfate.

10.5 Sonicator Tuning and Horn Inspection

10.5.1 Every week the sonicator horns are inspected for pitting and the condition is recorded in the Sonicator logbook. The degree of pitting is decided based on the horn's likeness to one of three reference images (Figure 1).

10.5.1.1 If the condition of the sonicator horn is determined to be poor. The sonicator must be removed from service until the probe is replaced.

10.5.2 If the sonicator is not self-tuning, the sonicator must be tuned once a week or whenever a new horn is installed. Tuning is documented in the sonicator maintenance log.

10.5.3 Starting at a power setting of 1, tune the sonicator so that the output is less than 20%.

10.5.4 Repeat the tune at a power setting of 5 and 10. At each power setting, tune the sonicator so that the output is less than 20%.

10.5.5 If the output is over 20%, consult your supervisor and the manufacturer's manual for troubleshooting help.

10.6 Assemble and clean the glassware immediately before use.

NOTE: Rotate glassware; do not use specific glassware or positions for the MB and LCS/LCSD.

10.6.1 Rinse 400-mL thick-walled beakers with methylene chloride.

NOTE: In order to prevent phthalate contamination, never touch the inside of a beaker with gloves on. When rinsing beakers be sure to keep gloves away from the mouth of the beaker.

10.6.2 Without gloves on, fold a 18 cm diameter cellulose filter paper in quarters. Open the folds to create a cone. Place the filter paper in the bottom of a conical stainless steel funnel. Place the funnel on a 250-mL media bottle.

10.6.3 Place approximately 1 tablespoon of baked sodium sulfate in the funnel. Rinse all surfaces of the funnel, the filter and the sodium sulfate with methylene chloride) so all surfaces of the funnel, filter, and sodium sulfate are rinsed.

NOTE: When preparing glassware for the extraction of wipe samples, sodium sulfate is not necessary and the solvent used in the rinse should be the solvent used in the extraction of the wipe samples. (Normally hexane for methods 8081 and 8082).

10.6.4 Allow the solvent to drain completely into the media bottle. Swirl the media bottle to ensure all surfaces come into contact with the solvent. Add additional solvent to the rinse if necessary.

10.6.5 Pour the solvent out of the media bottle over the stem of the stainless steel funnel to rinse the funnel stem.

10.6.6 Discard the solvent in the correct waste stream.

10.7 Aliquot Samples

10.7.1 If the sample is a wipe, the sonication can be performed with the wipe in its original container if the original container is large enough. Otherwise, transfer the wipe and any solvent from the original container to a clean beaker.

10.7.2 For each MB and LCS, place a clean wipe into a labeled beaker and proceed to section 10.8.

10.7.3 If the sample is a soil, mix and homogenize samples according to the instructions provided in SOP DV-QA-0023 *Subsampling*. Use a disposable wooden spatula or a metal spatula that has been rinsed with methylene chloride and dried with a lab tissue.

10.7.4 Break the sample aliquot up into small pieces. The aliquot must not contain particles or clumps bigger than ½ inch in diameter in order to facilitate a complete extraction.

10.7.5 Label a 250-mL beaker with the sample ID, method, and batch number.

10.7.6 Weigh 30 to 33 g of sample into the labeled beaker. Record the weight to the nearest 0.1 g directly into the LIMS or hand record the weight on the benchsheet.

NOTE: Some clients may require the initial aliquot to be adjusted based on the percent moisture of the sample. In those cases, it might be necessary to aliquot more than 33 g of sample. If this is

required, the Method Comments will state “Perform Calculation”. The laboratory’s LIMS (TALS) will calculate the required initial weight of wet sample needed to ensure at least 30 g of dry sample is included in the initial aliquot. In TALS, under the Batch Notes, enter a “1” in the “Perform Calculation” field. TALS will then calculate the required initial weight of wet sample needed under the “Target Amount” field in the Worksheet tab. Weigh out at least that mass of wet sample.

10.7.7 Add approximately 1 tablespoon of baked sodium sulfate to the beaker and mix well. If the sample is especially wet, more sodium sulfate will be needed to ensure the sample is free-flowing. If the sample is extremely wet, the initial sample weight might have to be reduced in order to keep the volume of sample and sodium sulfate in the beaker to a level that the horn can still thoroughly disrupt. Document in an NCM if additional sodium sulfate is added.

10.7.8 For each MB and LCS sample, weigh 30 to 33 g of baked Ottawa sand into labeled beakers. Add 1 tablespoon of baked sodium sulfate to the beaker and mix well. Record a nominal weight of 30 g in the initial volume field, but record the actual weight to the nearest 0.1 g in the notes column.

10.7.9 Cap the beaker tightly with aluminum foil.

10.7.10 Place the beaker on a cart next to the sample container so that a second analyst can check the labels. This is documented on the Organic Extraction Worksheet (See WI-DV-0009 *Spike/Surrogating and Review Procedure for Organic Extractions*).

10.8 Prepare a bottle with a bottle-top dispenser with the appropriate solvent.

10.8.1 Methylene Chloride is used for soil and wipe samples for the following methods:

- SW-846 8015B
- SW-846 8015C
- SW-846 8015D
- Alaska Methods AK102 and AK103

10.8.2 For soil extraction of all other methods, the solvent used is a 1:1 mixture of methylene chloride and acetone.

10.8.3 For wipe samples by method 8081 and 8082, the solvent used is hexane.

10.8.4 For wipe samples by method 8270, the solvent used is a 1:1 mixture of methylene chloride and acetone.

10.9 Add Surrogate, Spikes, and Solvent to Field Samples and all QC samples.

10.9.1 The standards should be allowed to come to room temperature before spiking the samples. Record the ID of the standard and pipettor(s) used on the benchsheet.

NOTE: The addition of spikes and surrogates to samples must be done only immediately after a second analyst has reviewed the batch. Reference work instruction WI-DV-0009 *Spike/Surrogating and Review Procedure for Organic Extractions for Surrogate* and spike volumes.

10.9.2 Only one batch should be surrogated at a time to ensure the correct standards are used and to ensure the solvent is added as soon as possible to the samples.

10.9.3 Ensure that the sample is free flowing before adding the surrogate standard. If the sample has become hard, gently tap the beaker to break up the solid, or pull back the foil and mix with a wooden spatula if necessary.

10.9.4 Using a calibrated pipette, add the appropriate volume of the appropriate working surrogate standard to the beaker for each field sample and method blank. Do this by punching a hole in the aluminum foil cap with the pipette tip.

10.9.5 Using a calibrated pipette, add the appropriate volume of the appropriate working spike standard to the beaker for each LCS, LCSD and MS/MSD. Do this by punching a 2nd hole in the aluminum foil cap with the pipette tip.

10.9.6 Immediately after the addition of the spike standard to the LCS, MS, & MSD sample, add approximately 50mL of the appropriate solvent. Note that the solvent should be added as soon as possible after the addition of the spiking standards to prevent loss of the more volatile extractables. A minimum of 50mL of solvent should be added, but at least ¾ inch above the solids.

NOTE: When hexane is used as the extraction solvent, use only enough to cover the wipe, i.e., approximately 50 mL. This will help facilitate the concentration of the extract later.

10.10 Rinse the disrupter horn with methylene chloride and wipe down with a clean laboratory tissue.

10.11 Place the bottom surface of the disrupter horn tip just below the surface of the solvent, but above the sediment layer.

10.12 Sonicate for three minutes, making sure the entire sample is agitated. The output should be set at 10 for the ¾-inch standard horn. The mode switch should be set on pulse, and the percent-duty cycle knob at 50%, for a total process time of 1:30 (1 minute 30 seconds).

10.13 Ensure the filter paper is wet before decanting and filtering occurs. Decant and filter the extract through the prepared stainless steel funnel into the media bottle. Immediately rinse the sodium sulfate in the funnel with at least 25 mL of solvent, ensuring that all sides of the filter paper have been rinsed also. **This is a critical step and must be performed as soon as the extract has drained from the funnel and must be done with at least 25 mL of solvent.**

NOTE: If proper rinsing has occurred, there should **not** be a significant yellow ring of residue (from the spike standards) around the top of the filter paper.

10.14 Repeat the extraction two more times with the appropriate solvent. Each time add sufficient solvent so that the solvent level is at least ¾ inch above the solids. If wipes are being extracted with hexane, then repeat two or more times with additional 25-mL portions of solvent.

10.15 Decant off the solvent after each sonication. After the third and final sonication, pour the entire extract into the funnel. Do not attempt to decant at this step but make every effort to recover all solvent from the beaker. If sufficient room in the media jar exists, rinse the beaker and/or the funnel with an additional 10 to 20 mL of solvent and add the rinse to the funnel.

10.16 Once the solvent has completely drained into the media bottle, dispose of the solid sample and the sodium sulfate into Waste Stream D and cap the media bottle containing the extract with aluminum foil.

10.17 Be sure to rinse the disrupter horn between samples following the procedure in Section 10.10.

10.18 If the extract contains visible solids, it will be necessary to filter the extract again. This filtration can be performed immediately before the concentration step by filtering the extract through another filter paper and funnel directly into the K-D apparatus. If the extract clogs the filter or filtration is extremely slow, the filter and funnel can be placed on a filter flask and a vacuum can be applied.

10.19 Place the extracts in a refrigerator until concentration, ensuring that the extracts in 1:1 methylene chloride:acetone are placed in a flammable rated refrigerator. Document on the benchsheet in which refrigerator the extracts are stored and the total extract count for the batch.

10.20 Handwritten notes on the benchsheet are entered into LIMS, and the transcribed data must be verified by a second person. This verification is documented on the Organic Extraction Checklist (see WI-DV-009 *Spike/Surrogating and Review Procedure for Organic Extractions*).

10.21 Maintenance

10.21.1 Unless self tuning, the sonicators must be tuned once a week. See Section 10.4.

10.21.2 The probes must be inspected once a week and replaced if excessively

worn.

10.22 Troubleshooting

10.22.1 If the sonicator is not working properly, (either not disrupting the soil sufficiently or over-loading) separate the converter from the horn and the horn from the probe. Always use the special wrenches to avoid damaging the parts. Clean all points of contact with either acetone or isopropyl alcohol and then re-assemble and tighten down with the wrenches.

10.22.2 If after following the steps in Section 10.22.1, the sonicator is still not working properly, try to isolate the problem by plugging the converter into a different control box. If the problem goes away, then the control box needs to be sent off for service. If the problem does not go away, proceed to Section 10.22.3.

10.22.3 If after following the steps in Sections 10.22.1 and 10.22.2 the sonicator is still not working properly, then the problem must be in the converter or the horn or probe. Switch the converter to determine if the converter needs to be sent off for repair. If the converter operates properly with a different horn and probe, then the probe needs to be replaced.

11.0 Calibration

Not applicable to this procedure.

12.0 Calculations / Data Reduction

Not Applicable.

13.0 Method Performance

13.1 Method Detection Limit Study (MDL)

The method detection limit (MDL) is the lowest concentration that can be detected for a given analytical method and sample matrix with 99% confidence that the analyte is present. The MDL is determined according to the laboratory's MDL policy in CA-Q-S-006 *Detection and Quantitation Limits*. MDLs reflect a calculated (statistical) value determined under ideal laboratory conditions in a clean matrix, and may not be achievable in all environmental matrices. The laboratory maintains MDL studies for analyses performed; these are verified at least annually unless method or program requirements require a greater frequency.

13.2 Limit of Quantitation Verification (LOQV)

The verification of the limit of quantitation (LOQ or LLOQ) is performed quarterly for work performed according to the DoD/DOE QSM or for programs which require the use of Method 8270D, Revision 5. A blank matrix is spiked at 1-2 the laboratory RL and carried through the entire preparation and analytical procedures. Recoveries are assessed based on historical limits.

13.3 Demonstration of Capabilities

All personnel are required to perform an initial demonstration of proficiency (IDOC) on the instrument they will be using for analysis prior to testing samples. On-going proficiency must be demonstrated annually. IDOCs and on-going proficiency demonstrations are conducted as follows.

13.3.1 Four aliquots of the QC check sample are analyzed using the same procedures used to analyze samples, including sample preparation. The concentration of the QC check sample should be equivalent to a mid- level calibration.

13.3.2 Calculate the average recovery and standard deviation of the recovery for each analyte of interest.

13.3.3 If any analyte does not meet the acceptance criteria, the test must be repeated. Only those analytes that did not meet criteria in the first test need to be evaluated. TNI 2009 requires consecutive passing results. Repeated failure for any analyte indicates the need for the laboratory to evaluate the analytical procedure and take corrective action.

13.3.4 Until the IDOC is approved by the QA Manager (or designee); the trainer and trainee must be identified in the batch record.

13.3.5 Further details concerning demonstrations of proficiency are described in SOP DV-QA-0024 *Training*.

13.4 Training Requirements

The Group Leader is responsible for ensuring that this procedure is performed by an associate who has been properly trained in its use and has the required experience. A new analyst must be working under documented supervision prior to approval of the IDOC. Documentation that a new analyst is performing under supervision must be entered into the batch record (View Batch Information) until that analyst's IDOC has been approved by the QA Manager (or designee). See requirements for demonstration of analyst proficiency in SOP DV-QA-0024 *Training*.

14.0 Pollution Control

The volume of spike solutions prepared is minimized to reduce the volume of expired standard solutions requiring hazardous waste disposal.

15.0 Waste Management

15.1 All waste will be disposed of in accordance with Federal, State, and Local regulations. Where reasonably feasible, technological changes have been implemented to minimize the potential for pollution of the environment. Employees will abide by this method, the policies in section 13 of the Environmental Health and Safety Manual for "Waste Management and Pollution Prevention", and the Waste Management procedure, DV-HS-001P *Waste Management Plan*.

15.2 Waste Streams Produced By This Method

15.2.1 Methylene chloride – Waste Stream B

15.2.2 Flammable solvent – Waste Stream C

15.2.3 1:1 MeCl2:Acetone – Waste Stream CA

15.2.4 Solid waste/sodium sulfate – Waste Stream D

15.2.5 Expired Standards/Reagents – Contact Waste Coordinator for guidance

NOTE: Radioactive, mixed waste and potentially radioactive waste must be segregated from non-radioactive waste as appropriate. Contact the Radioactive Waste Coordinator for proper management of radioactive or potentially radioactive waste generated by this procedure.

16.0 References / Cross-References

16.1 SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, Method 3550C Ultrasonic Extraction, Revision 3, February 2007.

16.2 SW-846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, Method 3550B Ultrasonic Extraction, Revision 3, December 1996.

16.3 Alaska Method AK102, “For the Determination of Diesel Range Organics”, Version 04/08/02.

16.4 Alaska Method AK103, “For the Determination of Residual Range Organics”, Version 04/08/02.

17.0 Method Modifications:

17.1 SW-846 Method 3550C Section 11.3.5 calls for all three extractions to be filtered a second time through the same filter. The SOP only requires each extract to be filtered after each extraction process. The QC has shown great recovery with the use of only the filtration proceeding each extraction.

17.2 SW-846 Method 3550C Section 11.3 instructs that the surrogate and spike compounds should be added to the sample before the sample is mixed with sodium sulfate. This SOP calls for the sample to be mixed thoroughly with sodium sulfate before the surrogate and spike compounds are added. This is done per EPA Memo dated August 5, 2010 titled “Spiking (Prior To vs. After Sample Drying) Issue in SW-846 Organic Extraction Methods.”

17.3 SW-846 Method 3550C calls for the use of Büchner funnels and vacuum filtration of all extracts. This SOP calls for the use of conical funnels. This was done to prevent the extract from becoming trapped in the sodium sulfate in the Büchner funnel and specifically to improve the recoveries of benzoic acid, 2,4-dinitrophenol, and 4,6-dinitro-2-methylphenol.

17.4 Method from the state of Washington uses a 10 g soil sample that is shaken and processed in a sonic bath. This procedure calls for the soil aliquot to be 30 g to 33 g and is processed directly with a sonicator horn.

17.5 Method 3550B and 3550C instruct the lab to determine the dry weight of the sample. This is performed according to SOP DV-WC-0023 *Percent Moisture in Soils and Wastes* and is not included in this SOP.

17.6 The medium/high concentration extraction procedure described in Methods 3550B and 3550C is not addressed in this SOP.

17.7 Method AK102 and AK103 calls for samples to be extracted by soxhlet. Valid MDLs and IDOCs have been completed using this procedure, therefore method AK102 and AK103 are listed as a possible determinative methods by this procedure.

18.0 Attachments

Table 1: Determinative Methods Using Ultrasonic Extraction
Figure 1: Sonicator Horn Condition Reference Images.

19.0 Revision History

This section has been added beginning with Revision 0. Only details of the last two revisions are incorporated into this SOP. Prior revisions are documented in the QA files and available upon request.

Rev 18, dated 29 November 2023

- Updated copyright
- 4.6 Procedure updated
- 4.7 Procedure updated
- 6.4 Updated equipment
- 6.8 Removed the use of glass wool
- 6.14 Removed equipment not used for extraction
- 6.15 Removed equipment not used for extraction
- 10.7.5 Updated equipment used for extraction
- 10.8.1 Removed method no longer active
- 10.9.6 Updated extraction procedure for minimum use of 50mL of solvent, but at ¾ inch above solids.
- 10.13 Updated extraction procedure
- 10.14 Updated extraction procedure
- 10.6.3 Rinse all filter and glassware with methylene chloride
- 16.5 Removed deactivated method reference
- 16.6 Removed deactivated method reference
- 17.4 Removed deactivated method reference
- 17.5 Removed deactivated method reference

Rev 17, dated 05 April 2023

- Updated Copyright Information.
- Changed Eurofins Testamerica to Eurofins Denver throughout.
- Section 4.6 removed text referencing 8270C.
- Section 4.7 removed reference to Buchner funnels.
- Removed original Sections 6.8, 6.14, 6.15 from Equipment & Supplies.
- Section 10.8.1 removed references to NWTPH-Dx and Oklahoma DRO.
- Removed Sections 16.5 and 16.6 to References / Cross References.
- Removed original Sections 17.4 and 17.5 from Method Modifications.
- Updated Table I removing references to NWTPH-Dx and Oklahoma DRO Method. Also removed references for PAH.
- Section 10.6.2 removed note.

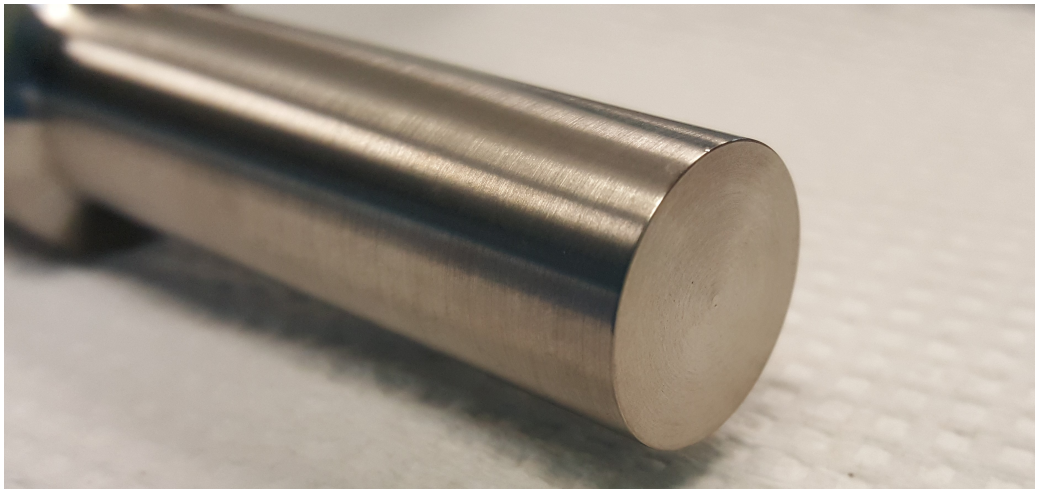
TABLE 1.

Determinative Methods Using Ultrasonic Extraction

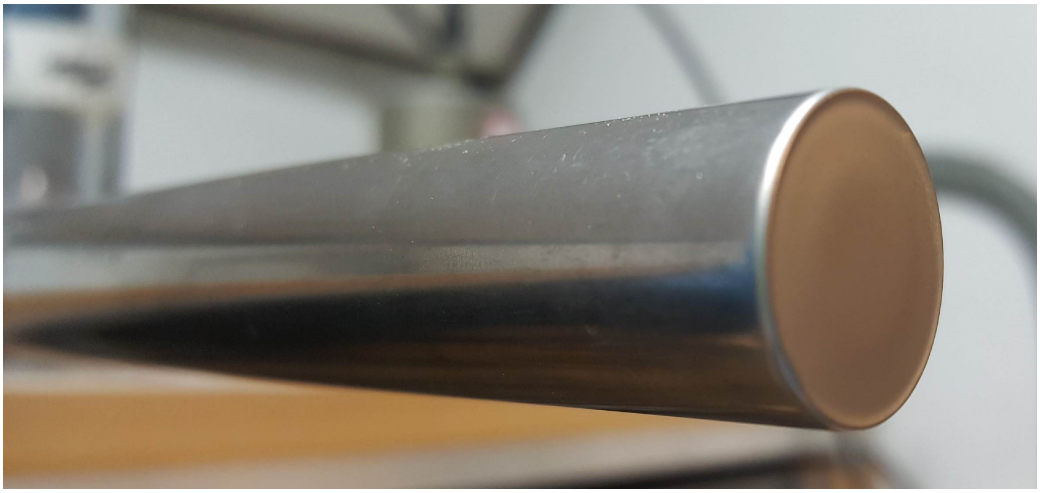
Method Description	Determinative Method	SOP
Diesel Range Organics, Jet Fuels, Motor Oil, Residual Range Organics	SW-846 8015B SW-846 8015C SW-846 8015D Alaska Methods AK102 & AK103	DV-GC-0027
Chlorinated Pesticides	SW-846 8081A SW-846 8081B	DV-GC-0020
Polychlorinated Biphenyls	SW-846 8082 SW-846 8082A	DV-GC-0021
Semi-volatiles by GC/MS	SW-846 8270C SW-846 8270D	DV-MS-0011 DV-MS-0012
Polynuclear Aromatic Hydrocarbons by GC/MS	SW-846 8270C SIM SW-846 8270D SIM	DV-MS-0002

Figure 1.

Sonicator Horn Condition Reference Images



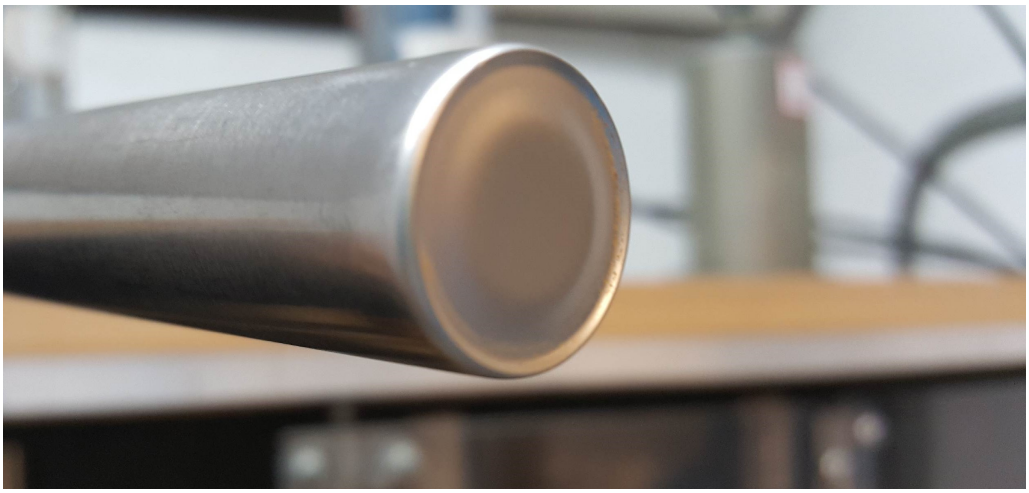
Condition: good; no further action needed.



Condition: fine; minor pitting, monitor condition.

Figure 1. (Cont.)

Sonicator Horn Condition Reference Images



Condition: poor; heavy pitting, replace horn.

Electronic Copy Only

Title: Sample Management and Chain of Custody

Approvals (Signature/Date):

Joshua Rystrom 8/2/2023 Joshua Rystrom Date Sample Receiving Specialist	Reed Pottruff 8/2/2023 Reed Pottruff Date Health & Safety Manager / Coordinator
Kelly Maddox 8/3/2023 Kelly Maddox Date Quality Assurance Manager	Anthony Grimaldi 8/2/2023 Anthony Grimaldi Date Business Unit Manager

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1.0 PURPOSE

This procedure describes the management of samples throughout the laboratory, from receipt of samples through archiving of old samples. Included are verification of sample identity, chain-of-custody documentation, verification of sample condition and preservation, notification to the lab of short-holding-time and rush samples, resolution of sample receipt discrepancies, requirements for sample delivery acceptance, and sample archiving.

2.0 SCOPE

2.1 Eurofins Denver has one sample receiving area. Both radiological and non-radiological samples are received in this area. Personnel working in the Sample Control area are required to complete radiation safety training, as described in the Radiation Safety Manual (RSM), before handling radioactive samples. See SOP DV-RS-0001 *Purchase, Receipt, Handling, and Identification of Radioactive Material* for the procedures specific to incoming radioactive samples.

2.2 This procedure describes the Internal Chain-of-Custody requirements from receipt of samples via a Chain of Custody form until samples are removed from the coolers and archived by Waste Management. After samples are archived, custody of the samples is transferred to Waste Management as described in SOP DV-HS-0005 *Excess Sample Material Management*. For cradle to grave tracking of any sample, both this procedure and SOP DV-HS-0005 *Excess Sample Material Management* must be used.

2.3 Any soils received with a USDA soil import permit must be handled according to the requirements in SOP DV-QA-0019 *Quarantine Soils Procedures*.

3.0 SAFETY

3.1 Employees must abide by the policies and procedures in the Environmental Health and Safety Manual and the Radiation Safety Manual.

3.2 Safety concerns specific to this procedure:

3.2.1 Potentially Hazardous and Biologically Active Samples

3.2.1.1 Do not open any shipping containers marked “Biohazard”, “Blood”, “Tissue”, “High Hazard”, “Extremely Hazardous”, or other phrases that indicate that special safety problems may exist. Set them aside, and contact the Environmental Health & Safety Coordinator (EHSC) to determine how to proceed.

3.2.1.2 Also contact the EHSC if blood, tissue, or other biological fluids are observed.

3.2.1.3 Samples with visible amounts of non-aqueous liquid (e.g., solvents, petroleum products, etc.) must be stored separately from other samples to avoid cross-contamination, and the

EHSC should be called in to evaluate the samples and the need for additional safety precautions.

3.2.1.4 If the COC or other paperwork accompanying samples from DOE sites indicates that the samples may contain beryllium, beryllium oxide, and/or asbestos, do not open the sample container itself. These samples must be handled under appropriate ventilation to ensure contamination control and minimize possible worker exposure.

3.2.2 Broken or Leaking Samples

3.2.2.1 If a shipping container is opened and found to contain a broken sample container, the material from the broken container is presumed to be potentially hazardous.

3.2.2.2 Ensure that proper PPE is worn. Blue Grip gloves (cut resistant) or equivalent should be worn when removing all containers if containers are not visible due to ice or opacity of bags. Cut resistant gloves should also be worn when cleaning out coolers.

3.2.2.3 The entire shipping container must be kept in a hood if it is emitting fumes or dust or may contain high levels of Beryllium, Beryllium Oxide or asbestos. Contact the EHSC. The container shall remain in the hood until the reaction is under control as determined by the EHSC or until the high hazard material is contained.

3.2.2.4 The Waste Coordinator (or designee) is contacted so that proper management of the broken hazardous sample material can be disposed of as described in Section 8.0 of this SOP. Communication with the waste management group should include the number and type of containers that require disposal.

3.2.2.5 If other intact sample containers in the same shipping container are visibly dirty or have come into direct contact with spilled sample material, then the unbroken sample containers will need to be decontaminated, as discussed in Section 8.0.

3.3 Primary Materials Used

There are no reagents, standards, or other chemical materials used in this procedure. Therefore there are no materials that have a serious or significant hazard rating.

4.0 DEFINITIONS

4.1 Chain-of-Custody Form: A critical legal record that documents the possession of the samples from the time of collection to receipt in the laboratory. This record generally includes: the number and types of containers; the mode of collection; the collector; time of collection; preservation; and requested analyses.

4.2 Class 7 Radioactive Material: Department of Transportation (DOT) terminology used to describe radioactive material having a specific activity and quantity. This term should not be confused with the definition of a radioactive material. It is used strictly for circumstances involving the shipment of radioactive items and does not constitute a limit below which a material is not considered radioactive.

4.3 Sample Delivery Acceptance: The point in time at which Eurofins Denver is first obligated to initiate preparation and/or analysis of samples.

4.4 Internal Chain-of-Custody Report (ICOC): The report used to document the storage, handling and archival of client samples while in possession of the Eurofins Denver laboratory. The Laboratory Information Management System (LIMS) has the capability to track sample custody, transfers, and disposal.

5.0 SAMPLE ACCEPTANCE POLICY

The laboratory has a written sample acceptance policy (ETA Denver Quality Assurance Manual) that clearly outlines the circumstances under which samples shall be accepted or rejected. These include, but are not limited to:

- A COC filled out completely;
- Samples must be properly labeled;
- Proper sample containers with adequate volume for the analysis and necessary QC;
- Samples must be preserved according to the requirements of the requested analytical method;
- Sample holding times must be adhered to;
- All samples submitted for Volatile Organic analyses must have a Trip Blank submitted at the same time;
- The project manager will be notified if any sample is received in damaged condition.

Data from samples which do not meet these criteria are flagged and the nature of the variation from policy is defined. A copy of the sample acceptance policy is provided to each client prior to shipment of samples.

The PM needs to be notified if the client needs to drop off samples during non-routine working hours so they can schedule a time with the Sample Receiving Department to receive the samples.

NOTE: North Carolina requires that they be notified when samples are processed that do not meet sample acceptance criteria.

6.0 PROCEDURE

6.1 Any unauthorized deviations from this procedure must be documented as a nonconformance, with a cause and corrective action described (see SOP DV-QA-0031 *Non-Conformance and Corrective Action System*).

6.2 Sample shipments arrive at the central shipping and receiving area. The delivery person rings the exterior bell to have one of the Sample Receiving staff unlock the door.

6.3 Sample Receiving personnel electronically sign the shipping receipt to indicate receipt of the coolers for FedEx and UPS shipments. For coolers dropped off by clients or private courier, the Sample Receiving personnel sign the CoC.

6.4 All coolers are scanned on the outside for radioactivity. See SOP DV-RS-0001 *Purchase, Receipt, Handling, and Identification of Radioactive Material* for procedure.

6.5 If the samples being received are marked as being radioactive or the samples are from a company on the list of clients who handle known radioactive samples (see WI-DV-044 *TA Denver Known RAD Client List*), follow the procedures in SOP DV-RS-0001 *Purchase, Receipt, Handling, and Identification of Radioactive Material*.

6.6 The Sample Receiving Checklist (Attachment 1a) is used to document the receiving and login process. All samples received from sites in Alaska use the Alaska Sample Receiving Checklist (Attachment 1b). Some clients have a client-specific checklist. The PM is responsible for identifying these client specific forms.

6.7 The checklist will be use to document any issues with the condition of the cooler upon receipt.

6.8 For the protection of the people working in the area, it is important to first open the coolers under the hood. Examine the contents and open any bags containing samples under the hood to ensure no unwarranted exposures occur. Cut resistant gloves are to be worn at all times when opening and unpacking the coolers.

6.9 Once it has been determined that there are no broken samples and no fumes coming from the cooler, the temperature inside the cooler is determined and recorded on the Sample Receiving Checklist. Some clients have a client-specific checklist. (See Section 6.9.5 on how to address broken containers in a cooler.)

6.9.1 The infrared (IR) temperature gun is calibrated daily (see calibration procedures in SOP DV-QA-0001 *Thermometer Calibration*). Record in Sample Receiving Temperature Logbook.

6.9.2 Take a reading from a temperature blank, if present. The IR reading should be taken 1-3” from the sample and the observed temperature is recorded on the Sample Receiving Checklist. If there is not a temp blank present, then use a plastic container and if no plastic container then us the lid or label area of the glass bottles.

NOTE: West Virginia requires that the temperature is to be checked on each sample bottle. Any deviations shall be noted on the CUR (by sample ID unless all samples exceed temperature limits).

6.9.2.1 Record the ID of the temperature gun used on the checklist.

6.9.2.2 The correction factor determined during the calibration of the IR gun is recorded on the checklist.

6.9.2.3 The correction factor is applied to the observed temperature and the actual temperature is recorded when the data are entered into TALS (e.g., if the correction factor is -0.2 ºC, and the reading is 2.6ºC, the recorded temperature is 2.4ºC).

6.9.3 If multiple coolers are received for one project record as many temperatures as feasible on the first checklist. Use another checklist if more cooler temperatures need to be documented. Only one checklist is needed for the rest of the questions. Place a diagonal line through the bottom portion the checklists that are only needed for temperature documentation. If the temperature in the cooler is greater than 6ºC or less than 0 ºC, record this observation as a deviation on the back of the checklist. If the temperature is below zero, check to determine if any samples are frozen and note on the checklist. Place a green temperature sticker on the cooler which means to notify the PM/PMA to contact the client on how to proceed. After all coolers are triaged PMs for the coolers that are out of temperature (marked with green sticker) are notified by phone for instructions on how to proceed.

6.9.4 If a chain of custody has multiple coolers and only some of them are outside temperature it may be necessary for the Login staff to un-pack the cooler to identify the containers. A detailed inventory of the samples and containers in the out-of-temperature cooler must be made on the back of the checklist. If this is not necessary for the client at the time of notification it will be done as part of the normal cooler un-packaging.

NOTE: In addition to notification of the client of temperature excursions, for any samples submitted for drinking water (potable water) analyses the laboratory must recommend resampling to the client. If resampling is not feasible and the client requests the analysis proceed, this must be noted in the case narrative.

6.9.5 If there is a broken bottle also note this on the checklist. If the cooler contains broken sample containers, refer to SOP DV-HS-0005 *Excess Sample Material Management*. Record the identification of all broken sample containers received on the back of the checklist and contact the PM. Record observation on Sample Receiving Checklist. Include a copy of the list of broken samples when transferring the cooler to the Waste Management Group.

6.10 Record the following initial checks on the Sample Receiving Checklist:

6.10.1 Company name and sampling site.

6.10.2 Condition of cooler custody seals, if present.

6.10.3 Presence or absence of custody form(s).

The chain of custody has necessary dates and signatures from earlier transfers. Some chain of custody forms may have a brightly colored sticker which identifies they contain short hold parameters.

NOTE: The Alaska and client-specific Sample Receiving Checklists have additional items that are documented.

6.11 Identify any short holding time parameters. Place a Priority Form (Attachment 3) on the cooler along with a Priority I, II or III sign. Priorities are assigned to samples according to the following:

6.11.1 Priority I – Hexavalent Chromium, Volatile Soils, BOD, CBOD, Hydrazine (waters and solids), VOA soil samples preserved with DI water that must be frozen within 48 hours of sampling, one-day Turnaround Time (TAT)

6.11.2 Priority II – All other 48 hour hold time tests including Cyanide preservation, color, nitrite by Spec, orthophosphate by spec, nitrate by IC, nitrite by IC, Orthophosphate by IC, Settleable Solids, Turbidity, samples for 2-3 day TAT.

6.11.3 Priority III – Any rush analyses >3 day TAT, projects received but not logged on previous day, any sub-in work from other Eurofins Labs, Dissolved Oxygen, Free Carbon Dioxide, Sulfite, pH, or Ferrous Iron.

6.12 Rapidly expiring holding times are assigned priority based on the amount of holding time remaining.

6.13 The PM (or designee) will come to Sample Receiving and perform the following:

6.13.1 Identify the project(s) not specified on the COC and supply the sample receiving staff with the appropriate TALS project number.

6.13.2 Provide analytical and report due date, if different from what is on the COC.

6.13.3 Provide any information on sub-outs and rushes as necessary.

6.13.4 Look for any expiring Holding Times that sample receiving staff may have missed.

6.13.5 Look for any hand written instructions on preprinted COCs or any extra information provided by the client not on the COC that needs to be clarified before the job is logged.

6.14 Coolers with Unidentified Projects

For coolers where local PMs cannot identify the projects or insufficient information is provided on the COC to login the samples, follow the guidance in WI-DV-0105 *Processes for Missing Info on COCs.* This provides a roadmap by which the samples can be logged in correctly. Typically this occurs for coolers that are sent directly to the lab by the client but are logged and managed by sister labs.

6.15 Before the cooler(s) are unpacked, verify that the cooler temperature(s) have been documented on the Sample Receiving Checklist(s). If there are no temperatures recorded or the number of coolers does not match the number of temperatures recorded, measure and record the temperature of all coolers associated with that COC.

6.16 Unpacking the Cooler

6.16.1 Unpack the cooler, and line up the bottles in the numerical order given on the COC. Check for indications that the cooler contains Radioactive Materials:

6.16.1.1 Blue CAT I stickers

6.16.1.2 Radioactive Package Monitoring and Receipt Form

6.16.1.3 If neither are present refer to WI-DV-0044 *ETA Denver Known Rad Clients List* posted on the fume hood.

6.16.2 Check the COC for a Revenue Center stamp.

6.16.2.1 This is a small stamp with the city name and code on it

6.16.2.2 Use the stamp's code to enter into the Service Center Revenue Tracking section of the Receipt Info tab in TALS.

6.16.3 Air bills can be adhered to a blank paper. If there are more than can fit on the blank paper an additional piece of blank paper can be used.

6.16.4 Remove containers from cooler and dispose of bubble wrap/bags.

6.16.5 Place containers on bench in the following order:

6.16.5.1 From left to right by sample ID in the order of the COC;

6.16.5.2 From back to front, tallest container (e.g., 1 L Amber Glass) to shortest (e.g., 125 mL plastic);

6.16.5.3 From back to front, glass bottles to plastic bottles;

6.16.5.4 From back to front of the same container type preserved to unpreserved (e.g., 500 mL Plastic HNO_3 behind 500 mL Plastic Unpreserved).

6.16.5.5 From back to front unfiltered to filtered (e.g., Total Metals behind Dissolved Metals);

6.16.5.6 Place VOA vials in green or white VOA racks by sample ID in the order of the COC Invert VOA vials and gently tap to make any headspace/bubbles come to the top. Measure the headspace//bubbles with a clear ruler and document any headspace/bubbles that is greater than 6mm on the VOA Headspace form (DV-F-0077) place a red sticker on the bottom of the VOA vial with the headspace/bubbles.

NOTE: Be sure to separate by VOA analysis type and in the same order for each sample (e.g., 8015 vials then 8260 vials for sample 1, 8015 then 8260 for sample 2, etc.) Any VOA samples must be iced while on the counter during the login procedure. Immediately after unpacking the cooler, place VOA vials in a VOA rack and place a bag of ice or frozen gel pack on top of the containers to ensure temperature preservation.

6.16.6 Once all containers are unpacked place them in cardboard boxes and cover in gel ice packs

6.16.6.1 Attempt to maintain previous layout as much as is reasonable. After one-half hour the samples must be moved to a cooler with icepacks or placed in the walk-in to maintain temperature preservation. It is recommended that a timer be used for each set of samples to monitor the time.

6.16.6.2 Aqueous samples for metals analysis and Rad Chem analysis do not need to be iced.

6.17 Fill out the Sample Receiving Checklist, recording the following information on the Sample Receiving Checklist:

6.17.1 Non-radioactive materials will have N/A for question 1.

6.17.2 The number of containers indicated on custody form matches the number received.

6.17.3 Client sample identifiers on the container labels **exactly** match identifiers on the custody form.

6.17.4 Samples are received within holding time.

6.17.5 Container labels are present, intact and legible.

6.17.6 Sample collection date and time are provided on both the COC and container labels.

6.17.7 Sample volumes, types of containers and preservatives meet the

requirements of the Guidelines for Sample Bottles and Preservatives, (Attachment 4).

6.17.8 Client supplied extra volume for QC on at least one sample (Check *NO* if requested and not supplied; *NA* if not requested).

6.17.9 Determine if samples require splitting or compositing. If required, complete a Priority Form (Attachment 3).

6.17.10 Presence of multiple phases in any of the samples (e.g., solids and liquid or multiple liquid phases).

6.17.11 If there is no field for the field sampler's name on the COC question 5 is N/A.

6.17.12 If there are no VOA Vials 12&13 are N/A.

6.17.13 Stop at Login Checks Section.

6.17.14 Initial on line at top right of questions field.

6.18 Corrective Action for Sample Receipt Discrepancies

Any discrepancies must be noted on the checklist. NCMs will be written during the log in process.

6.19 Sample Login

6.19.1 The Project Manager must be contacted before logging in any unusual matrices for correct log in instructions.

6.19.2 The COC "received by" field must be signed with EET-DEN and the signature of receiving analyst.

6.19.3 Samples are logged into the Eurofins Denver LIMS System (TALS). Refer to the User Guide in Attachment 6 or specific TALS instructions.

6.19.4 The Login application in TALS is divided into three different modules, Receipt, Login, and Job. Each module performs a distinct function in the login process.

6.19.4.1 The Receipt module allows the lab to receive samples, print container labels, and document the condition of the samples and cooler upon receipt. The act of receiving samples in TALS starts the login process.

6.19.4.2 In the Login module, sample information (client sample identifiers, sample matrix, sampling date/time) are entered for each of the received samples. A project containing the client requirements (created by the project manager prior to sample receipt) will be used to login samples. The project contains the method chains,

project limits and reporting requirements for the samples. In the login module, methods are selected from the project in accordance with the chain of custody for each sample. By using the project as the client's template for login, the sample receiving group can log jobs more efficiently. It is important to note that even though a job is logged in and samples may be distributed to the lab for work, the data will not calculate until the login has been reviewed and approved by the project manager or designee.

6.19.4.3 The last module in the login application is the Job module. Each job is equivalent to a login when the login is first created. A login can then be split into several jobs (each job with a separate set of reporting requirements) or several logins can be joined to create one job (a sample delivery group). Each job contains a separate set of deliverables, client contacts, pricing, and turnaround times. The project manager will review the login as a whole and the pricing and deliverables for each job separately.

6.19.5 The User Guide (Attachment 6) describes how to receive a sample delivery, login a sample delivery, and work with jobs in TALS.

6.19.6 All containers will be designated a storage location based on test as listed below:

Method	**Storage Location**
624, 8260	VOA fridge assigned each day.
6010, 6020, other nonrefrigerated samples	Metals Storage
8021, 8015_GRO, 602, 8011, EDB, DBCP, RSK-175, AK 101	VS-8 or ARC-1
All other work for Denver	Main Walk-in – shelf number assigned each day
Subouts – non-volatile samples	Sub shelves in the Main Walk-in
Subouts – Volatile samples	Sub shelves in the Main Walk-in

6.19.7 Generate labels according to the COC.

6.19.8 Sign the COC with the date and time that the cooler was received. Place the COC label (generated in Section 6.19.6) on the COC and scan into TALS.

6.20 Labeling

6.20.1 Remove containers from box covered in ice packs and lay-out per sample ID.

6.20.2 Place labels onto lids of container based on container type and sample ID. Avoid sticking onto other stickers such as preservation labels.

6.20.3 Labels for VOA Soils are **NOT** affixed directly onto the sample bottles but are attached with a rubber band.

6.20.4 Check TALS label for match to container label

- Sample ID
- Sample Time/Date
- Container Type

6.20.5 Once information is confirmed as matching place label on container side. Orient vertically so barcode on TALS label lays flat.

6.20.6 On containers too short for entire sticker to fit, e.g., 2 oz soil jars, still place sticker vertically.

6.20.7 DuPont PFOA stickers also go directly onto each PFOA container.

6.20.8 Samples are boxed by type (i.e., test group/storage location).

6.20.9 Separate by storage location. MS Storage in one box, Walk-in Shelf # in another box, Sub in another, etc. Ensure that all VOA water samples (including trip blanks, field blanks, etc.) are put in separate boxes from VOA soil samples.

6.20.10 Print off login number labels and put on front of box.

6.20.11 Label front of all boxes with any potential sample archiving duration sticker indicated on checklist.

6.20.12 Label front of all boxes with any necessary radioactive materials sticker and radioactive materials stickers also go on every container for samples from known rad sites or samples determined to be radioactive.

6.21 Additional Preservation Checks

6.21.1 Place ice back on containers in the labeled boxes

6.21.2 The pH of any non-volatiles samples must be checked at time of receipt for DoD, DOE, and West Virginia work **ONLY, (**unless specified in the project.). For all other work mark NA for Item 19 on the Sample Receiving Checklist. (See Attachment 1a.)

6.21.2.1 Refer to “Guidelines for Sample Bottles and Preservatives” (Attachment 4) to determine what the pH should be.

6.21.2.2 Do not perform pH check on samples marked for volatile organics, oil and grease (Method 1664A or HEM) or TOC tests. These will

be done later by VOA or Wet Chem analysts.

6.21.2.3 If the COC or other paperwork accompanying samples from DOE sites indicates that the samples may contain beryllium, beryllium oxide, and/or asbestos, do not open the sample container itself. These samples must be handled under appropriate ventilation to ensure contamination control and minimize possible worker exposure. If these are liquid samples that require pH checks, these checks must be performed in a hood. Note the sample handling requirement on the back of the checklist so that the PM may add a method comment for the lab to handle samples in a fume hood.

6.21.2.4 For non-volatile tests requiring chemical preservation, open the bottle, remove a few tenths of a milliliter of sample with a disposable transfer pipette and touch the pipette tip to wide-range pH strips. Compare the color that develops immediately to the color chart.

6.21.2.5 Discard the pipette and any unused sample.

6.21.2.6 Mark the form indicating that the pH check was performed on all samples.

6.21.2.7 List the sample number and pH for any samples not meeting requirements on the CUR and contact the PM.

NOTE: Any analytical data resulting from improperly preserved samples must be accompanied by a statement in the narrative indicating the condition of the sample upon receipt and provide sufficient information to end data users regarding regulatory non-compliance.

6.21.3 Verify that the preservation is marked on VOA vials and confirm the test for which it was logged to ensure proper holding time is assigned.

6.21.4 Check whether or not non-volatiles samples require preservation with sodium thiosulfate as indicated in the project notes in TALS. If sodium thiosulfate is required, determine if the sample contains residual chlorine.

6.21.4.1 Samples that must be checked for residual chlorine include:

a) Drinking waters,

b) Process water samples suspected or known to contain chlorine,

c) Water samples from North Carolina, unless knowledge from the site indicates it is not required.

6.21.4.2 Samples should be checked for the presence of residual chlorine with starch iodide paper. Samples containing residual chlorine

will develop a dark blue stain, caused by iodide being oxidized to iodine and reacting with the starch.

6.21.4.3 If samples are positive for residual chlorine, the PM must notify the client for instructions on how to proceed with the samples. If the client wishes to have the samples treated with sodium thiosulfate, the samples will be sent to the Wet Chemistry Department to perform the neutralization.

6.21.5 Complete the Login Checks, Archive Requirements and Labeling and Storage Checks sections of the Sample Receiving Checklist. See Section 6.22 for Sample Storage.

6.21.6 If the project includes any tests with short holding times fill out a Priority Form (Attachment 3), copies are made for each lab area receiving short holds. A copy is made for each short hold test in Wet Chem. Short hold samples are delivered to lab areas frequently throughout the day or the lab area sends a representative to pick up the samples in the Sample Receiving area. **A signature from the area accepting the samples is required before samples are transferred to the work area.**

NOTE: If no one is in the work area to receive the samples, the samples are stored as indicated in Section 6.22 until the samples can be signed for by an individual in the work area.

6.21.7 For jobs that have short holds or rapidly expiring samples Login staff must login release and login review these jobs.

6.21.8 A folder is created for the sample lot. A complete folder contains:

- A file folder labeled with the lot number
- Chain-of-custody forms
- Freight bills
- The completed Sample Checklist
- Priority Forms, if used
- Any paperwork the client supplied with the samples

6.21.9 Deliver the project folder to the PM's bin box in Sample Receiving for review and approval. The PM (or designee) collects the folders for review the login for the items outlined in WI-DV-036 *PM Login Review Items*.

6.21.10 The PM or designee works with the client, as needed, to resolve any items noted on the Sample Receiving checklist and communicates the resolution to the responsible parties.

6.21.11 Enter any data from RADACC forms into the RADDAC database. See SOP DV-RS-0001 *Purchase, Receipt Handling, and Identification of Radioactive Material.* Once the data are entered the form is placed in the RADACC form bin. These are delivered to the RSO weekly.

6.22 Sample Storage

6.22.1 Samples are stored in the walk-in cooler, except:

- Samples for volatile organics analysis (VOA) are taken directly to the VOA area refrigerators or temporarily placed on a cart in the Main Walk-in until delivery to the VOA areas.
- Water samples for metals analysis are picked up by an analyst from the Metals group.
- Known high level/high hazard samples are stored in Refrigerator AASG8.
- Samples for short-hold tests are temporarily placed on a cart in the Main walk-in until delivered to the lab. The lab analyzes these samples immediately and returns them to the storage location designated at log-in when done with the samples.

6.22.2 VOA soil samples preserved with DI water are stored in the freezer in the Sample Receiving area until transport to the VOA area. Verify by visual inspection at the base of the container that all samples to be put in the freezer are soil samples and that no water samples are present.

NOTE: Do not invert sample containers. Inspect vials without inverting.

6.22.2.1 Any water samples found must be reboxed and refrigerated.

6.22.2.2 After samples are placed in the freezer in either Sample Receiving or the VOA areas, complete the VOA Sample Freezer Verification Form (Attachment 5) found in the pocket on the freezer door. Signature or initials on this form indicate that samples have been visually inspected and only soil samples are placed in the freezer.

6.22.3 The shelf number where samples are stored in the walk-in cooler or the remote storage location is indicated on the sample labels. Verify that samples are put on the correct shelf.

6.22.4 Consult SOP DV-QA-0019 *Quarantine Soils Procedure*, for proper storage of samples or coolers labeled with “Quarantine Sample” stickers or other USDA labels. A special set of shelves in the walk-in cooler is marked for storing only quarantine samples.

6.22.5 Consult SOP DV-RS-0001 *Purchase, Receipt, Handling and Identification of Radioactive Material* for the proper labeling and storage of samples received from radioactive sites or potentially radioactive sites.

6.22.6 Sample transfers are documented in TALS (See SOP DV-QA-0038 *Internal Chain of Custody and TALS*). Samples are kept in the walk-in cooler and the satellite areas until final results have been reported to the client. The samples are then moved to the sample archive area according to SOP DV-

HS-0005 *Excess Sample Material Management* unless special instructions state otherwise.

6.23 The ideal situation is not to roll coolers. Laboratory management will make its best effort to staff the login group with the appropriate number of people required to log in all coolers received daily. The average numbers of coolers a technician should log each day is 15. If 150 coolers are received in a day then 10 people are needed. If the daily staff is only at 8 then management will try to find 2 more people to help out.

6.23.1 Although every effort is made to log all samples received on day of receipt, volume of receipts may dictate that some coolers are logged after the date of receipt. The COC must be signed on the day of receipt and must be signed with the receipt date and time, not the log-in date and time.

6.23.1.1 Any coolers that have not been logged are reviewed and evaluated at the end of the day to assess if they can be "rolled" i.e., no 48 hour analysis, short turn around times and rapidly expiring hold times.

6.23.1.2 As each cooler is reviewed, sign the COC, if it has not already been signed, with the date and time the cooler was received.

6.23.1.3 After cooler assessment is completed, an email with a list of all clients and number of coolers that were not logged is sent to the Project Management group.

6.24 Subcontract Work

All sub-out work will be performed according to SOP DV-QA-0036 *Sub-out Work Sample Management and Chain of Custody*. These samples are placed on the Sub shelves in the Main Walk-in and VOA samples are placed in the Login VOA refrigerator until they are packaged for shipment.

6.25 Relogging and Relabeling Samples

6.25.1 If a job must be relogged the sample receiving staff will print a copy of the original chain of custody and ensure that all samples in the job are identified, located, relogged, relabeled and reshelved.

6.25.2 The relogging event must be documented in an NCM such that the original job number is linked to the new job number and this is attached to the new job in TALS.

6.26 Sample Archiving

6.26.1 Samples are archived and maintained per SOP DV-HS-0005 *Excess Sample Material Management*.

6.26.2 Aqueous and soil samples and empty bottles will be taken from all storage areas and transferred to the sample archive area. If a job is cancelled, the

archivist must contact the Sample Control Supervisor to assess when the samples can be archived. The samples **must** remain in cold storage until it can be confirmed that they are to be archived.

6.26.3 While samples are in archiving, they are under the custody of the Waste Management Group and documentation of the destruction of samples will be recorded per SOP DV-HS-0005 *Excess Sample Material Management*.

6.27 Sample Returns

If samples are returned to the client before samples are archived, the Sample Receiving Group shall document the return shipment in TALS. (See SOP DV-QA-0038 *Internal Chain of Custody and TALS*.)

7.0 RESPONSIBILITIES

7.1 Sample Receiving Personnel

7.1.1 The Sample Receiving personnel are responsible for the login of samples, including signing the Chain-of-Custody forms upon receipt of samples, completing the Sample Receiving Checklist, reading and complying with project login notes, noting short-holding-time parameters as identified on the Chain-of-Custody, identifying and documenting discrepancies on the back of the checklist, promptly notifying Project Managers of all discrepancies, and maintaining the samples in the walk-in cooler.

7.1.2 Sample Receiving personnel are required to take Department of Transportation (DOT) General Awareness, Safety, Security, and Function Specific training in order to sign for hazardous materials deliveries. This training must be completed within 90 days from starting in Sample Receiving, and until the training is completed personnel must work under direct supervision.

7.2 Project Managers

7.2.1 The Project Manager (PM) must build a project in the TALS database before samples can be logged into the system. The project includes information about the types of samples expected, extraction/digestion methods, and analytical methods to be used.

7.2.2 If not already available to Sample Receiving, the PM provides Sample Receiving staff with the project number to use as the basis for logging in samples.

7.2.3 The PM or designee is responsible for the verification of sample login using WI-DV-0036 *PM Login Review Items*. The PM contacts the client with any issues noted by the sample receiving personnel.

8.0 WASTE MANAGEMENT

8.1 All waste will be disposed of in accordance with federal, state and local regulations. Where reasonably feasible, technological changes have been implemented in this procedure to minimize the potential for pollution of the environment. Employees will abide by this method, the policies in Section 13 of the Environmental Health and Safety Manual, *Waste Management and Pollution Prevention*, and Policy DV-HS-001P *Waste Management Plan*.

8.2 Receipt of samples can generate several kinds of waste.

8.2.1 Non-radioactive and non-hazardous waste

8.2.1.1 The primary waste is non-hazardous, non-radioactive packing material that is considered regular trash and disposed into the dumpster and taken to a landfill.

8.2.1.2 If a sample breaks in transit from the client to the laboratory, the packing material and material used to clean the spill will be considered hazardous if the sample was shipped as DOT hazardous.

8.2.1.3 Samples that are not shipped as DOT hazardous do not require special labeling or special notification to the Waste Management group. They are handled as described in SOP DV-HS-0005 *Excess Sample Material Management*.

8.2.2 Non-radioactive hazardous waste

Samples which are sent with prior knowledge of the hazardous constituents within a sample, need to be properly labeled by the client, i.e., PCB labels, etc. If a container carrying a known hazardous sample breaks in transit, all the material in that container must be assigned the same hazard classification as the broken sample. Sample Control will not disturb the contents of the container. Sample Control will contact Waste Management who will dispose of the broken contents and lab trash and rinse unbroken sample containers, trapping and disposing rinse water, per SOP DV-HS-0005 *Excess Sample Material Management*.

8.2.3 Radioactive waste

Samples that are known or designated by the client to be potentially radioactive should be segregated and received following SOP DV-RS-0001 *Purchase, Receipt, Handling, and Identification of Radioactive Material*. If a container carrying known radioactive material (above DOT limits) breaks, all material in the shipping container must be considered radioactive. Contact the RSO (or designee) for instructions and guidance.

9.0 ATTACHMENTS

Attachment 1a: Example Sample Receiving Checklist
Attachment 1b: Example Alaska Sample Receiving Checklist
Attachment 2: Example Eurofins Denver Chain of Custody
Attachment 3: Example Priority Form
Attachment 4: Example Guidelines for Sample Bottles and Preservatives
Attachment 5: Example VOA Sample Freezer Verification Form
Attachment 6: User Guide for Login of Samples into TALS

10.0 REVISION HISTORY

This section has been added beginning with Revision 0. Only details of the last two revisions are incorporated into this SOP. Prior revisions are documented in the QA files and available upon request.

Revision 32 dated 08/04/2023

- Annual Review
- Updated copyright information
- Updated 6.19.1 from ETA-DEN to EET-DEN

Revision 31 dated 6/29/2022

- Annual Review
- Updated copyright information
- Changed Eurofins TestAmerica to Eurofins Denver throughout
- Updated language and formatting throughout

Attachment 1a

Example Sample Receiving Checklist

TestAmerica Denver **Sample Receiving Checklist**
DV-QA-0003

Login #:_____ Date/Time Received:_____

Company Name & Sampling Site: _____

Time Zone: • EDT/EST • CDT/CST • MDT/MST • PDT/PST • OTHER State:

Document any problems or discrepancies and the actions taken to resolve them on a Condition Upon Receipt Anomaly Report (CUR)

Temp_____ IR#_____ Temp_____ IR#_____ Temp_____ IR#_____ Temp_____ IR#_____

CF__-0.2____Initials_____ CF__-0.2____Initials_____ CF__-0.2____Initials_____ CF__-0.2____Initials_____

Date_____ Date_____ Date_____ Date_____

N/A	*Yes*	*No*		***Initials*** _____
☐	☐	☐	1.	Is radioactivity at or below background? BKG CPM:_____ CPM Reading: _____
☐	☐	☐	2a.	Is a custody seal present on the cooler?
☐	☐	☐	2b.	If yes, is the cooler's custody seal intact?
☐	☐	☐	2c.	Do cooler or samples appear to not have been compromised or tampered with?
☐	☐	☐	3a.	Were samples received on ice?
☐	☐	☐	3b.	Is cooler temperature acceptable?
☐	☐	☐	3c.	Has temperature been recorded?
☐	☐	☐	4.	Is COC present; filled out in ink and legible; and filled out with all pertinent information?
☐	☐	☐	5.	Is the Field Sampler's name present on the COC?
☐	☐	☐	6a.	Are there no discrepancies between the **sample IDs** and/or **collection date and time** on the containers and the COC?
☐	☐	☐	6b.	Are there no discrepancies between the container types and those listed on the COC?
☐	☐	☐	7.	Are samples received within Holding Time?
☐	☐	☐	8.	Do sample containers have legible labels?
☐	☐	☐	9.	Are all sample containers intact (not broken or leaking)?
☐	☐	☐	10a.	Are appropriate sample containers used?
☐	☐	☐	10b.	Are sample bottles completely filled? (Perchlorate bottles ≥ 1/3 head space)
☐	☐	☐	10c.	Is sufficient volume for all requested analyses, incl. any requested MS/MSDs provided?
☐	☐	☐	11.	No splitting or compositing of samples required?
☐	☐	☐	12.	Do all VOA sample vials have no headspace or bubbles >6 mm (1/4") in diameter?
☐	☐	☐	13.	Were VOA vials labeled as preserved? ☐ HCl ☐ 0-6% ☐ Sodium Thiosulfate ☐ Ascorbic Acid ☐ Other
☐	☐	☐	14.	Are all samples single phase? (i.e., no multiphasic samples are present.)
Login Checks:				***Initials*** _____
☐	☐	☐	15.	Was a Priority Form completed for any short holds or quick TATs?
☐	☐	☐	16.	Were any tests logged for subcontract?
☐	☐	☐	17.	Were special archiving instructions and login instructions indicated in the Project Notes?

Note Archive Requirements: _____

☐	☐	☐	18.	Were multiple Series logged for this job?
Labeling and Storage Checks:				***Initials*** _____

pH Check Required? ☐ Yes ☐ No Residual chlorine check required: ☐ Yes ☐ No Quarantined: ☐ Yes ☐ No

☐	☐	☐	19.	Was Sample Preservation verified and found to be correct? (excluding VOA, Oil & Grease, and TOC volumes)
☐	☐	☐	20.	Was Residual Chlorine checked and noted on the CUR if present?
☐	☐	☐	21.	If subcontract work was requested, was volume placed on sub shelf?
☐	☐	☐	22.	Were Terracore/Encores delivered to VOA lab?
☐	☐	☐	23.	Did the sample ID on TA label match the client's sample ID on container?
☐	☐	☐	24.	Were stickers for special archiving instructions affixed to each box?

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Example

Attachment 1b

Example Alaska Sample Receiving Checklist (page 1 of 2)

TestAmerica Denver **Alaska Sample Receiving Checklist** *(One per Cooler)*

Login #:_____

Receipt of cooler: *Initials*:_____ Date/Time Received:_____Contractor Cooler:_____ Lab Cooler:_____

Date/Time Cooler Opened:_____ Opened by:_____ Number of Coolers:_____

Company Name & Sampling Site: _____

Document any problems or discrepancies and the actions taken to resolve them on a Condition Upon Receipt Anomaly Report (CUR)

Unpacking Checks: ***Initials*** _____ (Mark what temp. was taken from = Sample Bottle (S) or Temp. Blank (T)) ***IR Gun#*** _____

Corrected Temps (°C): _____(S or T) Uncorrected Temps (°C): _____(S or T) Correction Factor (°C) _____

N/A	*Yes*	*No*	
☐	☐	☐	1. Did cooler come with Shipping slip (air bill)? Carrier name:_____ Air Bill number:_____
☐	☐	☐	2. Is the shipper's packing slip attached to this form?
☐	☐	☐	3. Were custody seals on outside of cooler? How many & Where:_____ Seal date: _____ Seal Name:_____
☐	☐	☐	4. Were the custody seals signed and dated correctly?
☐	☐	☐	5. Is the cooler's custody seal intact? Do cooler or samples appear to not have been compromised or tampered with?
☐	☐	☐	6. Is radioactivity at or below background? BKG CPM:_____ CPM Reading: _____
☐	☐	☐	7. Were samples received on ice? Was sufficient ice used? Describe type of packing in cooler: _____
☐	☐	☐	8. Is cooler temperature acceptable? Has temperature been recorded?
☐	☐	☐	9. Were custody papers in a plastic bag & taped inside the lid?
☐	☐	☐	10. Is COC present; filled out in ink and legible; filled out with all pertinent information; Field Sampler's name present?
☐	☐	☐	11. Were custody papers signed in the appropriate place?
☐	☐	☐	12. Are samples received within Holding Time?
☐	☐	☐	13. Were all bottles sealed in separate plastic bags?
☐	☐	☐	14. Are there no discrepancies between the sample IDs on the containers and the COC?
☐	☐	☐	15. Do sample containers have legible labels? Are all bottle labels complete?
☐	☐	☐	16. Are all sample containers intact (not broken or leaking)?
☐	☐	☐	17. Are appropriate sample containers used? Are sample bottles completely filled? (Perchlorate bottles ≥ 1/3 head space) Is sufficient vol. for all requested analyses incl. any requested MS/MSDs provided?
☐	☐	☐	18. No splitting or compositing of samples required?
☐	☐	☐	19. Was Sample Preservation verified and found to be correct? (excluding VOA, Oil & Grease, and TOC volumes)
☐	☐	☐	20. Do all VOA sample vials have no headspace or bubbles >6 mm (1/4") in diameter?
☐	☐	☐	21. Adequate number/volume of VOA vials received?
☐	☐	☐	22. Were VOA vials labeled as preserved? Preservative ☐ HCl ☐ 0-6°C ☐ Sodium Thiosulfate ☐ Ascorbic Acid
☐	☐	☐	23. Are all samples single phase? (i.e., no multiphasic samples are present.)
☐	☐	☐	24. Was Residual Chlorine checked and noted on the CUR if present?

Login Checks: ***Initials*** _____

N/A	*Yes*	*No*	
☐	☐	☐	25. Samples logged by:_____Date:_____Signature:_____
☐	☐	☐	26. Was a Priority Form completed for any short holds or quick TATs?
☐	☐	☐	27. Were any tests logged for subcontract?
☐	☐	☐	28. Were special archiving instructions and login instructions indicated in the Project Notes?

G:\QA\Edit\FORMS\Sample Receiving\Alaska Sample Checklist_Rev 2.doc 1/31/2017

Example

Attachment 1b

Example Alaska Sample Receiving Checklist (page 2 of 2)

TestAmerica Denver **Alaska Sample Receiving Checklist** *(One per Cooler)*

Note Archive Requirements: _____

☐ ☐ ☐ 29. Were multiple Series logged for this job?

☐ ☐ ☐ 30. Was the project manager called and status discussed? (If yes, give details on the bottom of this form)

Who was called?_____ By Whom?_____ (date)_____

Labeling and Storage Checks: ***Initials*** _____

N/A Yes No

☐ ☐ ☐ 31. If subcontract work was requested, was volume placed on sub shelf?

☐ ☐ ☐ 32. Did the sample ID on TA label match the client's sample ID on container? ***Verified by:*** _____

☐ ☐ ☐ 33. Were extra labels added to pre-tared containers?

☐ ☐ ☐ 34. Were Terracore/Encores delivered to VOA lab?

☐ ☐ ☐ 35. Were stickers for special archiving instructions affixed to each box?

SDG labels applied ***(initials):*** _____ ***Verified by:*** _____

Example

COMPANY CONFIDENTIAL AND PROPRIETARY

Attachment 2

Example Eurofins Denver Chain of Custody

>> Select a Lab or Service Center <<

#N/A
#N/A
#N/A
#N/A

Chain of Custody Record
Sample Origin: State of Nevada

eurofins Environment Testing America

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☐Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact	Project Manager:	Site Contact:	Date:	TALS Project #:
Your Company Name here	Email:	Lab Contact:	Carrier:	COC No:
Address	Tel/Fax:			____ of ____ COCs
City/State/Zip	Analysis Turnaround Time			Sampler:
(xxx) xxx-xxxx Phone	☐ CALENDAR DAYS ☐ WORKING DAYS			For Refer to note below.
(xxx) xxx-xxxx FAX	TAT if different from Below _____			For Lab Use Only:
Project Name:	☐ 2 weeks			Walk-in Client:
Site:	☐ 1 week			Lab Sampling:
P O #	☐ 2 days			Job / SDG No.:
	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)										Sample Specific Notes:

* I attest to the validity and authenticity of this (these) sample(s). I am aware that tampering with or intentionally mislabeling the sample(s) location, date or time of collection may be considered fraud and subject to legal action (NAC445.0638)
Signature: _____ Date: _____

Preservation Used: 1=Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☑ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-004, Rev. 1.31, dated 1/8/2021

EXAMPLE

Attachment 3

Example Priority Form

TestAmerica Denver
Priority Form

Log-in Number: _____ **Project Manager:** _____

Client: _____

	Initials:	Date/Time:
Receiving		
Dept. Rep. / Analyst		

Time Zone:

EDT/EST	CDT/CST	MDT/MST	PDT/PST
Other:			

HT	Analysis	Min Volume needed (mL)	Method	Sample(s)	MS/MSD Required
Cr+6	Chromium (VI) (24 h) [Circle Method]	100	3500-Cr B/D or 7196A		
Priority I	Turbidity	50	180.1		
	Biological Oxygen Demand	1000	5210 B		
	Carbonaceous BOD (cBOD)	1000	5210 B		
	Cyanide Preservation	100	335.4 / 4500-CN		
	Color	100	2120 B		
	Nitrite by Spec (COC May Only list Nitrate)	100	353.2 / 4500-NO_3 B		
	Orthophosphate by Spec.	50	365.1*		
	Nitrate by IC	50	300.0 / [illegible]		
	Nitrite by IC	50	300.0 / 9056		
	Orthophosphate by IC	50	300.0 / 9056*		
	Settleable Solids	1000	SM2540F		
	VOA 624 Unpreserved (A/A/2C)	[illegible]	624_5mL_UP or 624_5mL_UP_3d		
Priority II	Dissolved Oxygen	100	4500-O G		
	Free Carbon Dioxide (CO_2)	100	4500-CO_2		
	Sulfite (SO_3^{2-})	100	4500-SO_3 B		
	pH (water)	100	4500-H B / 9040 / 9045		
	pH (soil Hanford)	5 g	9045C		
	Ferrous Iron	100	3500-Fe D		
826[illegible] Terracores	☐ **Check if required**: Coring device non-extruded requires extrusion and freezing within 48 hours.				
	☐ **Check if required**: A plug of dirt in an empty vial - place in the freezer within 48 hours for preservation				

Preserve: ☐
Preserve: ☐
Filter: ☐
Split: ☐
Composite: ☐

7 Day Holds - Delayed by FedEx or Held by Client

☐ TSS 2540D	☐ Sulfide 9030B	☐ 8081 / 608 (H_2O)	☐ 8270 / 625 (H_2O)
☐ TDS 2540C	☐ Sulfide 9034	☐ 8082 / 608 (H_2O)	☐ 8015 DRO (H_2O)
☐ VOA 524.2	☐ Total Solids 2540B	☐ 8141 (H_2O)	
☐ VSS 160.4	☐ Sulfide 4500 S2	☐ 8151 (H_2O)	

Tests	Samples		Rapidly Expiring	24 TAT	48 TAT	72 TAT	Other:

*Orthophosphate by methods 300.0 and 365.1 require field filtration within 15 minutes of collection.

DV-F-0082_Priority Form_Rev 7_06-21-2019

Example

Attachment 4

Example Guidelines for Sample Bottles and Preservatives (page 1 of 3)

TestAmerica Denver

SAMPLE BOTTLES AND PRESERVATIVES

(Unless otherwise noted all samples must be cooled to 4° Celsius)

References 40 CFR 136.3, Table II

	Parameter	Container	Chemical Preservatives
Aqueous Matricies	Alkalinity, BOD, Chloride, Color, Residual Chlorine, Chromium VI, Conductance, Fluorine, MBAS, Nitrite, Orthophosphate, Total Dissolved/Suspended Solids, Sulfate, Sulfite, pH, Nitrate	1000 mL poly HDPE (NM)	None
	Ammonia, COD, TKN, TON, Nitrate + Nitrite, Total Phosphate, TOC	500 mL glass (BR)	2 mL 50% Sulfuric Acid, pH <2
	Phenolics	500 mL glass (BR)	2 mL 50% Sulfuric Acid, pH <4
	TPH, Oil & Grease	Two (2) 1000 mL glass (BR)	4 mL 50% Sulfuric Acid, pH <2
	Metals (excluding Hg), Hardness	500 mL HDPE (NM)	5 mL 20% Nitric Acid, pH <2
	CLP Metals (excluding Hg), Hardness	1000 mL HDPE (NM)	10 mL 20% Nitric Acid , pH <2
	Radiochemistry	Two (2) 1000 mL HDPE (NM)	20 mL 20% Nitric Acid, pH <2
	Carbon-14 (C-14), tritium (H-3)	One (1) 1000 mL amber glass	None
	Total and/or Free Cyanide	250 mL HDPE (NM)	2 mL 50% Sodium Hydroxide, pH > 12
	CLP Total and/or Free Cyanide	500 mL HDPE (NM)	4 mL 50% Sodium Hydroxide, pH >12
	Sulfide	Two (2) 250 mL HDPE (NM)	1 mL 1 N Zinc Acetate **and** 1 mL 50% Sodium Hydroxide, pH > 9
	Volatile Hydrocarbons, GRO	Three (3) 40 mL glass	200 µL Hydrochloric Acid, pH < 2
	Purgeable Organics	Three (3) 40 mL glass	200 µL HCl (pH < 2), if sample is chlorinated add 100 µL 2% Sodium Thiosulfate
	Glycols *OR* Alcohols (DAI)	Two (2) 40 mL glass	None (no headspace)
	Base, Neutral, Acid Compounds, Dioxins	Two (2) 1000 mL amber glass (BR)	None
	Pesticides, PCBs	Two (2) 1000 mL amber glass (BR)	None
	Herbicides	Two (2) 1000 mL amber glass (BR)	None
	TOX	One (1) 1000 mL amber glass	4 mL 50% Sulfuric Acid (pH < 2), if sample is chlorinated add 100 µL 2% Sodium Thiosulfate. Should be eliminated of headspace.
	Extractable Hydrocarbons, DRO	Two (2) 1000 mL glass (BR)	None
	Perchlorate by Method 6860	One (1) 125 mL HDPE/syringe/filter	None, Minimum 1/3 volume as headspace
	Bulk Water Analysis	1/2 gallon or 1 gallon glass (WM)	None
	Aquatic Toxicology Testing	Three (3) 1gallon cubetainers	None
Solid Matricies	Organics, TPH, Metals, Radiochemistry, Oil & Grease	500 mL glass (WM)	None
	Wet Chemistry	250 mL glass (WM)	None
	Purgeable Organics	125 mL glass (WM)	None
TCLP/SLP Matricies	Purgeable Organics (Solid phase)	Two (2) 125 mL glass (WM)	None
	All other analytes (Solid phase)	1000 mL amber glass (WM)	None
	Purgeable Organics (Multiphase)	Two (2) 250 mL glass (WM)	None
	All other analytes (Multiphase)	Four (4) 1000 mL amber glass (WM)	None

NM - Narrow Mouth; BR - Boston Round; WM - Wide Mouth; HDPE - High Density Polyethylene; ⊗ - Does not require temperature preservation

G:\QA\Edit\forms\sample receiving\bottles and preservatives 10-11-2013.doc Rev. 3 - Revised: 10-11-2013

Attachment 4 (cont.)

Example Guidelines for Sample Bottles and Preservatives (page 2 of 3)

INSTRUCTIONS

The bottles contained in this kit have been specially pre-cleaned in order to ensure the integrity of your samples. In addition, any required preservatives have been pre-dispensed into the bottles. In order to further ensure sample integrity and to expedite handling within the laboratory, we ask that you read and follow these instructions:

1. Do not wash out the bottles. They are pre-cleaned and contain the preservatives needed to prevent deterioration of the samples.

   Safety Note: BE CAREFUL! The preservatives added to the bottles are highly corrosive.

2. Avoid contamination. Do not mix the contents of different bottles or interchange caps.
3. Use a separate sample label for each bottle. You will notice a sticker with the preservative already attached to each bottle. Please do not cover this up; it helps the laboratory to identify preserved bottles.
4. If duplicates, spikes, and/or spike duplicates are required, please fill an extra set of bottles for each QC sample. If this presents a problem, contact the laboratory for instructions.
5. Determine if field filtering is required. Samples should be filtered **before** filling the bottles. Bottles containing samples which have been filtered in the field should be marked as such. This should be marked on the COC as well.
6. Sample bottles for volatile compounds (including TOX) must be filled completely, leaving no headspace. To check for headspace, turn the bottles upside down to make sure no bubbles are seen. Label each vial or bottle separately.
7. Some parameters have holding times of 48 hours or less. The samples must arrive at the lab within 24 hours of collection. The affected parameters are listed below. Please indicate on the chain-of-custody which (if any) are required.

BOD	CBOD	Orthophosphate by IC	MBAS/Surfactants
Nitrate by IC (300.0)	Nitrite by IC (300.0)	Orthophosphate by 353.2	Nitrate by 353.2
Color	Settleable Solids	Turbidity	Nitrite by 353.2
Nitrite by 4500-NO_2 B	Hexavalent Chromium	Fecal Coliform	Total Coliform

***NOTE:** Hexavalent Chromium and Fecal Coliform have a 24-hour holding time. If you are sampling for either of these tests, please keep the holding time in mind. It is best if the sampling takes place later in the day to avoid missing the holding time due to shipping delays.

8. Some parameters require preservation from the lab within 48-96 hours after the collection time. This includes 3030C metals, potentially dissolved metals, and encores. If you are planning on sending encores to the lab, please be sure to keep the hold time (must be preserved within 48 hours of collection) in mind when sending the samples to the lab. Be sure to let your Project Manager know when you expect the encores to arrive at the lab.
9. Use regular ice for cooling samples. "Blue Ice" packs placed inside plastic bags are recommended only when regular ice is not available.
10. In case problems arise with your sample shipment, please indicate the name and telephone number of a person who can be contacted. This person should be available at the time the samples are expected to arrive at the lab, including Saturdays.

If you have any questions, please call (303) 736-0100

G:\QA\Edit\forms\sample receiving\bottles and preservatives 10-11-2013.doc Rev. 3 - Revised: 10-11-2013

Attachment 4 (cont.)

Example Guidelines for Sample Bottles and Preservatives (page 3 of 3)

CHAIN OF CUSTODY INSTRUCTIONS

IF THE CUSTODY SEAL ON THE OUTSIDE OF THE SAMPLE BOTTLE KIT IS BROKEN UPON RECEIPT, **DO NOT CONTINUE**!!! THE BOTTLES MAY HAVE BEEN TAMPERED WITH DURING SHIPMENT. CALL YOUR PROJECT MANAGER AT (303) 736-0100 AND EXPLAIN THE SITUATION. THE PROJECT MANAGER WILL ADVISE YOU AS TO HOW TO CONTINUE.

Completely filling out the CHAIN OF CUSTODY record is very important. Please be sure to include ALL sample collection dates and times (military time only); the sample ID's (as you wish them to be reported on your final data report) and the analytical tests requested. Your company name, project contact and company address and phone number must be included on the CHAIN OF CUSTODY if the laboratory is to accurately perform and report the requested tests. Make sure that turn around times that differ from the quote, short holds, and any other special instructions are properly marked on the chain of custody to ensure the laboratory can identify such items. **We have attached a sample copy for your reference.**

In order to fully relinquish the samples to the laboratory, you must sign, date and record the time you transferred the samples to the laboratory. If you are shipping the samples to the laboratory, relinquish at the time you relinquish the samples to the shipper. You may mark the shipper under the comments section or the carrier/waybill number section of the chain of custody if appropriate.

After you have relinquished the Chain of Custody, keep the pink copy for your records and place the other two copies into the supplied plastic ziploc bag. This is important. If the ziploc bag is not closed, ice water may damage the chain of custody. Be sure to place the ziploc bag into the sample kit when you return the filled sample bottles to the laboratory.

Please feel free to contact your TestAmerica Project Manager if you have any questions on filling out this document.

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Attachment 5

Example VOA Sample Freezer Verification Form

VOA Sample Freezer Verification Form
Freezer ID:_____

JOB #	VERIFIED NO WATER SAMPLES PUT IN FREEZER BY:	Date Sample Placed in Freezer:	Time Sample Placed in Freezer:

G:\QA\Edit\FORMS\Sample Receiving\VOA Freezer Check_Rev 2.doc
Revision 2 12/06/2012

Example

Attachment 6

Login

Issued: 01.31.06
Re-issued: 00.00.00
Version 1.1

User Guide for Logging Samples into TALS

To Start:

1. From the main menu, select *Sample Management* by double clicking the application.
2. From the Sample Management menu, select *Login* by double clicking the application.

To Receive a Sample Delivery Group

1. Click the [NEW] button on the toolbar located at the top of the screen.
1. Click [Yes] to create a new Login.

Receipt - Info

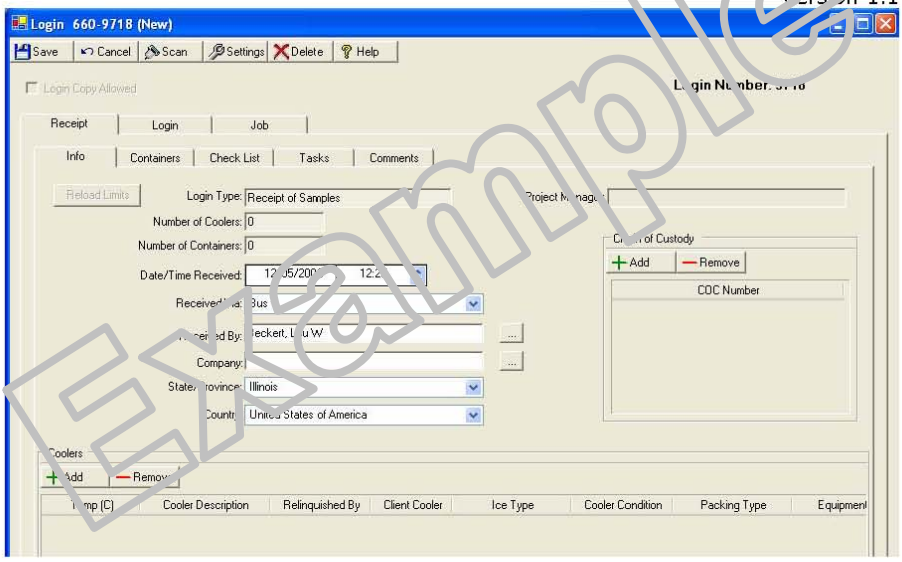
When samples arrive at the laboratory, they must first be received in the LIMS. By keeping these modules separate, the sample receiving group can start the login, receive the samples and print the labels for the sample. Rush samples can then be moved directly into their respective labs to begin work before the samples are completely logged. Until the sample login is complete, the samples will not relate to the login. All samples MUST be received before the login can be completed.

1. In each field below, enter the following:

Attachment 6 (cont.)

Login

Issued: 01.31.06
Re-issued: 00.00.00
Version 1.1



Example

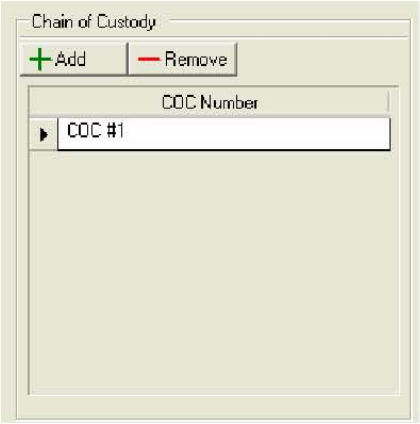
- **Login Type** – this defaults to Login when a new login is chosen
- **Number of Coolers** – this will be filled in with the information supplied in the cooler section
- **Number of Containers** – this will be filled in with the information supplied in the container tab
- **Date/Time Received** – this will default to the time the login was created. To change this date/time to the actual receipt date/time noted on the COC, use the drop down/up arrows in each field
- **Received Via** – mode of delivery of the samples (courier, client pickup, etc)
- **Received By** – this is the individual who received the samples and signed the chain of custody.
- **Company** – this is the client who sent the samples. This is an optional field
  - Note: *If a company is chosen in this field, the **PROJECT LOOKUP** on the **LOGIN TAB** will automatically be filtered to display active projects from only that company.*
- **State/Province** - Enter the State where samples were collected – this is a required field
- **Country** – this defaults the United States but must be changed if the samples were actually taken outside of the United States.

2. Click [Add] in the "Chain of Custody" section to enter the Client's Chain of Custody numbers.
   - Note*: Entering one (1) chain if custody will automatically add the COC number to all containers. If more than one COC is entered, a COC must be selected manually for each container. This may be done on the Containers tab*

Attachment 6 (cont.)

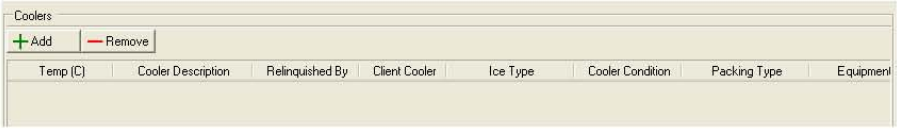
Login

Issued: 01.31.06
Re-issued: 00.00.00
Version 1.1



3. Click [Add] in the "Coolers" section of the screen to enter the Cooler information:

- **Temp (C)** - the internal temperature of the cooler upon receipt
- **Cooler Description** –a description of the physical cooler, whether it be a thermal cooler, insulated box or other container
- **Relinquished By** –the individual that signed the Chain of Custody and relinquished the custody of the samples to the laboratory sample custodian
- **Client Cooler** – Check this box if this is a client provided cooler (not an STL cooler)
- **Ice Type** – type of ice that the samples were packed in (drop down list)
- **Cooler Condition** – the physical condition of the cooler upon arrival
- **Packing Type** – the type of cushioning material used to keep the samples from breaking in transport
- **Equipment** – any equipment (sampling equipment, balances, palm pilots, etc) packaged with the samples
- **Comments** – free form text field to enter any additional information about the cooler



Receipt - Containers

1. Click [**Add**] to enter the number of SAMPLES RECEIVED in the SAMPLES Section of the form.
2. Enter the total number of containers received per sample in the space provided in the **#Containers** field.

Attachment 6 (cont.)

Login

Issued: 01.31.06
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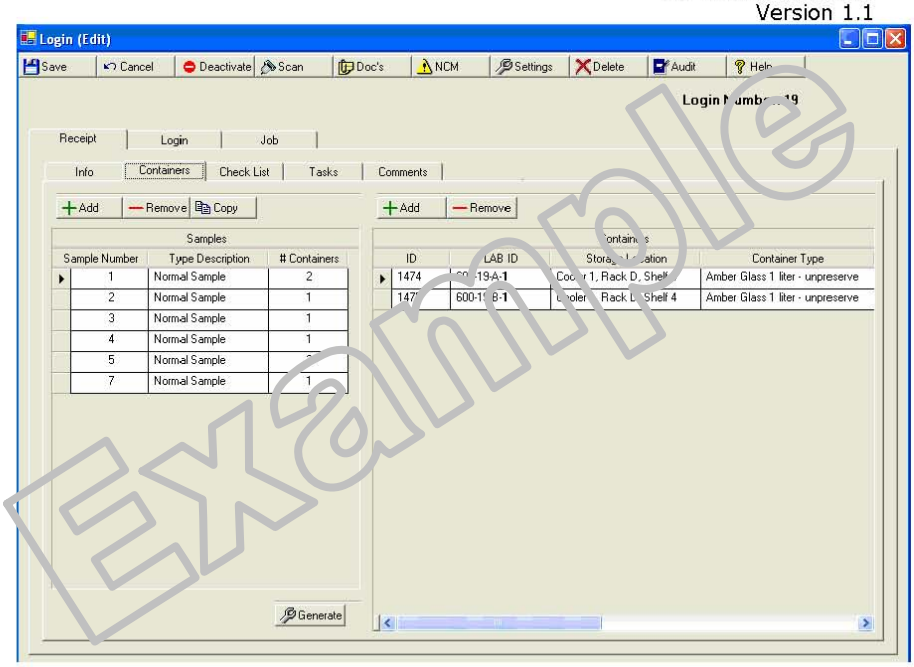
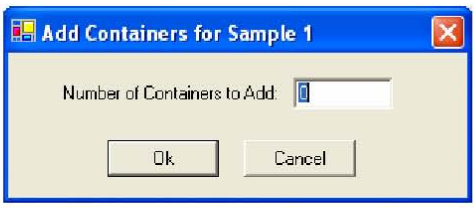


Example

3. Click [**Generate**] to create the container records in the CONTAINERS Section of the form.
   - Containers can also be added manually for each sample by selecting the sample in the Samples grid and then clicking the [Add] button on the Containers grid. The box below will be displayed to enter the number of containers desired for the sample.



4. After generating the CONTAINER records, fill in the following information in each of the fields in the container grid (fields are represented from left to right – scroll to the right to see the remaining fields)
   - **ID** – this is the unique container id assigned by the LIMS – no entry is allowed in this field
   - **Lab ID** – this is a combination of the login location, the login number, the alpha occurrence of the container for that sample (A = 1, B = 2, etc.) and the sample number itself. The ID and Lab ID both indicate the same container and can be used interchangeably. No entry is allowed in this field

Attachment 6 (cont.)

Login

Issued: 01.31.06
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- **Storage Location** – storage locations are set up in the system defaults and populate the drop down list used in this field
- **Container Type** - use the drop-down arrow to select from a valid values list of containers
- **Container Volume**- will auto-fill based on the selection in Container Type
- **Container Units** – will auto-fill based on the selection in Container Type
- **Condition** – condition of container when received. Enter only exceptions to a condition of good.
- **COC** – use the drop down arrow to select available Chain of Custodies. If no COCs were entered on the info tab, this field will be blank. If there is only one COC, the field will be auto-filled
- **Cooler** – select from the drop down list if more than one cooler was received or the field will be auto-filled if there is only one cooler.
- **Tag** – CLP sample containers may arrive with a tag. Enter the tag id in this field

Note: *This information must be completed for all containers/all samples.*

Some shortcuts are available:

*A) Simultaneously pressing the **<CTRL>** key and the **<DOWN>** arrow will automatically fill in the field below the field the cursor is on (as long as the new field is blank).*

B) Some fields allow filling in every row of a column automatically. Simply highlight the HEADER of a column (Storage Location for example). This will turn the entire column BLUE. Right-Click in the blue and select a value from the valid values list. All fields in this column will now have the selected value.

*C) Use the [**COPY]** button in the SAMPLES Section of the form. Simply fill out all of the information in the CONTAINERS Section of the form for one sample. Click on COPY. Choose the completed sample on the left-side of the form ("copy from") by clicking the left-most grey square (causing that row to be completely highlighted) and then choose the samples to "copy to" in the right-side of the form by clicking the left-most grey square of the row (causing that row to be completely highlighted). For more samples, simply hold the mouse button down when selecting the first sample and "drag" the highlight down the list of samples until all of the samples to copy are highlighted. Click [OK] and the container information will be copied to the new records.* **Note***: The copy function only works if the samples have the same number of containers.*

Attachment 6 (cont.)

Login

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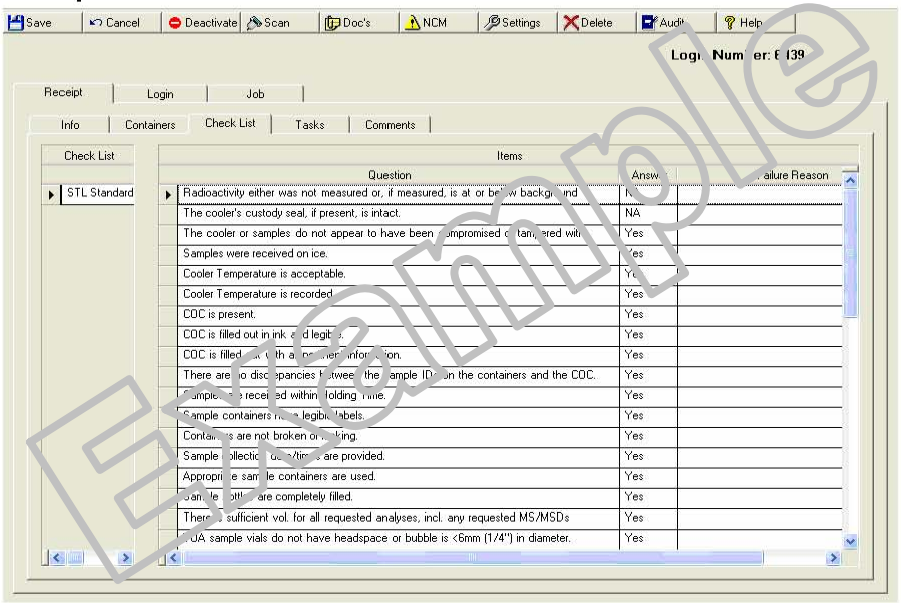
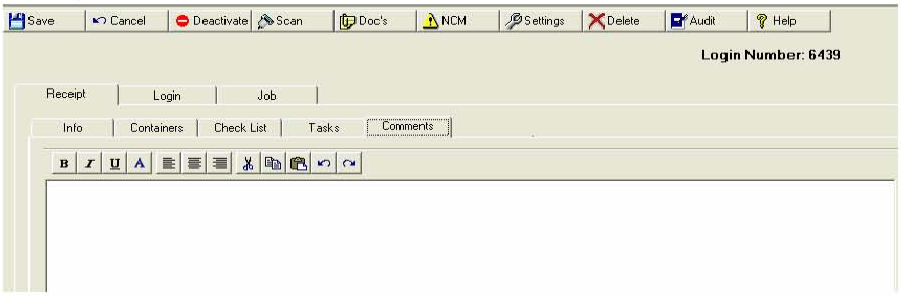
Receipt - Checklist



Example

1. Answer all questions.
2. A Failure Reason must be entered for all negative responses
3. If the question does not apply to this set of samples (i.e. a question pertaining to solid samples for a shipment of only waters) N/A may be used as a response.
4. To quickly enter the most common answer for all questions, highlight the HEADER of the ANSWER COLUMN. This will turn the entire column BLUE. Right-Click in the blue highlight and select an answer (Yes, No, N/A). All fields in this column will now have the selected response.

Receipt - Comments



Attachment 6 (cont.)

Free-form area to enter any comments, notes, etc. These can appear on backlogs if desired.

Save

1. Click Save from the menu across the top of the screen to save the receipt information entered to this point.

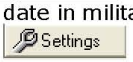
To Login a Sample Delivery Group

1. Locate the Login by either clicking on the Find button (which will bring up a list of all the logins for this location or that have work for this location) or the Login # button where the login number can be entered directly. Either choice will load the login.
2. In the Login tab, click the [**Add]** button next to the PROJECT NUMBER field. If a COMPANY was chosen on the RECEIPT TAB, the list of projects will be filtered based on that company. Otherwise a complete list [of Active Projects] will be displayed. Filter the list based on the pop-up screen and select the appropriate project.
3. Click [OK]
   - Note: If the wrong PROJECT is selected, this must be changed before continuing. Save the login, click edit and then click on the [**Change]** button and follow the instructions.

Login - Samples

1. Enter the information for each Client Sample. Some fields will auto-filled based on information from the previous tabs and the Project. Update information as needed.
   - **Sample Number** – assigned by the system as each sample is added. If samples are removed from the login, the sample number does not renumber
   - **Type Description** – type can be normal sample (client sample), or a qc sample (ms, msd or sample duplicate)
   - **Customer Sample ID** - Enter the Client Sample ID accurately, as it was entered on the COC. If the Project has "Sites" associated with it, and the PM elected to verify against the site samples list, this field will NOT be free-form, but will be a drop-down list to select the appropriate Client Sample ID.
   - **Sample Matrix** - select the Sample Matrix from the drop-down list. This is the sample matrix that the lab will see on their backlogs and in Analyst Desktop. This is the matrix that is used in the reference data as well. If the client needs the matrix to be displayed on the report and EDD as something more specific such as 'ground water', use the alternate sample matrix field.
   - **Sample Date** – enter the sample date for each sample as it is entered on the COC. Click the down arrow to bring up a calendar to select the date from.

Attachment 6 (cont.)

- **Sample Time** – enter the sample time as entered on the COC. To enter the date in military time (24 hour clock), change the format by clicking on the 

button at the top of the screen, then select 24 hour.
- **Time Zone** – change the time zone to the zone where the samples were taken
- **Hazard Level** – For laboratories with a Hazard Level Permit, enter the hazard level of the samples as received.
- **Alternate Sample Matrix** – as mentioned above, the client may require that a more descriptive sample matrix appear on their deliverables. Alternate Sample Matrices are added in the Site Sample module and are available as a drop down in the Login module.
- **Action Limit Set** - If ONE Action Limit Set has been associated with this PROJECT, the list name will automatically fill in. If more than one exists, you must choose the appropriate list form the drop-down choices.
- **Sample Comments** – enter any additional information about the sample that may need to be conveyed to the analytical group.

Client Requested QC Samples

If sample QC is received from the client and it is necessary to create this QC at login (MS/MSD/Duplicates, etc.) follow this procedure:

1. Select the sample by clicking on the sample Number or Type Description field.
2. Right Click to pull up the **Sample Options** menu and select **Add QC SAMPLES.**
3. Choose the appropriate QC types from the popup box which will appear and click [Add].
4. Populate the appropriate information for the QC samples
5. Click back to the **LOGIN TAB – CONTAINERS SUBTAB** to add the appropriate information for the containers received specifically for the QC.

Login – Groups

The analyses associated with each sample are contained in LOGIN GROUPS. Sample Receiving will build these groups from the information contained in the PROJECT.

The groups can be created a variety of ways, ranging from easy to complex. The most straight-forward way is to organize your groups in relationship to the samples and the analyses requested on each sample.

For example:

If sample #1 and #3 are both waters and are requesting GCMS VOA8260 Standard List and Lead … create a LOGIN GROUP with these two parameters and associate this group to these samples.

If sample #2 is only getting Lead … create another LOGIN GROUP that only contains Lead and associate this group to this sample.

Attachment 6 (cont.)

Login

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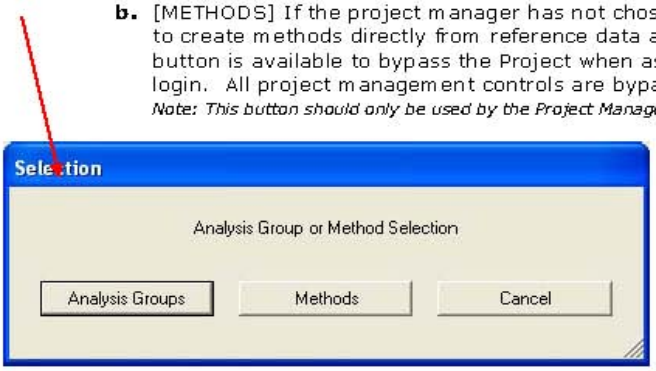
In this example, you would have two login groups (with the correct analyses on each sample).

To CREATE A NEW LOGIN GROUP:

1. Click on the **[NEW]** Button.
2. From the pop-up menu dick **[Analysis Groups].**
   - **a.** [CANCEL] to cancel action
   - **b.** [METHODS] If the project manager has not chosen to block the ability to create methods directly from reference data at Login, the Methods button is available to bypass the Project when assigning methods to a login. All project management controls are bypassed at this point.
     Note: This button should only be used by the Project Manager.



You are now viewing all of the methods/groups the Project Manager has created in the PROJECT.

1. (Paying attention to the Matrix and the Group Description) highlight the Group that contains the methods of interest.
2. Once you choose a group, the associated METHODS will appear in the lower grid of this pop up.
3. Highlight the method(s) of choice and click on **[Select Method]**. You now have a LOGIN GROUP with the chosen Methods and their corresponding preps.
4. Click **[Add]** to add more methods to this LOGIN GROUP.
5. (or) Click **[New]** to create a new LOGIN GROUP.

Attachment 6 (cont.)

Login

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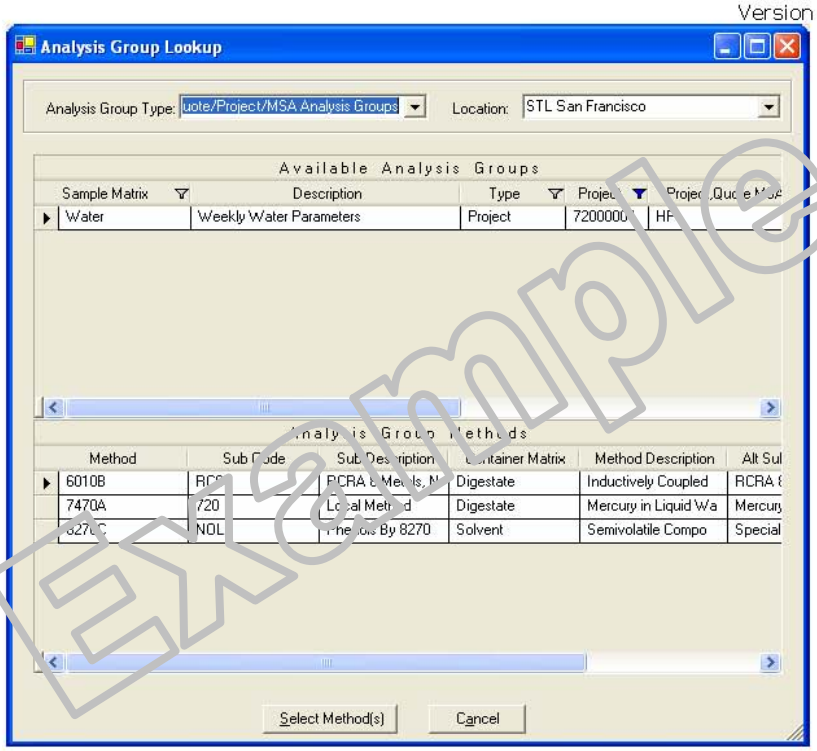

Example

A. You may view each LOGIN GROUP created by highlighting the LOGIN GROUP in the "Login Groups" grid by clicking the left-most grey square and highlighting the entire row.
B. Once highlighted, the corresponding methods/preps will be displayed in the grid to the right.
C. The grid will be titled with the LOGIN GROUP NAME (which automatically comes from the PROJECT, but can be renamed by you simply by typing over the title in the LOGIN GROUPS grid).
D. Columns in the LOGIN GROUP [DETAIL] GRID:
   i) Method Code – the internal ID of the method
   ii) Method Location - the originating location of the method
   iii) Method Description – detailed description of the method
   iv) Alt Sub-Desc – this field is customized in the PROJECT to indicate to the lab if the list has been modified from it's original state.
   v) Destination – if method is being sent to another facility to be analyzed, this field will have the information of that location, otherwise, it will be your current location.
   vi) TAT – The Turnaround Time of the Method

Attachment 6 (cont.)

vii) Condition – the current condition of the method (Active, Cancelled, On Hold)
viii) Status – the current status of the method (Ready, Batched, 1st Level Reviewed, etc.)
ix) Phase – currently not used.
x) Sub-Desc – the default description of the sub-list chosen at creation.
xi) Holding Time Calculation – Method used to calculate holding time
xii) VTSR – if checked, the holding time will be calculated off of the RECEIPT DATE and follow the holding time setup for this occurrence.
xiii) Up Rpt Limit Type/Low Rpt Limit Type – these fields work together to advise you how the method will be reported. The "Upper Limit" is the value at which the sample will be reported (usually the RL), while the "Lower Limit" is the [lowest] value at which the system will report a value (usually the MDL).
xiv) Container Matrix – the matrix of the sample expected for this method
xv) Reporting Basis – the basis of reporting this method such as a "Dissolved" Metal versus a "Total" Metal.
xvi) Calibration Group – currently not used
xvii) Calibration Curve – currently not used
xviii) Dry Wt Adjust – Will this method be corrected for Dry Weight?
xix) # Tics – How many TICs do you want to report for this method? This would be the MAX amount of TICs reported.
xx) Method Comments – free flow comments
xxi) Reporting Rules – currently used for dual column analyses to indicate which rule to follow when reporting both columns.
xxii) Do Not Report – currently used to inhibit a method from printing on the final report, although the method is needed in the login for additional analyses (such as reporting the calculated result of HARDNESS, but not wanting to report the individual analyses required to achieve the hardness calculation)

Note: *A "grey background" in the METHODS/PREP window indicates this login group is not associated to the sample highlighted in the "SAMPLE GROUPS" grid. A "white background" indicates this group is associated to the sample highlighted. Additionally, the LOGIN GROUP in the "Sample Groups" grid will turn blue to indicate which LOGIN GROUP has the focus.*

6. Once the LOGIN GROUP(S) has been created, you will associate the LOGIN GROUP to the correct sample(s).
   A. Simply put a check-mark in the square corresponding to the correct sample and the correct login group.
   B. A shortcut is available here as well. Simply highlight the HEADER of the LOGIN GROUP in the "Sample Group" grid (shown above by the "1" and "2") by right-clicking, then left-click on your selection.
7. To **CANCEL** a method (or to place a method **ON HOLD**), highlight the appropriate SAMPLE in the sample grid, and the appropriate LOGIN Group.

Attachment 6 (cont.)

Login

Issued: 01.31.06
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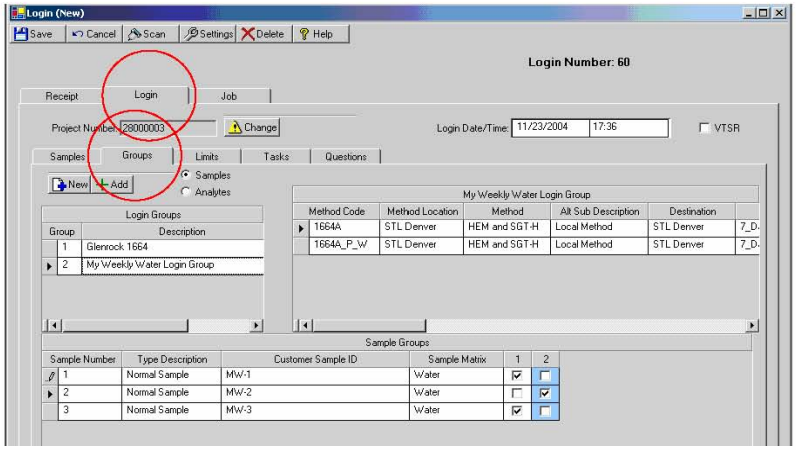
a. Change the CONDITION of the method from ACTIVE to either CANCEL or ON HOLD as needed.
b. Changing the CONDITION of a prep method will automatically update the condition of the analytical method.



Login – Limits

This tab will be reviewed by the Project Manager to assure all of the appropriate limits have been loaded into the LOGIN.

Login – Questions

This tab may have information that needs completion. If a deliverable requires the collection of additional information that is normally not captured in the LIMS, a question will be used to hold this additional information. The answer to the question is the data that will be stored for the required field.

Example:

Question: **What is the sample depth listed on the Chain of Custody?**
Answer: **4.5**

- Each deliverable may have its own set of questions. To view the questions for a deliverable, use the 'Deliverable Filter' to select the deliverable name from the deliverables that have been added to the job. After selection, the list of 'questions' will appear in the box below the Deliverable.

Attachment 6 (cont.)

Login

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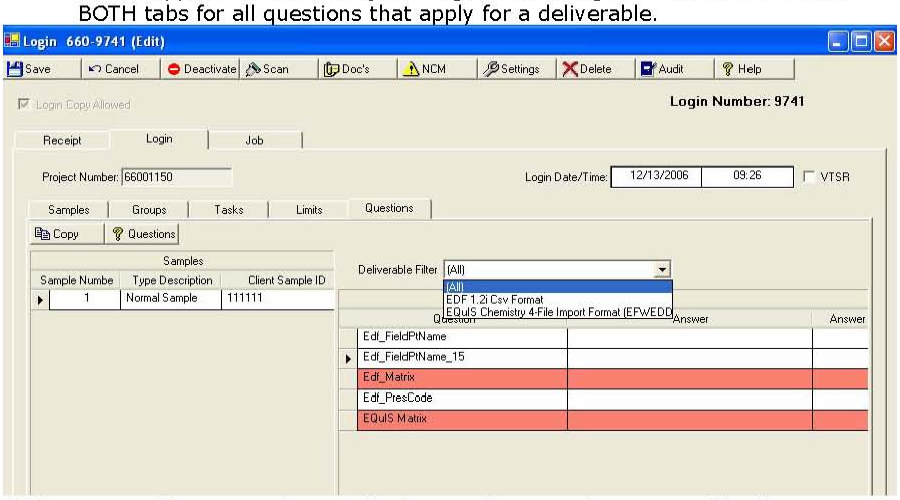
- Required questions are highlighted in '**Red**'. Answers to these questions are required by the deliverable and/or the client and must be completed. Questions that are not highlighted are optional
- Also note – when questions are created in the deliverable, they are designated as either Login Sample Questions OR as Job Questions. Questions that are located under the Login –Questions tab are questions based on the Login and/or Samples for this login only. Questions located under the Job – Questions tab are based on the Job (which may include multiple logins) and will be applied to the entire job – regardless of login. Make sure to check BOTH tabs for all questions that apply for a deliverable.



Note: *The answer to a particular question may be answered by the appropriate group, depending on the question. Just because this tab is in the LOGIN Module doesn't imply that the answer will come from Sample Receiving.*

Job – Job

A JOB is a set of samples from a single Login or multiple Logins. Samples are reported and invoiced as JOBS.

The JOB Tab is primarily a Project Manager function. This information is copied down from the associated Project.

1. Job Description – carried over from Project
2. SDG – and alternate naming convention for joining multiple LOGINS into a JOB for reporting.
3. Job Start Date – carried over from Project
4. Job TAT – turnaround time defaulted from Project. Turnaround Time can be modified per Login and Job.
5. Job Due Date – calculated from turnaround time specified on Project.
6. Job Format – the default formatter from Project. Formatter can be changed per Login and Job.
7. Purchase Order – carried over from Project. PO can be changed per Login and Job.

Attachment 6 (cont.)

Login

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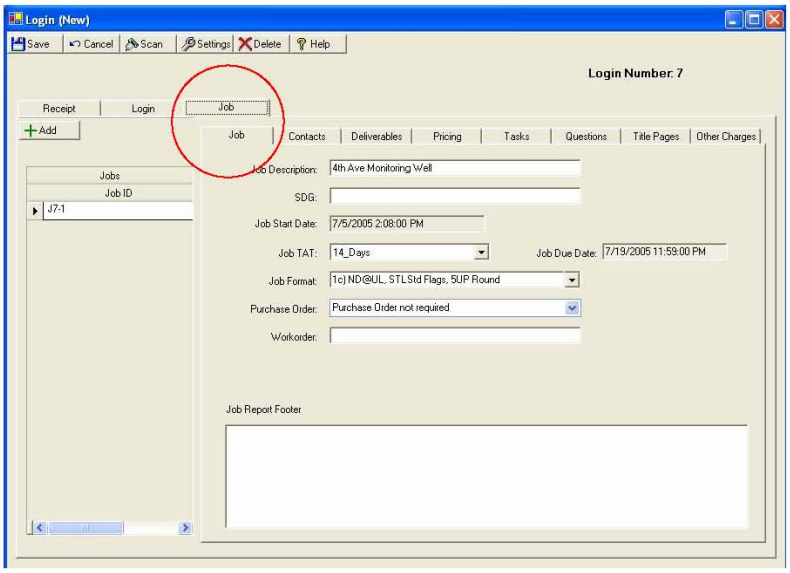
Version 1.1

8. Workorder - carried over from Project. Workorder can be changed per Login and Job.



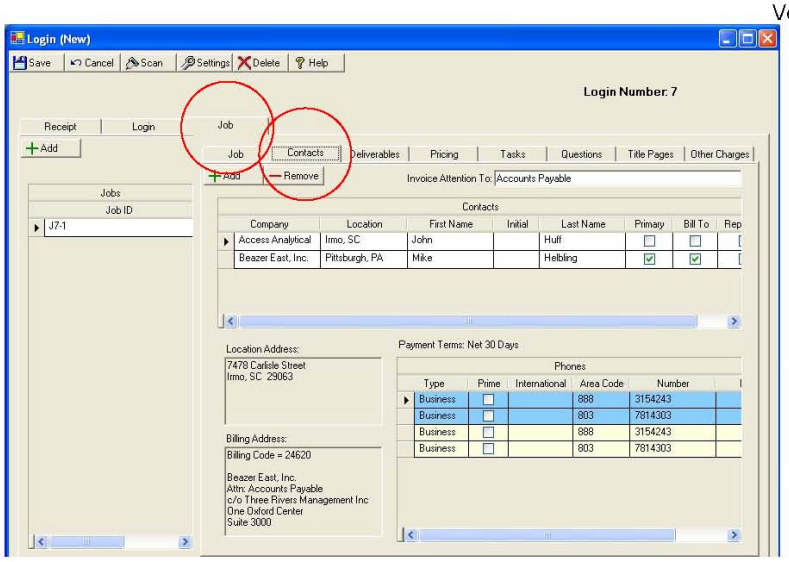
Job – Contacts

The Contact information is copied down from the Project exactly as built. The information can be modified per job. Additional contacts may be added as needed.

Attachment 6 (cont.)

Login

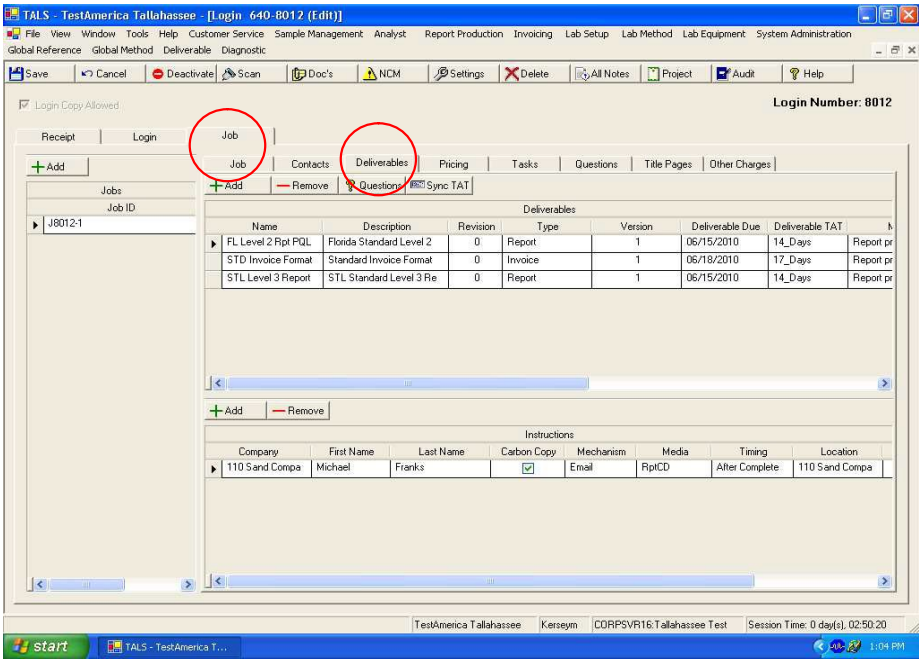
Issued: 01.31.06
Re-issued: 00.00.00
Version 1.1



Job – Deliverables

The Deliverable information is copied down from the Project exactly as built. The information can be modified per job. Additional Deliverables may be added as needed.

Attachment 6 (cont.)



Job – Pricing

The Pricing is copied down from the Project. Pricing can be modified and additional JOBS can be added, if needed.

To add another JOB to a Login:

1. Click [Add]
2. A job can contain any combination of methods/samples/logins. You will assign these on the Pricing tab
3. Sort the Pricing grid by any combination of the headers. Sort and Filter the list to obtain the desired set of samples that you want on another job.
4. Left click the Job ID header to activate the column. Right-click the JOB ID header and choose the job # to assign desired job to samples/methods in the sorted grid.

Job – Task

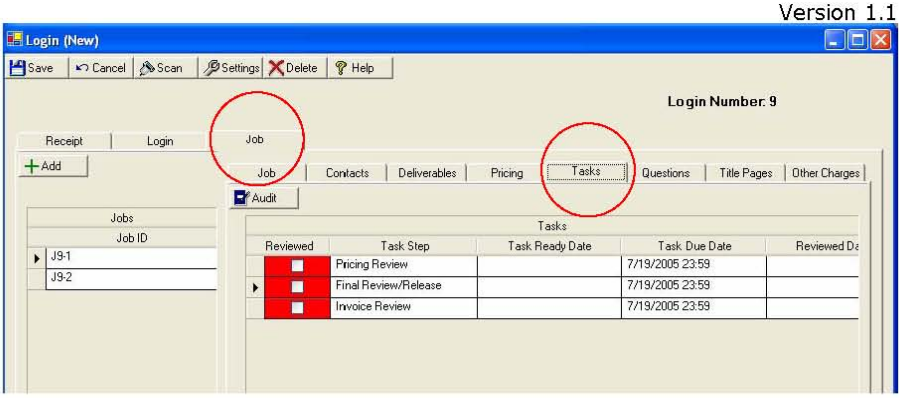
1. As Tasks are completed (simply by placing a checkmark in the space provided next to the task), the date/time and user are recorded.
2. Tasks are hierarchal, and the previous Task must be completed before completing the next task.

Note: The Login Review Task must be checked on the Login – Task tab prior to setting the review tasks in the Job tab.

Attachment 6 (cont.)

Login

Issued: 01.31.06
Re-issued: 00.00.00
Version 1.1



Job – Questions

This tab may have information that needs completion. If a deliverable requires the collection of additional information that is normally not captured in the LIMS, a question will be used to hold this additional information. The answer to the question is the data that will be stored for the required field.

Example:

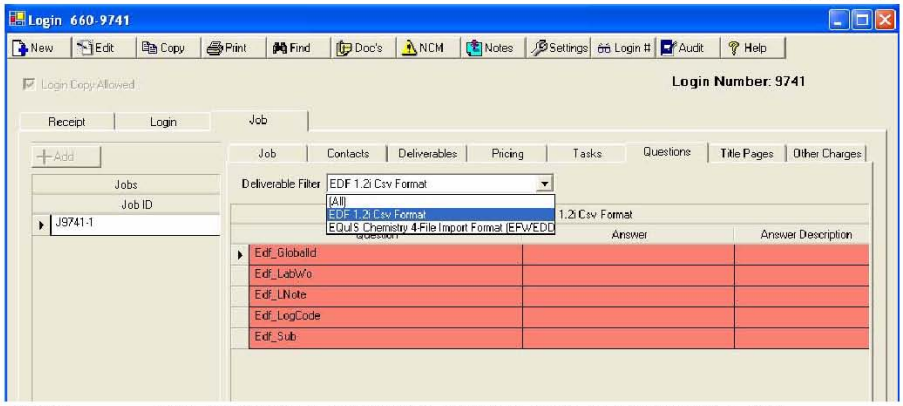
Question: **What is the sample depth listed on the Chain of Custody?**
Answer: **4.5**

- Each deliverable may have its own set of questions. To view the questions for a deliverable, use the 'Deliverable Filter' to select the deliverable name from the deliverables that have been added to the job. After selection, the list of 'questions' will appear in the box below the Deliverable.
- Required questions are highlighted in '**Red**'. Answers to these questions are required by the deliverable and/or the client and must be completed. Questions that are not highlighted are optional
- Also note – when questions are created in the deliverable, they are designated as either Login Sample Questions OR as Job Questions. Questions that are located under the Login –Questions tab are questions based on the Login and/or Samples for this login only. Questions located under the Job – Questions tab are based on the Job (which may include multiple logins) and will be applied to the entire job – regardless of login. Make sure to check BOTH tabs for all questions that apply for a deliverable.

Attachment 6 (cont.)

Login

Issued: 01.31.06
Re-issued: 00.00.00
Version 1.1



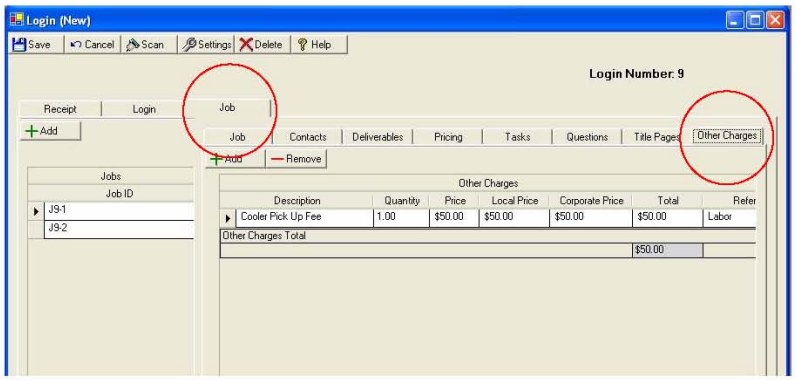
Note: *The answer to a particular question may be answered by the appropriate group, depending on the question.*

Job – Title Pages

Not used.

Job – Other Charges

Non-Analytical charges are copied from the Project. [**Add**] / [**Remove**] **Other Charges** as needed.



SAVE the Login.

Title: PCB Analysis by HRGC/HRMS [Methods 1668A & 1668C]

Approvals (Signature/Date):

12/14/2022	12/14/2022
Robert Hrabak — Date	Joe Schairer — Date
Technical Manager	Health & Safety Manager / Coordinator
12/16/2022	12/22/2022
Lisa Stafford — Date	Chris Williams — Date
Quality Assurance Manager	Laboratory Director

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1. SCOPE AND APPLICATION

1.1. This SOP is appropriate for the detection and quantitative measurement of mono- through deca-chlorinated biphenyls in a variety of matrices at low part-per-trillion to part-per-billion levels using high resolution gas chromatography and high resolution mass spectrometry, by Method 1668A or Method 1668C. Sample preparation procedures are defined in SOP WS-IDP-0013 (Method 1668A and 1668C PCB Prep).

1.2. The CBs determined in this method are the 12 polychlorinated biphenyls (PCBs) designated as toxic by the World Health Organization (WHO). These are congeners 77, 81,105, 114, 118, 123, 126, 156, 157, 167, 169, and 189. This method also determines the remaining 197 PCBs, of which 123 are resolved on the SPB-octyl column to be determined as individual congeners. The remaining 74 congeners are determined as mixtures of isomers (co-elutions). This method can also be used to determine the 20 PCBs on the National Oceanic and Atmospheric Administration (NOAA) list.

1.3. The list of co-elutions being reported is given in Table IX.

1.4. The 12 WHO (Toxic) congeners as well as the first and last eluted congener at each level of chlorination (LOC) are determined by the isotope dilution method using the corresponding labeled analogue. The remaining congeners are determined by using an average of the labeled analogues of each level of chlorination (LOC).

1.5. This method allows the determination of PCB toxicity equivalent factors (TEQPCB).

1.6. The calibration range of the procedure for 1 L water is 20 to 20000 ppq, 2 to 2000 ppt for 10.0 g soil, sediment or tissue, tissue samples for mono-deca PCBs. Analysis of dilutions of aliquots of the sample will permit measurements of concentrations above the upper method calibration limit. The practical limits of detection and quantitation may be different from the lower method calibration limit, depending on the complexity of the matrix and the level of PCB contamination of the reagent and absorbent used in the extraction and cleanup procedure.

1.7. The PCB naming convention is given in Table VII.

1.8. This SOP should be used by analysts who are experienced and skilled in HRGC/HRMS trace analysis.

1.9. When undertaking projects for Department of Defense (DoD) or the Department of Energy (DOE), the relevant criteria in QA Policy WS-PQA-021 must be checked and incorporated.

2. SUMMARY OF METHOD

2.1. This procedure uses matrix specific extraction, analyte specific cleanup and HRGC/HRMS analysis techniques.

2.2. An aliquot of a matrix (water, soil, sediment, XAD Resin, filter) is spiked with the solution containing 27 isotopically ^{13}C-labeled PCBs Isotope Dilution Analytes (IDAs) listed in Table I. The sample is then extracted according to matrix specific extraction procedures in SOP WS-IDP-0013.

2.3. The preparation of the final extract for the instrumental analysis is accomplished by adding 5 isotopically (13 C12) labeled internal standards (IS -Table I). The internal standard 13C-2,5-DiCB (EPA#9) is used to quantitate the mono and di chlorinated biphenyl Isotope Dilution Analytes (IDAs) and 13C-TrCB-19. The internal standard 13C-2,2',5,5'-TCB (EPA #52) is used to determine the percent recoveries of tri- and tetra-chlorinated biphenyl IDAs. The 13C-2,2',4,5,5'-PeCB (EPA #101) is used to determine the percent recoveries of penta-chlorinated biphenyls. The 13C-2,2',3,4,4',5'-HxCB (EPA #138) is used to determine the percent recoveries of the hexa chlorinated biphenyl IDAs. The 13C-2,2',3,3',5,5',6,6'-OCB (EPA #194) internal standard is used to determine the percent recoveries of hepta- through deca- chlorinated biphenyl IDAs.

2.4. One to two microliters (uL) of the final concentrated extract are injected into the HRGC/HRMS.

2.5. The identification of those PCB congeners for which a ^{13}C-labeled isotope dilution analyte is available in the sample fortification solution (IDA solution) is based on their elution time compared to the corresponding labeled isotope dilution analyte and the simultaneous detection of the two most abundant ions in the molecular ion isotopic cluster.

2.6. The identification of those PCB congeners for which no ^{13}C-labeled isotope dilution analyte is available in the sample fortification solution (IDA solution) is based on their elution time measured in the routine calibration standard and the simultaneous detection of the two most abundant ions in the molecular ion isotopic cluster. Confirmation is based on a comparison of the integrated ion abundance of the molecular ions to their theoretical abundance ratios (Table II).

2.7. Quantitation of the individual congeners for which a ^{13}C-labeled isomer is available in the curve is achieved by using the Relative Response Factor (RRF) determined in the 5 point initial calibration curve (ICAL). The quantitation of PCB congeners for which there is not a specific ^{13}C-labeled isotope dilution analyte in the sample fortification solution (IDA solution) is achieved by using the average response of all ^{13}C-labeled isotope dilution analytes in each particular homologous series. The sole exception is $^{13}C_{12}$-3,3',4,4',5-penta PCB (EPA #126) which is not used in the average response for the penta-PCB homologous series. If there are specific congeners not included in the five point initial calibration solutions, these congeners are calculated using a RF determined from a single point calibration of a solution containing all 209 PCB compounds using the IDA assignments as described above.

3. DEFINITIONS

3.1. Isotope Dilution Analyte (IDA) is used in this SOP to refer to what Method 1668 calls an Internal Standard.

3.2. Internal Standard (IS) is used in this SOP to refer to what Method 1668 calls a Recovery Standard.

3.3. Definitions of terms used in this SOP may be found in the glossary of the Quality Assurance Manual (QAM).

3.4. Data qualifiers are defined on each data report. Commonly used data qualifiers are defined in the QAM.

4. INTERFERENCES

4.1. Solvents, reagents, glassware and other sample processing hardware may yield discrete artifacts or elevated baselines that may cause misinterpretation of the chromatographic data. All of these materials must be demonstrated to be free from interferents under the conditions of analysis by running laboratory method blanks. Analysts shall not use PVC gloves.

4.2. The use of high-purity reagents and solvents helps minimize interference problems. Purification of solvents by distillation in all-glass systems may be necessary.

4.3. Reuse of glassware is to be minimized to avoid the risk of contamination.

4.4. Interferents co-extracted from the sample will vary considerably from matrix to matrix. PCBs are often associated with other interfering chlorinated substances such as polychlorinated dioxins/furans (PCDDs/PCDFs), polychlorinated diphenyl ethers (PCDPEs), polychlorinated naphthalenes, methoxy biphenyl hydroxydiphenyl ethers, benzylphenyl ethers, brominated diphenyl ethers, polynuclear aromatics and pesticides that may be found at concentrations several orders of magnitude higher than the analytes of interest. Retention times of target analytes must be verified using reference standards. These values must correspond to the retention time windows established. While certain clean-up techniques are provided as part of this method, unique samples may require additional cleanup steps to achieve lower detection limits.

4.5. A high-resolution capillary column (30 m SPB Octyl) is used to resolve as many PCB isomers as possible; however, no single column is known to resolve all isomers.

5. SAFETY

Employees must abide by the policies and procedures in the Environmental Health and Safety Manual (CW-E-M-001), the Sacramento Addendum to the EH&S Manual (WS-PEHS-0002), and this document. This procedure may involve hazardous material, operations and equipment. This

SOP does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of the method to follow appropriate safety, waste disposal and health practices under the assumption that all samples and reagents are potentially hazardous. Safety glasses, gloves, lab coats and closed-toe, nonabsorbent shoes are a minimum.

5.1. Specific Safety Concerns or Requirements

5.1.1. Eye protection that satisfies ANSI Z87.1, laboratory coat, and chemically resistant gloves, and closed toed non-absorbent shoes must be worn while samples, standards, solvents, and reagents are being handled. Latex and vinyl gloves provide no protection against most of the organic solvents used in this method. Nitrile or similar gloves must be used.

5.1.2. Exposure to chemicals must be maintained as low as reasonably achievable; therefore all samples must be opened, transferred and prepared in a fume hood. Solvent and waste containers will be kept closed unless transfers are being made.

5.1.3. Laboratory procedures such as repetitive use of pipettes, repetitive transferring of extracts and manipulation of filled separatory funnels and other glassware represent a significant potential for repetitive motion or other ergonomic injuries. Laboratory associates performing these procedures are in the best position to realize when they are at risk for these types of injuries. Whenever a situation is found in which an employee is performing the same repetitive motion, the employee shall immediately bring this to the attention of their supervisor, manager, or the EH&S staff. The task will be analyzed to determine a better means of accomplishing it.

5.2. Primary Materials Used

The following is a list of the materials used in this method, which have a serious or significant hazard rating. NOTE: This list does not include all materials used in the method. The table below contains a summary of the primary hazards listed in the SDS for each of the materials listed in the table. A complete list of materials used in the method can be found in the reagents and materials section. Employees must review the information in the SDS for each material before using it for the first time or when there are major changes to the SDS.

Materials used in this SOP, and their Hazards.			
Material	**Hazards**	**Exposure Limit (1)**	**Signs and symptoms of exposure**
Dodecane (3-2-0)	Flammable	None listed	May cause respiratory tract, skin or eye irritation. Harmful or fatal if swallowed or aspirated.

Materials used in this SOP, and their Hazards.			
Material	**Hazards**	**Exposure Limit (1)**	**Signs and symptoms of exposure**
Iso-octane (2,2,4-trimethylpentane, 2,4,4-trimethylpentane) (3-3-0)	Flammable	300 PPM TWA	Causes eye or respiratory tract irritation. Repeated/prolonged exposure can cause defatting of skin. High concentrations can produce drowsiness. May be fatal if swallowed or aspirated.
1 – Exposure limit refers to the OSHA regulatory exposure limit.			

6. EQUIPMENT AND SUPPLIES

6.1. Gas Chromatograph - Shall have splitless or on-column injection port for capillary column, temperature program with isothermal hold, and shall meet all of the performance specifications in Section 10.1. (Agilent 6890 or equivalent).

6.1.1. GC Column for mono- through deca- chlorinated biphenyls - 30 m x 0.25 mm i.d.; 0.25um fused silica capillary column (Supelco SPB-Octyl, or equivalent).

6.1.2. The SPB-Octyl column must resolve congeners 34 from 23 and congeners 187 from 182. The valley height must be less than 40% of the shorter of the two peaks when the diluted 209 congener solution is analyzed.

6.2. Mass Spectrometer - 28-40 eV electron impact ionization, shall be capable of repetitively and selectively monitoring 18 or more exact m/z ratios at high resolution (>10,000) during a period of approximately one second, and shall meet all of the performance specifications in Section 10.2.

6.3. GC/MS Interface - The mass spectrometer (MS) shall be interfaced to the GC such that the end of the capillary column terminates within 1 cm of the ion source and does not intercept the electron or ion beams.

6.4. Data System- Capable of collecting, recording and storing MS data. The system utilizes MassLynx version 4.1 or 4.2 (depending on the computer operating system upgrade) and Chrom Peak Review, version 2.3.7 or equivalent.

6.5. Recommended Preventative Maintenance

As Needed Maintenance:
Full Bake-Out. Change oil in rotary pump. Change oil in diffusion pump. Replace o-rings. Solvent rinse the flight tube. Clean the first field free region. Check detector voltages. Clean and dust connectors, etc. on the outside of the instrument.

Check the vacuum: ~5 x. 10^{-7} MBAR on both analyzer ion gauges, and ~5 x 10^{-6} MBAR on the source, with no helium flowing. Check isolation valve for leaks, correct if needed. Check for thermal trip by taking the magnet to maximum current, and verify that the coolant flow is acceptable. Replace septum. Clean injector port. Cut off front portion of capillary columns. Replace column if this fails to restore column performance or when column performance (e.g. peak tailing, poor resolution, high backgrounds, etc.) indicates it is required. Replace injection port liner when front portion of capillary column is removed. Clean Source, including all ceramics and lenses - the source cleaning is indicated by a variety of symptoms including inability of the analyst to tune the instrument to specifications, poor response, and high background contamination. Replace filaments when performance indicates need for replacement.
Daily Maintenance:
Check resolution sensitivity. Check stability. Check for sufficient gas supply. Check for correct column flow and/or inlet pressure. Check temperatures of injector, detector. Verify temperature programs. Check inlets, septa. Check baseline level. Check values of lens voltages, electron multiplier, and relative abundance and mass assignments of the calibration compounds. Inspect chromatogram to verify symmetrical peak shape and adequate resolution between closely eluting peaks.

7. REAGENTS AND STANDARDS

7.1. Standard solutions - Purchased as solutions or mixtures with certification to their purity, concentration and authenticity, or prepared from materials of known purity and composition. If compound purity is 98 percent or greater, the weight may be used without correction to compute the concentration of the standard. When not being used, standards are stored in the dark in screw-capped vials with Teflon-lined caps in a refrigerator at 4 degrees C. A mark is placed on the vial at the level of the solution so that solvent evaporation loss can be detected. If solvent loss has occurred, the solution should be replaced.

7.2. Sealed ampoules (neat solutions) may be used until the manufacturer's expiration date is exceeded.

7.2.1. If no expiration date is provided, then the expiration date will be 10 years from the date the ampoule is opened.

7.2.2. The solvent level should be monitored prior to each use to assure there has been no concentration of the standard over time.

7.3. Stock solutions

7.3.1. Preparation - Prepare in isooctane or equivalent solvent per the steps below or purchase as dilute solutions (Cambridge Isotope Laboratories, Cambridge, MA, or equivalent).

7.3.2. Stock standard solutions (intermediate standards) are dilutions of neat solutions. Dilutions are performed in volumetric flasks and transferred to a clean 15 mL vial or amber glass bottle with Teflon-lined cap.

7.4. Stock standard solutions (intermediate standards) should be checked for signs of degradation prior to the preparation of calibration of performance test standards. Reference standards that can be used to determine the accuracy of calibration standards are available from Cambridge Isotope Laboratories.

7.5. All calibration, daily isotope dilution analyte (IDA) standards, daily clean up recovery surrogate (SU) standards, internal (IS) standards, and daily target analyte (TA) spiking solutions are stable for one year from preparation.

7.5.1. After 1 year, solutions may be re-verified. The re-verified solution may be used for an additional year, or until there is evidence of compound degradation or concentration.

7.5.2. The re-verification must be performed using an unexpired, not previously re-verified solution from a second lot, second vendor, or SRM.

7.6. Isotope Dilution Analyte (IDA) Spiking Standard – From stock standard solutions prepared as above, or from purchased mixtures, prepare at the concentration shown in Table I in isooctane.

7.7. Cleanup Recovery (SU) Spiking Standard – From stock standard solutions prepared as above, or from purchased mixtures, prepare at the concentration shown in Table I in isooctane.

7.8. Internal (IS) Spiking Standard – From stock standard solutions prepared as above, or from purchased mixtures, prepare at the concentration shown in Table I in dodecane.

7.9. Target Analyte (TA) Spiking Standard – From stock standard solutions prepared as above, or from purchased mixtures, prepare this standard to contain the native compounds at the concentrations shown in Table VI in isooctane.

7.10. Calibration standards (L1 through L6) - Combine the solutions in Tables I and V to produce the six calibration solutions shown in Table V in dodecane. These solutions permit the relative response (labeled to unlabeled) and response factor to be measured as a function of concentration. The 209 congener standard (L4) is used for continuing calibration verification (CCV).

7.10.1. A second source standard containing the 12 toxic congeners and the first and last eluters at each LOC is used for initial calibration verification (ICV).

7.11. GC retention time window defining mix (WDM) is used to define the beginning and ending retention times for mono-deca chlorinated homologue groups. A continuing calibration verification (CCV) standard containing all 209 congeners may be used as a WDM and CCV (WDMCCV).

7.12. Expired Standard solutions: Continued use of standard solutions past the initially indicated expiration date is acceptable if concentrations are verified versus a reference standard. Upon acceptable verification, a new expiration/evaluation date will be noted in the standards reagent database.

8. SAMPLE COLLECTION, PRESERVATION AND STORAGE

8.1. The sample collection, shipping, handling, and chain-of-custody procedures are not described in the document. The complexity of the method is such that, in order to obtain reliable results, testers should be trained and experienced with sampling and preservation procedures.

8.2. There are no demonstrated maximum holding times associated with the PCBs in aqueous, solid, semi-solid, tissues, or other matrices. If stored in the dark at 0-6°C and preserved if required, aqueous samples may be stored for up to one year. Similarly, if stored in the dark at <-10 °C, solids, semi-solid, multi-phase, and tissue samples may be stored for up to one year.

8.3. All extracts must be stored capped at <-10 °C and completely analyzed within one year of extraction. This holding time is consistent with EPA Method 8082 (ref 16.5) and EPA SOW CBC01.2 (Ref 16.6).

9. QUALITY CONTROL

9.1. One method blank must be extracted with every process batch of similar matrix, not to exceed twenty (20) samples. The method blank is an aliquot of reference matrix processed in the same manner and at the same time as the associated samples. Corrective actions must be documented on a Non-Conformance memo, then implemented when target analytes are detected in the method blank above the acceptance limit or when surrogate recoveries are outside control limits. The associated samples will be evaluated for adverse impact, and flagged or qualified as appropriate. Re-extraction of the blank, other batch QC and the affected samples are required when the method blank is deemed unacceptable. For any analyte detected in the blank in any of the homologous series of PCBs, the detection limit in the samples run with that blank for the specific congener or the total for that homologous series is increased to 5 times of the contamination level. Alternatively, both QC and sample results may be reported and qualified as necessary.

NOTE: When laboratory contamination is suspected sample results can be assumed to be maximum possible concentrations. It may be useful to consult project action limits to see if these concentrations may be acceptable to the client. This does NOT preclude the immediate need to initiate contamination clean-up procedures in the sample preparation area.

9.1.1. Certain programs, such as the DOD/DOE Quality Systems Manual (QSM), may require a more stringent evaluation of the method blank, for instance, that the blank not contain any target analytes of interest at a concentration greater than ½ the reporting limit.

9.2. A laboratory control sample (LCS) must be extracted with every process batch of similar matrix, not to exceed twenty (20) samples. The LCS is an aliquot of laboratory matrix (e.g. water, sodium sulfate, extraction thimble, filter paper, etc.) spiked with 100 uL of IDA solution (Table 1) and 100 uL of TA solution (Table VI). The LCS must be processed in the same manner and at the same time as the associated samples. A second LCS, laboratory control sample duplicate (LCSD), must be performed in the absence of a matrix spike /matrix spike duplicate (MS/MSD or MS/SD) pair.

9.2.1. **Method 1668A** - Corrective actions must be documented on a Non-Conformance memo, then implemented when recoveries of any spiked analyte is outside 50-150%, or the control limits provided on the LIMS, or by the client. The associated samples will be evaluated for adverse impact, and flagged or qualified as appropriate. Re-extraction of the blank, other batch QC, and the affected samples are required when the LCS is deemed unacceptable

9.2.2. **Method 1668C** - Corrective actions must be documented in a Non-Conformance memo, then implemented when recoveries of any spiked analyte is outside the control limits in Table VIII.

9.3. A matrix spike/matrix spike duplicate (MS/MSD or MS/SD) pair may be extracted with every process batch of similar matrix, not to exceed twenty (20) samples. MS/MSD are prepared and analyzed at the request of the client. An MS/MSD pair are aliquots of a selected field sample spiked with analytes of known identity and concentration. The MS/MSD pair must be processed in the same manner and at the same time as the associated samples. Spiked analyte recoveries and precision must be within control limits 50-150%, or the control limits provided on the LIMS, or by the client. The result obtained from MS and MSD samples analysis should agree within 50 percent relative difference. Corrective actions must be documented on a Non-Conformance memo. Outliers will be flagged and narrated as appropriate.

9.4. The IDA recovery for each sample and method blank should be between 25 and 150 percent (15 and 150 percent for ^{13}C-PCB-1 and ^{13}C-PCB-3) for Method 1668A and within the recovery limits outlined in Table VIII for Method 1668C. Signal-to-noise of IDA is also evaluated to assess data usability. Signal-to-noise should meet or exceed 10:1 for all IDA.

9.5. Positive results for the 12 coplanar PCBs are reported at the lower calibration limit of 2.0 pg/g for solids assuming a 10.0 g aliquot and 20 pg/L for aqueous assuming a 1.0 liter aliquot. For all remaining congeners the reporting limit is ten times the lower calibration limit, unless otherwise specified. Detection limits are reported on a sample specific basis and all results are recovery corrected per the isotope dilution technique. For an analyte reported as 'Not Detected' the associated reporting limit represents its maximum possible concentration.

10. CALIBRATION

10.1. For details of the calculations used to generate the regression equations, and how to use the factors generated by these equations, refer to Policy CA-Q-P-003, "Calibration Curves and Selection of Calibration Points".

10.2. Chromatographic/Mass Spectrometric Conditions and Data Acquisition Parameters

10.2.1. Gas Chromatograph
Column coating SPB-Octyl
Film thickness: 0.25 um
Column dimension: 30 m X 0.25mm
Injector temperature: 270°C
Splitless valve time: 1.0 – 2.0
Interface temperature: 270°C
Recommended Temperature program: (see Table III)

10.2.2. The mass spectrometer is operated in selective ion monitoring (SIM) mode. The ions listed in Table IV for each of the six SIM descriptors are monitored. Some of the ions are monitored in more than one SIM descriptor due to overlapping of the GC elution windows of the different homologous series.

10.2.3. The mass spectrometer is tuned by using a PFK molecular bleed. The instrument is tuned to a resolving power of 10,000 (10 percent valley) at m/z 293.9165, or other appropriate PFK mass, at 8 kV. The intensity of this peak is qualitatively checked at 6 and 8 kV.

NOTE: Commercially available PFK can contain varying levels of contamination. A minor PFK mass (223.9872) is known to interfere with the dichloro- PCB secondary quantitation ion (M+2). If this interferent is present it may not be possible to meet the S/N and ion ratio criteria for L2. In these cases the calibration/verification is considered acceptable if the L3 through L6 levels meet all criteria and the L2 meets RT criteria and the primary quantitation ion meets 10:1 signal to noise.

10.2.4. A hardcopy of the PFK reference peaks covering the mass range of 6 descriptors is

produced, at the start of a run sequence, to document the mass resolution at that range. The resolution should be ≥ 8,000 throughout the mass range for each function, and ≥ 10,000 in the center of the mass range for each function.

10.2.5. A mass resolution is also taken at the completion of a 12 hour period. . The resolution should be ≥ 8,000 throughout the mass range for each function, and ≥ 10,000 in the center of the mass range for each function. If the end mass resolution does not meet these criteria, evaluate the preceding samples to determine the effects of poor resolution, and reanalyze as necessary. If the end mass resolution cannot be taken the data will be evaluated for usability and flagged or narrated appropriately. Also a Non-Conformance memo will also be completed.

10.3. Window Defining Mixture (WDM) or (WDM/CCV)

A solution containing all 209 PCBs is injected to determine the elution window for each homologous series. Two ions for each homologous series are monitored in each corresponding SIM descriptor.

NOTE: Injection of the WDM/CCV begins the 12 hour analysis bracket. All samples must be injected within 12 hours.

10.3.1. The WDM/CCV is also used to verify that acquisition windows for each function group are correct and to monitor and verify column performance criteria is achieved.

10.4. Initial Calibration

10.4.1. Calibration is required prior to starting sample analysis. Initial calibration is also required if the routine (daily) calibration fails to meet the criteria for acceptable routine calibration.

10.4.2. A minimum of five high-resolution concentration solutions (listed in Table V) are used for initial calibration. (L1 optional)

10.4.3. The relative response factors (RRF) for native target analytes (TA) [RRF(n)] relative to their appropriate IDAs and the relative response factor of ^{13}C- IDA [RRF(m)] relative to the internal standards (IS) are calculated according to the following formulae:

Equation 1

$$RRF(n) = \frac{A_{TA} \times Q_{IDA}}{Q_{TA} \times A_{IDA}}$$

Equation 2

$$RRF(m) = \frac{A_{is} \times Q_{rs}}{Q_{is} \times A_{rs}}$$

Where:

A_{TA} = Sum of the integrated ion areas of the quantitation ions for unlabeled PCBs,

A_{IDA} = Sum of the integrated ion areas of the quantitation ions for the labeled isotope dilution analytes.

A_{IS} = Sum of the integrated ion areas of the quantitation ions for the labeled internal standards,

Q_{IDA} = Quantity of the isotope dilution analyte injected (pg),

Q_{IS} = Quantity of the internal standard injected (pg), and

Q_{TA} = Quantity of the unlabeled PCB target injected (pg)

The RRF (n) and RRF (m) are dimensionless quantities; the units used to express Q_{IDA}, Q_{IS}, and Q_{TA} must be the same.

10.4.4. The initial calibration is accepted if the relative standard deviation (% RSD) for the Toxic and LOC native compounds listed in Method 1668A does not exceed ± 20 percent. The first eluting congeners for each chlorination level are not Toxic congeners, and are only used for retention time reference and in the estimated calculation of homolog concentrations. The calibration for the labeled isotope dilution analytes (IDAs) is acceptable if the %RSD does not exceed ± 40 percent.

Note- The incorporation of alternate calibration analytes and acceptance criteria may be implemented on a project specific basis.

10.4.5. The signal to noise ratio (s/n) for the GC signals present in every selected ion current profile must be > 3.0:1.

10.4.6. An injection of the 209 PCB congener mix will be performed annually at concentration at or near the laboratory reporting limit for the congeners not included in the multi-point calibration curve. Solution must be 1 – 2 times the reporting limit. For DoD/DOE QSM compliant work a quarterly LOQ check at the L2 level and an LOD check at 2-4X the DL level must be performed.

10.4.7. For those native congeners that have an identically labeled variant (IDA) the RRF for that analyte should be close to 1.0 (0.90-1.10).

10.4.7.1. If not, then evaluate historical RRF for that analyte on the particular instrument in question.

10.4.7.2. If the RRF is not consistent with historical values (within 10%), either re-tune and re-analyze ICAL or analyze a known sample (SRM) to demonstrate acceptable analyte quantitation.

10.5. Initial calibration verification standard (ICV): A second source calibration standard is analyzed following the initial calibration curve, prior to samples. Each of the Toxic and LOC congeners in the ICV must be within ± 30% of its expected value for method 1668A,

and ± 25% of its expected value for method 1668C. The remaining congeners (if spiked)must be within ± 50% of their expected values. IDA must meet the same criteria as for the daily calibration check (below).

10.6. Daily Calibration Check (L4)

10.6.1. 1668A Calibration Criteria

10.6.1.1. Daily calibration check is required every 12 hours. The daily calibration check is acceptable if the % Difference in RRF for the Toxic and LOC native compounds listed in Method 1668A are not greater than ± 30% from the initial calibration. The first eluting congeners for each chlorination level are not Toxic congeners, and are only used for retention time reference and in the estimated calculation of homolog concentrations. The daily calibration check of IDAs is acceptable if the RRFs are not greater than ± 50 % of the mean RRF calculated from the initial calibration curve, unless otherwise directed in the client's SOW. The daily calibration check of the cleanup recovery surrogates (SU) is acceptable if the RRFs are not greater than -40 % or +30% of the mean RRF calculated from the initial calibration curve, unless otherwise directed in the client's SOW. The ratio of the ions for the target analytes (TA) and isotope dilution analytes (IDAs) must be within the limits specified in Table II. If the daily calibration check fails to meet the above criteria, a new initial calibration curve is required.

10.6.1.2. For 1668C QC acceptance criteria see Table VIII.

10.6.2. The valley height between the shorter of the two peaks for the congener pairs 34/23 and 187/182 must be less than 40%. Congeners 156 and 157 must co-elute within 2 seconds of the peak maximum.

10.6.3. If the criteria in Section 10.5.2 are not met, maintenance must be performed. If a second injection fails the column should be replaced.

10.6.3.1. The retention times and response factors should be updated after the criteria for Section 10.5 is met.

11. PROCEDURE

11.1. One time procedural variations are allowed only if deemed necessary in the professional judgment of a supervisor to accommodate variation in sample matrix, radioactivity, chemistry, sample size, or other parameters. Any variation in procedure shall be completely documented using a Non-Conformance Memo and is approved by a Technical Specialist and QA Manager. If contractually required, the client shall be notified. The Non-Conformance Memo shall be filed in the project file.

Any unauthorized deviations from this procedure must also be documented as a nonconformance, with a cause and corrective action described.

11.2. Analysis

11.2.1. 1-2 uL of the final 20 uL extract of the sample is injected into the GC.

11.2.2. Acquire SIM data under the same acquisition and mass spectrometer conditions that the initial calibration curve was acquired.

11.3. Dilutions

11.3.1. Dilutions of 100x or less are made by diluting an aliquot of the sample extract with solvent (dodecane). These are recorded on a dilution form.

11.3.2. Dilutions of greater than 100x require fortification with additional IDA and are termed “complex” dilutions. Contact the PM to add the method chain to the LIMS, and record the dilution in the LIMS. Refer also to work instruction WS-WI-0046 for how to document in the LIMS.

12. CALCULATIONS/DATA REDUCTION

12.1. For a gas chromatographic peak to be identified as a PCB peak, the following criteria must be met:

12.1.1. For the PCB congeners (a total of 27 congeners) which have an isotopically labeled IDAs in the sample extract, the retention time must be within -1 to +3 seconds of the related IDA.

12.1.2. For the Toxic/LOC congeners (27 congeners) that are present in the five initial calibration solutions, the retention time must be within 0.0005 retention time units of the relative limits measured in the routine calibration (L4 standard).

12.1.3. For the remaining 182 PCB congeners (mono-nona) which do not have an isotopically labeled internal standard and are not in the five point initial calibration solutions, the retention time should be within 0.005 retention time units of the relative times measured in the 209 PCB single point calibrations solution. If mono-nona totals are being reported for all or just the remaining isomers the retention time for these compounds should be within the corresponding homologous retention time windows which are established by analyzing either a calibration solution or the 209 single point calibration solution.

12.1.4. For the two ions monitored for each analyte, the apex of the peaks must occur within +/- 2 seconds of each other.

12.1.5. The ratio of the relative intensity of the selected isotopic ions is required to be within the limits (Table II).

12.1.6. A GC/MS peak must be 3.0 times higher than the noise level for positive identification of a PCB compound, and 10 times higher than the noise level for all labeled compounds.

12.1.7. For total isomers to be positively identified they must be within the retention time window of their respective homologous series as specified by the 209 PCB calibration standard.

12.1.8. The loss of one or more chlorines from high chlorinated congeners may contribute to the less-chlorinated congeners peaks that elute at the same retention time which can have an adverse effect on the quantitation of the less-chlorinated congeners. Also in the analysis of total PCBs the extra erroneous peaks in the chromatogram of less-chlorinated congeners produced by the fragment of the high–chlorinated congeners may lead to a high bias in the concentration of the less-chlorinated congeners. If identification is ambiguous, an experienced analyst will determine the presence or absence of the congeners to be reported and the data flagged or narrated appropriately. (The flags will include but are not limited to an elevated detection limit or an estimated positive concentration).

12.2. For gas chromatographic peaks that have met the criteria in Section 12.1, the concentration of the PCBs is calculated by using the following formula:

Equation 3

$$C_{TA} = \frac{A_{TA} \times Q_{IDA}}{A_{IDA} \times W \times RRF_{(TA)}}$$

Where:

C_{TA} = Concentration of unlabeled TA PCB congener,

A_{TA} = Sum of the integrated ion areas of quantitation ions for unlabeled PCBs,

A_{IDA} = Sum of the integrated ion areas of the quantitation ions for the labeled IDAs,

Q_{IDA} = Quantity, in pg, of the IDAs added to the sample before extraction,

W = Sample size in g (if solid) or L (if liquid), and

$RR_{(TA)}$ = Calculated mean relative response factor for the TA.

12.3. The percent recovery of the IDAs is calculated by using the following formula:

Equation 4

$$\text{IDA Percent Recovery} = \frac{A_{IDA} \times Q_{IS}}{Q_{IDA} \times A_{IS} \times RRF_{(IDA)}} \times 100$$

Where:

A_{IDA} = Sum of the integrated ion areas of the quantitation ions for the labeled isotope dilution analyte (IDA).

A_{IS} = Sum of the integrated ion areas of the quantitation ions for the labeled internal standard (IS).

Q_{IDA} = Quantity, in pg, of the isotope dilution analyte (IDA) added to the sample before extraction,

Q_{IS} = Quantity, in pg, of the internal standard (IS) added to the cleaned up sample extract before HRGC/HRMS analysis, and

$RRF_{(IDA)}$ = Mean relative response factor for the labeled IDA relative to the appropriate internal standard

12.4. The total concentration for each homologous series of PCBs calculated by summing up the concentration of all positively identified isomers of each homologous series.

12.5. Target compounds that exceed the upper calibration range of the calibration solutions, will be qualified as estimated unless otherwise directed by specific project request. A dilution factor appropriate to bringing the toxic congeners within the calibration range should be used. For other congeners a dilution that, at a minimum, brings the response to a concentration within the detector's response range is acceptable. If possible, the dilution should bring the concentration within the calibration range of the initial calibration solutions. Results for PCB congeners in a sample that has been diluted are reported at the least dilute level at which the area at the quantitation m/z is in the linear response range and the corresponding labeled compound recovery is within the acceptance range.

12.6. Reporting Results

12.6.1. Unless otherwise directed Eurofins Sacramento will report results in the following units: aqueous samples (pg/L), solids and sediments (pg/g), air samples (pg/sample). Tissues are reported in pg/g wet weight.

12.6.2. Unless otherwise requested the Toxic/LOC congeners will be reported to an RL consistent with the L2 calibration level. Other congeners will be reported to an RL of 10X the L2 level. Reporting limits for coeluting groups will be multiplied by the number of congeners present. Results below the reporting limit will be reported only upon specific request and the reporting process must be agreed upon with the client before samples are processed.

13. METHOD PERFORMANCE

13.1. Method Detection Limit

Each laboratory must generate a valid method detection limit for each analyte of interest. The MDL must be below the reporting limit for each analyte. The procedure for

determination of the method detection limit is given in 40 CFR Part 136, Appendix B, and further defined in WS-QA-0006. MDLs are available in the Quality Assurance department.

13.2. Initial Demonstration

Each analyst must make a one time initial demonstration of capability for each individual method. Demonstration of capability for both soils and water matrices is required. This requires analysis of QC check samples containing all of the standard analytes for the method. For some tests it may be necessary to use more than one QC check mix to cover all analytes of interest.

13.2.1. Four aliquots of the QC check sample are analyzed using the same procedures used to analyze samples, including sample preparation. The concentration of the QC check sample should be equivalent to a mid level calibration standard.

13.2.2. Calculate the average recovery and standard deviation of the recovery for each analyte of interest. Compare these results with the historical acceptance criteria.

13.2.3. If any analyte does not meet the acceptance criteria, the test must be repeated. Only those analytes that did not meet criteria in the first test need to be evaluated. Repeated failure for any analyte indicates the need for the laboratory to evaluate the analytical procedure and take corrective action.

13.2.4. A passing PT sample can be substituted for the 4 aliquots in Section 13.2.1.

13.3. Training Qualification

The group/team leader has the responsibility to ensure that this procedure is performed by an analyst who has been properly trained in its use and has the required experience.

14. POLLUTION CONTROL

It is the Sacramento Laboratory's policy to evaluate each method and look for opportunities to minimize waste generated (i.e., examine recycling options, ordering chemicals based on quantity needed, preparation of reagents based on anticipated usage and reagent stability). Employees must abide by the policies in Section 13 of the Environmental Health and Safety Manual (NDSC-US-EHS-QP46060) for "Waste Management and Pollution Prevention."

14.1. All waste will be disposed of in accordance with Federal, State and Local regulations. Where reasonably feasible, technological changes have been implemented to minimize the potential for pollution of the environment.

14.2. Do not allow waste solvent to evaporate in fume hoods. All solvent waste is stored in capped containers unless transfers are being made.

15. WASTE MANAGEMENT

Waste management practices are conducted consistent with all applicable rules and regulations. Excess reagents, samples, and method process wastes are disposed of in an accepted manner. Waste description rules and land disposal restrictions are followed. Waste disposal procedures are incorporated by reference to SOP WS-EHS-0001. The following waste streams are produced when this method is carried out.

15.1. Autovials contaminated with dodecane. As the autovials are removed from the instrument after analysis, they are stored in vial files in the instrument lab for at least ninety days, depending on client requirements. After at least ninety days, the vial files are transferred to the waste disposal area where they are drummed and shipped as PCB waste after no more than ninety days.

15.2. Miscellaneous disposable glassware, chemical resistant gloves, bench paper and similar materials that may or may not be contaminated/hazardous. Place contaminated materials into a yellow contaminated lab trash bucket. When the bucket is full, or after no more than one year, tie the plastic bag liner shut and put the lab trash into the steel landfill lab trash drum in the H3 closet. When the drum is full, or after no more than 75 days, move it to the waste collection area for shipment.

16. REFERENCES/CROSS REFERENCES

16.1. State of California Air Resources Board Method 428: Determination of Polychlorinated Dibenzo-p-dioxin (PCDD), Polychlorinated Dibenzofuran (PCDF), and Polychlorinated Biphenyl Emissions from Stationary Sources, September 12, 1990.

16.2. EPA Method 1668: Toxic polychlorinated Biphenyls by Isotope Dilution High Resolution Gas Chromatography/High resolution Mass Spectrometry, March 1997.

16.3. Method 1668, Revision A (Method 1668A): Chlorinated Biphenyl Congeners in Water, Soil, Sediment and Tissue by HRGC/HRMS, August 2003.

16.4. Method 1668C: Chlorinated Biphenyl Congeners in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS, April 2010.

16.5. Method 8082A: Polychlorinated Biphenyls (PCBs) By Gas Chromatography, February 2007.

16.6. EPA SOW CBC01.2: Analysis of Chlorinated Biphenyl Congeners (PCBs), December 2009.

17. METHOD MODIFICATIONS

17.1. Deviations from reference Method 1668A

17.1.1. The acceptance criteria of not greater than +/- 20% and +/- 30% for the Initial Calibration and Continuing Calibration Check respectively, includes the Toxic and LOC native compounds listed in Method 1668A and 1668C,

17.1.2. The retention time for PCB-209 does not have to be greater than 55 minutes if all criteria listed in Section 10.5 are achieved. The laboratory uses GC conditions different than those recommended in Method 1668A.

17.1.3. The retention time windows used to identify the chlorination levels is established from the analysis of the native window defining mix included in the calibration curve and native spiking mix.

17.1.4. The laboratory routinely uses a SPB-Octyl column for primary analysis.

17.1.5. Dilutions of 100x or less are not fortified with additional IDA and IS as per the source methods. This permits the IDA recovery correction to compensate for sample matrix.

17.1.6. Evaluation of RRF reasonableness has been added, see Section 10.4.7.

18. ATTACHMENTS

18.1. Table I- Composition of the Sample Fortification Solutions

18.2. Table II- Ion-Abundance Ratio Acceptable Ranges

18.3. Table III- GC Temperature Program

18.4. Table IV- Ions Monitored for HRGC/HRMS Analysis of PCBs

18.5. Table V- High-Resolution Concentration Calibration Solution

18.6. Table VI- Composition of the Matrix Spike Fortification Solution

18.7. Table VII- Analyte List

18.8. Table VIII – Acceptance Criteria for VER, IPR, OPR, and Labeled Compounds in Samples

18.9. Table X – List of co-elutions reported using a 30 M SPB-Octyl column

19. REVISION HISTORY

19.1. WS-ID-0013, Revision 4.9, Effective 02/10/2023

19.1.1. Inserted section 1.3, “The list of co-elutions being reported is given in Table IX.”

19.1.2. Section 2.7 revised to, "Quantitation of the individual congeners for which a ^{13}C-labeled isomer is available in the curve is achieved by using the Relative Response Factor (RRF) determined in the 5 point initial calibration curve (ICAL). If there are specific congeners not included in the five point initial calibration solutions, these congeners are calculated using a RF determined from a single point calibration of a solution containing all 209 PCB compounds. The quantitation of PCB congeners for which there is not a specific ^{13}C-labeled isotope dilution analyte in the sample fortification solution (IDA solution) is achieved by using the average response of all ^{13}C-labeled isotope dilution analytes in each particular homologous series. The sole exception is $^{13}C_{12}$-3,3',4,4',5-penta PCB (EPA #126) which is not used in the average response for the penta-PCB homologous series."

19.1.3. Inserted section 10.4.7 and associated subsections.

19.1.4. Inserted section 7.2 "Sealed ampoules…" and associated subsections.

19.1.5. Section 7.6 – 7.9 revised.

19.1.6. Section 7.10.1 revised to "A second source standard containing the 12 toxic congeners and the first and last eluters at each LOC is used for initial calibration verification (ICV)."

19.1.7. Section 7.11 revised to, "GC retention time window defining mix (WDM) is used to define the beginning and ending retention times for mono-deca chlorinated homologue groups. A continuing calibration verification (CCV) standard containing all 209 congeners may be used as a WDM and CCV (WDMCCV)."

19.1.8. Section 10.2.1 injector temperature and splitless valve time revised.

19.1.9. Section 10.4.3 removed, "The RRF for the total PCBs for each homologous series is calculated as the average of RRFs of the first and last eluting isomers of the corresponding homologous series. The sole exception is $^{13}C_{12}$-3,3',4,4',5-penta PCB (EPA #126) which is not used in the average response for the penta-PCB homologous series."

19.1.10. Added section 17.1.6.

19.1.11. Tables I, II, III, V and VI revised. Added Table IX.

19.1.12. Editorial changes.

19.2. WS-ID-0013, Revision 4.8, Effective 06/24/2021

19.2.1. Section 10.2.4, added the second sentence to read, "The resolution should be ≥ 8,000 throughout the mass range for each function, and ≥ 10,000 in the center of

the mass range for each function."

19.2.2. Section 10.2.5, changed to read, "A mass resolution is also taken at the completion of a 12 hour period. The resolution should be ≥ 8,000 throughout the mass range for each function, and ≥ 10,000 in the center of the mass range for each function. If the end mass resolution does not meet these criteria, evaluate the preceding samples to determine the effects of poor resolution, and reanalyze as necessary. If the end mass resolution cannot be taken the data will be evaluated for usability and flagged or narrated appropriately. Also a Non-Conformance memo will also be completed.

19.2.3. Added Section 11.3 and following subsections.

19.2.4. Added Section 17.1.5

19.2.5. Editorial changes.

19.3. WS-ID-0013, Revision 4.7, Effective 09/17/2020

19.3.1. Section 1.2 revised to, "The CBs determined in this method are the 12 polychlorinated biphenyls (PCBs) designated as toxic by the World Health Organization (WHO). These are congeners 77, 81,105, 114, 118, 123, 126, 156, 157, 167, 169, and 189. This method also determines the remaining 197 PCBs, of which 130 are resolved on the SPB-octyl column to be determined as individual congeners. The remaining 67 congeners are determined as mixtures of isomers (co-elutions). This method can also be used to determine the 20 PCBs on the National Oceanic and Atmospheric Administration (NOAA) list."

19.3.2. Section 2.3 revised to, "The preparation of the final extract for the instrumental analysis is accomplished by adding 5 isotopically (13 C12) labeled internal standards (IS -Table I). The internal standard 13C-2,5-DiCB (EPA#9) is used to quantitate the mono and di chlorinated biphenyl Isotope Dilution Analytes (IDAs) and 13C-TrCB-19. The internal standard 13C-2,2',5,5'-TCB (EPA #52) is used to determine the percent recoveries of tri- and tetra-chlorinated biphenyl IDAs. The 13C-2,2',4,5,5'-PeCB (EPA #101) is used to determine the percent recoveries of penta-chlorinated biphenyls. The 13C-2,2',3,4,4',5'-HxCB (EPA #138) is used to determine the percent recoveries of the hexa chlorinated biphenyl IDAs. The 13C-2,2',3,3',5,5',6,6'-OCB (EPA #194) internal standard is used to determine the percent recoveries of hepta- through deca- chlorinated biphenyl IDAs."

19.3.3. Section 5.1.1 revised to include, "closed toed non-absorbent shoes".

19.3.4. Section 5.2 table added, "Iso-octane (2,2,4-trimethylpentane, 2,4,4-trimethylpentane)" and associated information. Added NFPA hazard numbers for Dodecane and revised associated information.

19.3.5. Section 6.4 revised to, “Data System- Capable of collecting, recording and storing MS data. The system utilizes MassLynx version 4.1 software and Chrom Peak Review, version 2.3.7 or equivalent.”

19.3.6. Section 10.4.4 removed sentence, “The second source criterion for the natives (TA) is ±30% deviation from the curve.”

19.3.7. Section 10.4.5 revised, “2.5:1” to “3.0:1”

19.3.8. Section 12.1.6 revised, “2.5” to “3.0”

19.3.9. Section 15.2 revised, “Miscellaneous disposable glassware, chemical resistant gloves, bench paper and similar materials that may or may not be contaminated/hazardous. Place contaminated materials into a yellow contaminated lab trash bucket. When the bucket is full, or after no more than one year, tie the plastic bag liner shut and put the lab trash into the steel landfill lab trash drum in the H3 closet. When the drum is full, or after no more than 75 days, move it to the waste collection area for shipment.”

19.3.10. Editorial changes.

TABLE I
Composition of the Sample Fortification Solutions

	Isotope Dilution Analytes (IDA) Concentration (pg/uL in Isooctane)	Internal Standards (IS) Solution (pg/uL in Dodecane)	Clean-up Recovery Surrogates (SU) (pg/uL in Isooctane)
$^{13}C_{12}$-2-MonoPCB (1)	20	--	--
$^{13}C_{12}$-4-MonoPCB (3)	20	--	--
$^{13}C_{12}$-2,2-DiPCB (4)	20	--	--
$^{13}C_{12}$-2,5-DiPCB (9)	--	100	--
$^{13}C_{12}$-4,4'-DiPCB (15)	20	--	--
$^{13}C_{12}$-2,2',6'-TriPCB (19)	20	--	--
$^{13}C_{12}$-2,4,4'-TriPCB (28)	--	--	100
$^{13}C_{12}$-3,4,4'-TriPCB (37)	20	--	--
$^{13}C_{12}$-2,2',5,5'-TetraPCB (52)	--	100	--
$^{13}C_{12}$-2,2',6,6'-TetraPCB (54)	20	--	--
$^{13}C_{12}$-3,3',4,4'-TetraPCB (77)	20	--	--
$^{13}C_{12}$-3,4,4',5-TetraPCB (81)	20	--	--
$^{13}C_{12}$-2,2',4,5,5'-PentaPCB (101)	--	100	--
$^{13}C_{12}$-2,2',4,6,6'-PentaPCB (104)	20	--	--
$^{13}C_{12}$-2,3,3',4,4'-PentaPCB (105)	20	--	--
$^{13}C_{12}$-2,3,3'5,5'-PentaPCB (111)	--	--	100
$^{13}C_{12}$-2,3,4,4',5-PentaPCB (114)	20	--	--
$^{13}C_{12}$-2,3',4,4'5-PentaPCB (118)	20	--	--
$^{13}C_{12}$-2',3,4,4',5-PentaPCB (123)	20	--	--
$^{13}C_{12}$-3,3',4,4',5-PentaPCB (126)	20	--	--
$^{13}C_{12}$-2,2',3',4,4',5'-HexaPCB (138)	--	100	--
$^{13}C_{12}$-2,2',4,4',6,6'-HexaPCB (155)	20	--	--
$^{13}C_{12}$-2,3,3',4,4',5-HexaPCB (156)	20	--	--
$^{13}C_{12}$-2,3,3',4,4',5'-HexaPCB (157)	20	--	--
$^{13}C_{12}$-2,3',4,4',5,5'-HexaPCB (167)	20	--	--
$^{13}C_{12}$-3,3',4,4',5,5'-HexaPCB (169)	20	--	--
$^{13}C_{12}$-2,2',3,3',5,5',6-HeptaPCB (178)	--	--	100
$^{13}C_{12}$-2,2',3,4',5,6,6'-HeptaPCB (188)	20	--	--
$^{13}C_{12}$-2,3,3',4,4',5,5'-HeptaPCB (189)	20	--	--
$^{13}C_{12}$-2,2',3,3',4,4',5,5'-OctaPCB (194)	--	100	--
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OctaPCB (202)	20	--	--
$^{13}C_{12}$-2,3,3',4,4'5,5',6-OctaPCB (205)	20	--	--
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NonaPCB (206)	20	--	--
$^{13}C_{12}$-2,2',3,3',4,5,5',6,6'-NonaPCB (208)	20	--	--
$^{13}C_{12}$-DecaPCB (209)	20	--	--

TABLE II
Ion-Abundance Ratio Acceptable Ranges

Number of Halogen Atoms	Theoretical Ion Type	Ratio	Control Limits Lower	Upper
1 Cl	M/M+2	3.13	2.66	3.60
2 Cl	M/M+2	1.56	1.33	1.79
3 Cl	M/M+2	1.04	0.88	1.20
4 Cl	M/M+2	0.77	0.65	0.89
5 Cl	M+2/M+4	1.55	1.32	1.78
6 Cl	M+2/M+4	1.24	1.05	1.43
7 Cl	M+2/M+4	1.05	0.89	1.21
8 Cl	M+2/M+4	0.89	0.76	1.02
9 Cl	M+2/M+4	0.77	0.65	0.89
10 Cl	M+4/M+6	1.16	0.99	1.33

TABLE III
GC Temperature Program

Parameter	SPB-Octyl
Run time (m)	59.9
Initial Temp (°C)	150
Initial Time (m)	2.0
Rate #1 (°C/m)	2.0
Temp #1 (°C)	180
Time #1 (m)	0.0
Rate #2 (°C/m)	10
Temp #2 (°C)	200
Time #2 (m)	0.0
Rate #3 (°C)	2.5
Final Temp (°C)	255
Final Time (m)	10
Rate #4 (°C)	2.0
Temp #4 (°C)	270
Time #4 (m)	0.0
Rate #5 (°C)	50
Temp #5 (°C)	275
Time #5 (m)	0.0
Rate #6 (°C)	120
Final Temp (°C)	120
Final Time (m)	0.0

TABLE IV
Ions Monitored for HRGC/HRMS Analysis of PCBs

Descriptor	Accurate Mass	Ion I.D.	Analyte
1	188.0393	M	MonoCB
	190.0363	M+2	MonoCB
	200.0795	M	MonoCB IDA
	202.0766	M+2	MonoCB IDA
	218.9856	Lock	PFK
	222.0003	M	DiCB
	223.9974	M+2	DiCB
	225.9944	M + 4	DiCB
	234.0406	M	DiCB IDA
	236.0376	M+2	DiCB IDA
2	222.0003	M	DiCB
	223.9974	M+2	DiCB
	225.9944	M + 4	DiCB
	234.0406	M	DiCB IDA
	236.0376	M+2	DiCB IDA
	242.9856	Lock	PFK
	255.9613	M	TriCB
	257.9584	M+2	TriCB
	259.9554	M + 4	TriCB
	268.0016	M	TriCB IDA
	269.9986	M+2	TriCB IDA
	289.9224	M	TetraCB
	291.9194	M+2	TetraCB
	293.9165	M + 4	TetraCB
	301.9626	M	TetraCB IDA, IS
	303.9597	M+2	TetraCB IDA, IS
3	255.9613	M	TriCB
	257.9584	M+2	TriCB
	259.9554	M + 4	TriCB
	268.0016	M	TriCB IDA
	269.9986	M+2	TriCB IDA
	280.9825	Lock	PFK
	289.9224	M	TetraCB
	291.9194	M+2	TetraCB
	293.9165	M + 4	TetraCB
	301.9626	M	TetraCB IDA, IS
	303.9597	M+2	TetraCB IDA
	323.8834	M	PentaCB
	325.8804	M+2	PentaCB
	327.8775	M + 4	PentaCB
	337.9207	M+2	PentaCB IDA, IS
	339.9178	M + 4	PentaCB IDA, IS

TABLE IV
Ions Monitored for HRGC/HRMS Analysis of PCBs

Descriptor	Accurate Mass	Ion I.D.	Analyte
4	289.9224	M	TetraCB
	291.9194	M+2	TetraCB
	293.9165	M + 4	TetraCB
	301.9626	M	TetraCB IDA, IS
	303.9597	M+2	TetraCB IDA
	323.8834	M	PentaCB
	325.8804	M+2	PentaCB
	327.8775	M + 4	PentaCB
	330.9792	Lock	PFK
	337.9207	M+2	PentaCB IDA, IS
	339.9178	M + 4	PentaCB IDA, IS
	359.8415	M+2	HexaCB
	361.8385	M+4	HexaCB
	363.8356	M + 6	HexaCB
	371.8817	M+2	HexaCB IDA
	373.8788	M+4	HexaCB IDA
	393.8025	M+2	HeptaCB
	395.7995	M+4	HeptaCB
	397.7966	M + 6	HeptaCB
	405.8428	M+2	HeptaCB IDA
	407.8398	M+4	HeptaCB IDA
5	354.9792	Lock	PFK
	359.8415	M+2	HexaCB
	361.8385	M+4	HexaCB
	363.8356	M + 6	HexaCB
	371.8817	M+2	HexaCB IDA
	373.8788	M+4	HexaCB IDA
	393.8025	M+2	HeptaCB
	395.7995	M+4	HeptaCB
	397.7966	M + 6	HeptaCB
	405.8428	M+2	HeptaCB IDA
	407.8398	M+4	HeptaCB IDA
	427.7635	M+2	Octa CB
	429.7606	M+4	Octa CB
	431.7576	M + 6	Octa CB
	439.8038	M+2	OctaCB IDA
	441.8008	M+4	OctaCB IDA
	454.9782	Lock	PFK
6	393.8025	M+2	HeptaCB
	395.7995	M+4	HeptaCB
	397.7966	M + 6	HeptaCB
	405.8428	M+2	HeptaCB IDA

TABLE IV
Ions Monitored for HRGC/HRMS Analysis of PCBs

Descriptor	Accurate Mass	Ion I.D.	Analyte
	407.8398	M+4	HeptaCB IDA
	427.7635	M+2	Octa CB
	429.7606	M+4	Octa CB
	431.7576	M + 6	Octa CB
	439.8038	M+2	OctaCB IDA
	441.8008	M+4	OctaCB IDA
	442.9728	QC	PFK
	454.9782	Lock	PFK
	461.7246	M + 2	NonaCB
	463.7216	M + 4	NonaCB
	465.7187	M + 6	NonaCB
	473.7648	M + 2	NonaCB IDA
	475.7619	M + 4	NonaCB IDA
	495.6856	M + 2	DecaCB
	497.6826	M + 4	DecaCB
	499.6797	M + 6	DecaCB
	507.7258	M + 2	DecaCB IDA
	509.7229	M + 4	DecaCB IDA
	511.7199	M + 6	DecaCB IDA

TABLE V
High-Resolution Concentration Calibration Solution

Compound	IUPAC #(s)	Concentration (pg/µL in dodecane)					
		Optional L1	L2	L3	L4	L5	L6
Target Analytes (TA)							
MonoPCB	1,3	0.2	1	5	50	400	1000
DiPCB	4,15	0.2	1	5	50	400	1000
TriPCB	19,37	0.2	1	5	50	400	1000
TetraPCB	54,77,81	0.2	1	5	50	400	1000
PentaPCB	104,105,114,118,123,126	0.2	1	5	50	400	1000
HexaPCB	155, 156,157,167,169	0.2	1	5	50	400	1000
HeptaPCB	188,189	0.2	1	5	50	400	1000
OctaPCB	202,205	0.2	1	5	50	400	1000
NonaPCB	206,208	0.2	1	5	50	400	1000
DecaPCB	209	0.2	1	5	50	400	1000
Isotope Dilution Analytes (IDA)							
^{13}C-MonoPCB	1,3	100	100	100	100	100	100
^{13}C-DiPCB	4,15	100	100	100	100	100	100
^{13}C-TriPCB	19,37	100	100	100	100	100	100
^{13}C-TetraPCB	54,77, 81	100	100	100	100	100	100
^{13}C-PentaPCB	104,105,114,118,123,126	100	100	100	100	100	100
^{13}C-HexaPCB	155,156,157,167,169	100	100	100	100	100	100
^{13}C-HeptaPCB	188,189	100	100	100	100	100	100
^{13}C-OctaPCB	202,205	100	100	100	100	100	100
^{13}C-NonaPCB	206,208	100	100	100	100	100	100
^{13}C-DecaPCB	209	100	100	100	100	100	100
Internal Standards (IS)							
^{13}C-DiPCB	9	100	100	100	100	100	100
^{13}C-TetraPCB	52	100	100	100	100	100	100
^{13}C-PentaPCB	101	100	100	100	100	100	100
^{13}C-HexaPCB	138	100	100	100	100	100	100
^{13}C-OctaPCB	194	100	100	100	100	100	100
Cleanup Recovery Surrogates (SU)							
^{13}C-TriPCB	28	100	100	100	100	100	100
^{13}C-PentaPCB	111	100	100	100	100	100	100
^{13}C-HeptaPCB	178	100	100	100	100	100	100

Note: When performing a multi-level calibration with solutions containing all 209 native congeners, the concentration of each congener is the same as the Target Analytes listed above.

Table VI
Composition of the Laboratory Control Spike and Matrix Spike Fortification Solution

Compound (Unlabelled)	IUPAC #(s)	Concentration (pg/uL in Dodecane)
MonoPCB	1,3	20
DiPCB	4,15	20
TriPCB	19,37	20
TetraPCB	54,77,81	20
PentaPCB	104,105,114, 118,123,126	20
HexaPCB	155, 156,157,167,169	20
HeptaPCB	188,189	20
OctaPCB	202,205	20
NonaPCB	206,208	20
DecaPCB	209	20

Table VII
Analyte List

SYNAME	Compound	CAS No	SYNAME	Compound	CAS No
PCB 1 (BZ)	2-Chlorobiphenyl	2051-60-7	PCB 106 (BZ)	2,3,3',4,5-Pentachlorobiphenyl	70424-69-0
PCB 2 (BZ)	3-Chlorobiphenyl	2051-61-8	PCB 107 (BZ) 109 (IUPAC)	2,3,3',4',5-Pentachlorobiphenyl	70424-68-9
PCB 3 (BZ)	Biphenyl, 4-chloro	2051-62-9	PCB 108 (BZ) 107 (IUPAC)	2,3,3',4,5'-Pentachlorobiphenyl	70362-41-3
PCB 4 (BZ)	2,2'-Dichlorobiphenyl	13029-08-8	PCB 109 (BZ) 108 (IUPAC)	2,3,3',4,6-Pentachlorobiphenyl	74472-35-8
PCB 5 (BZ)	2,3-Dichlorobiphenyl	16605-91-7	PCB 110 (BZ)	2,3,3',4',6-Pentachlorobiphenyl	38380-03-9
PCB 6 (BZ)	2,3'-Dichlorobiphenyl	25569-80-6	PCB 111 (BZ)	2,3,3',5,5'-Pentachlorobiphenyl	39635-32-0
PCB 7 (BZ)	2,4-Dichlorobiphenyl	33284-50-3	PCB 112 (BZ)	2,3,3',5,6-Pentachlorobiphenyl	74472-36-9
PCB 8 (BZ)	2,4'-Dichlorbiphenyl	34883-43-7	PCB 113 (BZ)	2,3,3',5',6-Pentachlorobiphenyl	68194-10-5
PCB 9 (BZ)	2,5-Dichlorobiphenyl	34883-39-1	PCB 114 (BZ)	2,3,4,4',5-Pentachlorobiphenyl	74472-37-0
PCB 10 (BZ)	2,6-Dichlorobiphenyl	33146-45-1	PCB 115 (BZ)	2,3,4,4',6-Pentachlorobiphenyl	74472-38-1
PCB 11 (BZ)	3,3'-Dichlorobiphenyl	2050-67-1	PCB 116 (BZ)	2,3,4,5,6-Pentachlorobiphenyl	18259-05-7
PCB 12 (BZ)	3,4-Dichlorobiphenyl	2974-92-7	PCB 117 (BZ)	2,3,4',5,6-Pentachlorobiphenyl	68194-11-6
PCB 13 (BZ)	3,4'-Dichlorobiphenyl	2974-90-5	PCB 118 (BZ)	2,3',4,4',5-Pentachlorobiphenyl	31508-00-6
PCB 14 (BZ)	3,5-Dichlorobiphenyl	34883-41-5	PCB 119 (BZ)	2,3',4,4',6-Pentachlorobiphenyl	56558-17-9
PCB 15 (BZ)	4,4'-Dichlorobiphenyl	2050-68-2	PCB 120 (BZ)	2,3',4,5,5'-Pentachlorobiphenyl	68194-12-7
PCB 16 (BZ)	2,2',3-Trichlorobiphenyl	38444-78-9	PCB 121 (BZ)	2,3',4,5',6-Pentachlorobiphenyl	56558-18-0
PCB 17 (BZ)	2,2',4-Trichlorobiphenyl	37680-66-3	PCB 122 (BZ)	2',3,3',4,5-Pentachlorobiphenyl	76842-07-4
PCB 18 (BZ)	2,2',5-Trichlorobiphenyl	37680-65-2	PCB 123 (BZ)	2',3,4,4',5-Pentachlorobiphenyl	65510-44-3
PCB 19 (BZ)	2,2',6-Trichlorobiphenyl	38444-73-4	PCB 124 (BZ)	2',3,4,5,5'-Pentachlorobiphenyl	70424-70-3
PCB 20 (BZ)	2,3,3'-Trichlorobiphenyl	38444-84-7	PCB 125 (BZ)	2',3,4,5,6'-Pentachlorobiphenyl	74472-39-2
PCB 21 (BZ)	2,3,4-Trichlorobiphenyl	55702-46-0	PCB 126 (BZ)	3,3',4,4',5-Pentachlorobiphenyl	57465-28-8
PCB 22 (BZ)	2,3,4'-Trichlorobiphenyl	38444-85-8	PCB 127 (BZ)	3,3',4,5,5'-Pentachlorobiphenyl	39635-33-1
PCB 23 (BZ)	2,3,5-Trichlorobiphenyl	55720-44-0	PCB 128 (BZ)	2,2',3,3',4,4'-Hexachlorobiphenyl	38380-07-3
PCB 24 (BZ)	2,3,6-Trichlorobiphenyl	55702-45-9	PCB 129 (BZ)	2,2',3,3',4,5-Hexachlorobiphenyl	55215-18-4
PCB 25 (BZ)	2,3',4-Trichlorobiphenyl	55712-37-3	PCB 130 (BZ)	2,2',3,3',4,5'-Hexachlorobiphenyl	52663-66-8
PCB 26 (BZ)	2,3',5-Trichlorobiphenyl	38444-81-4	PCB 131 (BZ)	2,2',3,3',4,6-Hexachlorobiphenyl	61798-70-7
PCB 27 (BZ)	2,3',6-Trichlorobiphenyl	38444-76-7	PCB 132 (BZ)	2,2',3,3',4,6'-Hexachlorobiphenyl	38380-05-1
PCB 28 (BZ)	2,4,4'-Trichlorobiphenyl	7012-37-5	PCB 133 (BZ)	2,2',3,3',5,5'-Hexachlorobiphenyl	35694-04-3
PCB 29 (BZ)	2,4,5-Trichlorobiphenyl	15862-07-4	PCB 134 (BZ)	2,2',3,3',5,6-Hexachlorobiphenyl	52704-70-8
PCB 30 (BZ)	2,4,6-Trichlorobiphenyl	35693-92-6	PCB 135 (BZ)	2,2',3,3',5,6'-Hexachlorobiphenyl	52744-13-5
PCB 31 (BZ)	2,4',5-Trichlorobiphenyl	16606-02-3	PCB 136 (BZ)	2,2',3,3',6,6'-Hexachlorobiphenyl	38411-22-2
PCB 32 (BZ)	2,4',6-Trichlorobiphenyl	38444-77-8	PCB 137 (BZ)	2,2',3,4,4',5-Hexachlorobiphenyl	35694-06-5
PCB 33 (BZ)	2',3,4-Trichlorobiphenyl	38444-86-9	PCB 138 (BZ)	2,2',3,4,4',5'-Hexachlorobiphenyl	35065-28-2
PCB 34 (BZ)	2',3,5-Trichlorobiphenyl	37680-68-5	PCB 139 (BZ)	2,2',3,4,4',6-Hexachlorobiphenyl	56030-56-9
PCB 35 (BZ)	3,3',4-Trichlorobiphenyl	37680-69-6	PCB 140 (BZ)	2,2',3,4,4',6'-Hexachlorobiphenyl	59291-64-4
PCB 36 (BZ)	3,3',5-Trichlorobiphenyl	38444-87-0	PCB 141 (BZ)	2,2',3,4,5,5'-Hexachlorobiphenyl	52712-04-6
PCB 37 (BZ)	3,4,4'-Trichlorobiphenyl	38444-90-5	PCB 142 (BZ)	2,2',3,4,5,6-Hexachlorobiphenyl	41411-61-4
PCB 38 (BZ)	3,4,5-Trichlorobiphenyl	53555-66-1	PCB 143 (BZ)	2,2',3,4,5,6'-Hexachlorobiphenyl	68194-15-0
PCB 39 (BZ)	3,4',5-Trichlorobiphenyl	38444-88-1	PCB 144 (BZ)	2,2',3,4,5',6-Hexachlorobiphenyl	68194-14-9
PCB 40 (BZ)	2,2',3,3'-Tetrachlorobiphenyl	38444-93-8	PCB 145 (BZ)	2,2',3,4,6,6'-Hexachlorobiphenyl	74472-40-5
PCB 41 (BZ)	2,2',3,4-Tetrachlorobiphenyl	52663-59-9	PCB 146 (BZ)	2,2',3,4',5,5'-Hexachlorobiphenyl	51908-16-8
PCB 42 (BZ)	2,2',3,4'-Tetrachlorobiphenyl	36559-22-5	PCB 147 (BZ)	2,2',3,4',5,6-Hexachlorobiphenyl	68194-13-8

Table VII
Analyte List

SYNAME	Compound	CAS No	SYNAME	Compound	CAS No
PCB 43 (BZ)	2,2',3,5-Tetrachlorobiphenyl	70362-46-8	PCB 148 (BZ)	2,2',3,4',5,6'-Hexachlorobiphenyl	74472-41-6
PCB 44 (BZ)	2,2',3,5'-Tetrachlorobiphenyl	41464-39-5	PCB 149 (BZ)	2,2',3,4',5',6-Hexachlorobiphenyl	38380-04-0
PCB 45 (BZ)	2,2',3,6-Tetrachlorobiphenyl	70362-45-7	PCB 150 (BZ)	2,2',3,4',6,6'-Hexachlorobiphenyl	68194-08-1
PCB 46 (BZ)	2,2',3,6'-Tetrachlorobiphenyl	41464-47-5	PCB 151 (BZ)	2,2',3,5,5',6-Hexachlorobiphenyl	52663-63-5
PCB 47 (BZ)	2,2',4,4'-Tetrachlorobiphenyl	2437-79-8	PCB 152 (BZ)	2,2',3,5,6,6'-Hexachlorobiphenyl	68194-09-2
PCB 48 (BZ)	2,2',4,5-Tetrachlorobiphenyl	70362-47-9	PCB 153 (BZ)	2,2',4,4',5,5'-Hexachlorobiphenyl	35065-27-1
PCB 49 (BZ)	2,2',4,5'-Tetrachlorobiphenyl	41464-40-8	PCB 154 (BZ)	2,2',4,4',5,6'-Hexachlorobiphenyl	60145-22-4
PCB 50 (BZ)	2,2',4,6-Tetrachlorobiphenyl	62796-65-0	PCB 155 (BZ)	2,2',4,4',6,6'-Hexachlorobiphenyl	33979-03-2
PCB 51 (BZ)	2,2',4,6'-Tetrachlorobiphenyl	68194-04-7	PCB 156 (BZ)	2,3,3',4,4',5-Hexachlorobiphenyl	38380-08-4
PCB 52 (BZ)	2,2',5,5'-Tetrachlorobiphenyl	35693-99-3	PCB 157 (BZ)	2,3,3',4,4',5'-Hexachlorobiphenyl	69782-90-7
PCB 53 (BZ)	2,2',5,6'-Tetrachlorobiphenyl	41464-41-9	PCB 158 (BZ)	2,3,3',4,4',6-Hexachlorobiphenyl	74472-42-7
PCB 54 (BZ)	2,2',6,6'-Tetrachlorobiphenyl	15968-05-5	PCB 159 (BZ)	2,3,3',4,5,5'-Hexachlorobiphenyl	39635-35-3
PCB 55 (BZ)	2,3,3',4-Tetrachlorobiphenyl	74338-24-2	PCB 160 (BZ)	2,3,3',4,5,6-Hexachlorobiphenyl	41411-62-5
PCB 56 (BZ)	2,3,3',4'-Tetrachlorobiphenyl	41464-43-1	PCB 161 (BZ)	2,3,3',4,5',6-Hexachlorobiphenyl	74472-43-8
PCB 57 (BZ)	2,3,3',5-Tetrachlorobiphenyl	70424-67-8	PCB 162 (BZ)	2,3,3',4',5,5'-Hexachlorobiphenyl	39635-34-2
PCB 58 (BZ)	2,3,3',5'-Tetrachlorobiphenyl	41464-49-7	PCB 163 (BZ)	2,3,3',4',5,6-Hexachlorobiphenyl	74472-44-9
PCB 59 (BZ)	2,3,3',6-Tetrachlorobiphenyl	74472-33-6	PCB 164 (BZ)	2,3,3',4',5',6-Hexachlorobiphenyl	74472-45-0
PCB 60 (BZ)	2,3,4,4'-Tetrachlorobiphenyl	33025-41-1	PCB 165 (BZ)	2,3,3',5,5',6-Hexachlorobiphenyl	74472-46-1
PCB 61 (BZ)	2,3,4,5-Tetrachlorobiphenyl	33284-53-6	PCB 166 (BZ)	2,3,4,4',5,6-Hexachlorobiphenyl	41411-63-6
PCB 62 (BZ)	2,3,4,6-Tetrachlorobiphenyl	54230-22-7	PCB 167 (BZ)	2,3',4,4',5,5'-Hexachlorobiphenyl	52663-72-6
PCB 63 (BZ)	2,3,4',5-Tetrachlorobiphenyl	74472-34-7	PCB 168 (BZ)	2,3',4,4',5',6-Hexachlorobiphenyl	59291-65-5
PCB 64 (BZ)	2,3,4',6-Tetrachlorobiphenyl	52663-58-8	PCB 169 (BZ)	3,3',4,4',5,5'-Hexachlorobiphenyl	32774-16-6
PCB 65 (BZ)	2,3,5,6-Tetrachlorobiphenyl	33284-54-7	PCB 170 (BZ)	2,2',3,3',4,4',5-Heptachlorobiphenyl	35065-30-6
PCB 66 (BZ)	2,3',4,4'-Tetrachlorobiphenyl	32598-10-0	PCB 171 (BZ)	2,2',3,3',4,4',6-Heptachlorobiphenyl	52663-71-5
PCB 67 (BZ)	2,3',4,5-Tetrachlorobiphenyl	73575-53-8	PCB 172 (BZ)	2,2',3,3',4,5,5'-Heptachlorobiphenyl	52663-74-8
PCB 68 (BZ)	2,3',4,5'-Tetrachlorobiphenyl	73575-52-7	PCB 173 (BZ)	2,2',3,3',4,5,6-Heptachlorobiphenyl	68194-16-1
PCB 69 (BZ)	2,3',4,6-Tetrachlorobiphenyl	60233-24-1	PCB 174 (BZ)	2,2',3,3',4,5,6'-Heptachlorobiphenyl	38411-25-5
PCB 70 (BZ)	2,3',4',5-Tetrachlorobiphenyl	32598-11-1	PCB 175 (BZ)	2,2',3,3',4,5',6-Heptachlorobiphenyl	40186-70-7
PCB 71 (BZ)	2,3',4',6-Tetrachlorobiphenyl	41464-46-4	PCB 176 (BZ)	2,2',3,3',4,6,6'-Heptachlorobiphenyl	52663-65-7
PCB 72 (BZ)	2,3',5,5'-Tetrachlorobiphenyl	41464-42-0	PCB 177 (BZ)	2,2',3,3',4',5,6-Heptachlorobiphenyl	52663-70-4
PCB 73 (BZ)	2,3',5',6-Tetrachlorobiphenyl	74338-23-1	PCB 178 (BZ)	2,2',3,3',5,5',6-Heptachlorobiphenyl	52663-67-9
PCB 74 (BZ)	2,4,4',5-Tetrachlorobiphenyl	32690-93-0	PCB 179 (BZ)	2,2',3,3',5,6,6'-Heptachlorobiphenyl	52663-64-6
-PCB 75 (BZ)	2,4,4',6-Tetrachlorobiphenyl	32598-12-2	PCB 180 (BZ)	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065-29-3
PCB 76 (BZ)	2',3,4,5-Tetrachlorobiphenyl	70362-48-0	PCB 181 (BZ)	2,2',3,4,4',5,6-Heptachlorobiphenyl	74472-47-2
PCB 77 (BZ)	3,3',4,4'-Tetrachlorobiphenyl	32598-13-3	PCB 182 (BZ)	2,2',3,4,4',5,6'-Heptachlorobiphenyl	60145-23-5
PCB 78 (BZ)	3,3',4,5-Tetrachlorobiphenyl	70362-49-1	PCB 183 (BZ)	2,2',3,4,4',5',6-Heptachlorobiphenyl	52663-69-1
PCB 79 (BZ)	3,3',4,5'-Tetrachlorobiphenyl	41464-48-6	PCB 184 (BZ)	2,2',3,4,4',6,6'-	74472-48-3

Table VII
Analyte List

SYNAME	Compound	CAS No	SYNAME	Compound	CAS No
				Heptachlorobiphenyl	
PCB 80 (BZ)	3,3',5,5'-Tetrachlorobiphenyl	33284-52-5	PCB 185 (BZ)	2,2',3,4,5,5',6-Heptachlorobiphenyl	52712-05-7
PCB 81 (BZ)	3,4,4',5-Tetrachlorobiphenyl	70362-50-4	PCB 186 (BZ)	2,2',3,4,5,6,6'-Heptachlorobiphenyl	74472-49-4
PCB 82 (BZ)	2,2',3,3',4-Pentachlorobiphenyl	52663-62-4	PCB 187 (BZ)	2,2',3,4',5,5',6-Heptachlorobiphenyl	52663-68-0
PCB 83 (BZ)	2,2',3,3',5-Pentachlorobiphenyl	60145-20-2	PCB 188 (BZ)	2,2',3,4',5,6,6'-Heptachlorobiphenyl	74487-85-7
PCB 84 (BZ)	2,2',3,3',6-Pentachlorobiphenyl	52663-60-2	PCB 189 (BZ)	2,3,3',4,4',5,5'-Heptachlorobiphenyl	39635-31-9
PCB 85 (BZ)	2,2',3,4,4'-Pentachlorobiphenyl	65510-45-4	PCB 190 (BZ)	2,3,3',4,4',5,6-Heptachlorobiphenyl	41411-64-7
PCB 86 (BZ)	2,2',3,4,5-Pentachlorobiphenyl	55312-69-1	PCB 191 (BZ)	2,3,3',4,4',5',6-Heptachlorobiphenyl	74472-50-7
PCB 87 (BZ)	2,2',3,4,5'-Pentachlorobiphenyl	38380-02-8	PCB 192 (BZ)	2,3,3',4,5,5',6-Heptachlorobiphenyl	74472-51-8
PCB 88 (BZ)	2,2',3,4,6-Pentachlorobiphenyl	55215-17-3	PCB 193 (BZ)	2,3,3',4',5,5',6-Heptachlorobiphenyl	69782-91-8
PCB 89 (BZ)	2,2',3,4,6'-Pentachlorobiphenyl	73575-57-2	PCB 194 (BZ)	2,2',3,3',4,4',5,5'-Octachlorobiphenyl	35694-08-7
PCB 90 (BZ)	2,2',3,4',5-Pentachlorobiphenyl	68194-07-0	PCB 195 (BZ)	2,2',3,3',4,4',5,6-Octachlorobiphenyl	52663-78-2
PCB 71 (BZ)	2,3',4',6-Tetrachlorobiphenyl	41464-46-4	PCB 176 (BZ)	2,2',3,3',4,6,6'-Heptachlorobiphenyl	52663-65-7
PCB 72 (BZ)	2,3',5,5'-Tetrachlorobiphenyl	41464-42-0	PCB 177 (BZ)	2,2',3,3',4',5,6-Heptachlorobiphenyl	52663-70-4
PCB 73 (BZ)	2,3',5',6-Tetrachlorobiphenyl	74338-23-1	PCB 178 (BZ)	2,2',3,3',5,5',6-Heptachlorobiphenyl	52663-67-9
PCB 74 (BZ)	2,4,4',5-Tetrachlorobiphenyl	32690-93-0	PCB 179 (BZ)	2,2',3,3',5,6,6'-Heptachlorobiphenyl	52663-64-6
PCB 75 (BZ)	2,4,4',6-Tetrachlorobiphenyl	32598-12-2	PCB 180 (BZ)	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065-29-3
PCB 76 (BZ)	2',3,4,5-Tetrachlorobiphenyl	70362-48-0	PCB 181 (BZ)	2,2',3,4,4',5,6-Heptachlorobiphenyl	74472-47-2
PCB 77 (BZ)	3,3',4,4'-Tetrachlorobiphenyl	32598-13-3	PCB 182 (BZ)	2,2',3,4,4',5,6'-Heptachlorobiphenyl	60145-23-5
PCB 78 (BZ)	3,3',4,5-Tetrachlorobiphenyl	70362-49-1	PCB 183 (BZ)	2,2',3,4,4',5',6-Heptachlorobiphenyl	52663-69-1
PCB 79 (BZ)	3,3',4,5'-Tetrachlorobiphenyl	41464-48-6	PCB 184 (BZ)	2,2',3,4,4',6,6'-Heptachlorobiphenyl	74472-48-3
PCB 80 (BZ)	3,3',5,5'-Tetrachlorobiphenyl	33284-52-5	PCB 185 (BZ)	2,2',3,4,5,5',6-Heptachlorobiphenyl	52712-05-7
PCB 81 (BZ)	3,4,4',5-Tetrachlorobiphenyl	70362-50-4	PCB 186 (BZ)	2,2',3,4,5,6,6'-Heptachlorobiphenyl	74472-49-4
PCB 82 (BZ)	2,2',3,3',4-Pentachlorobiphenyl	52663-62-4	PCB 187 (BZ)	2,2',3,4',5,5',6-Heptachlorobiphenyl	52663-68-0
PCB 83 (BZ)	2,2',3,3',5-Pentachlorobiphenyl	60145-20-2	PCB 188 (BZ)	2,2',3,4',5,6,6'-Heptachlorobiphenyl	74487-85-7
PCB 84 (BZ)	2,2',3,3',6-Pentachlorobiphenyl	52663-60-2	PCB 189 (BZ)	2,3,3',4,4',5,5'-Heptachlorobiphenyl	39635-31-9
PCB 85 (BZ)	2,2',3,4,4'-Pentachlorobiphenyl	65510-45-4	PCB 190 (BZ)	2,3,3',4,4',5,6-Heptachlorobiphenyl	41411-64-7

Table VII
Analyte List

SYNAME	Compound	CAS No	SYNAME	Compound	CAS No
PCB 86 (BZ)	2,2',3,4,5-Pentachlorobiphenyl	55312-69-1	PCB 191 (BZ)	2,3,3',4,4',5',6-Heptachlorobiphenyl	74472-50-7
PCB 87 (BZ)	2,2',3,4,5'-Pentachlorobiphenyl	38380-02-8	PCB 192 (BZ)	2,3,3',4,5,5',6-Heptachlorobiphenyl	74472-51-8
PCB 88 (BZ)	2,2',3,4,6-Pentachlorobiphenyl	55215-17-3	PCB 193 (BZ)	2,3,3',4',5,5',6-Heptachlorobiphenyl	69782-91-8
PCB 89 (BZ)	2,2',3,4,6'-Pentachlorobiphenyl	73575-57-2	PCB 194 (BZ)	2,2',3,3',4,4',5,5'-Octachlorobiphenyl	35694-08-7
PCB 90 (BZ)	2,2',3,4',5-Pentachlorobiphenyl	68194-07-0	PCB 195 (BZ)	2,2',3,3',4,4',5,6-Octachlorobiphenyl	52663-78-2
PCB 91 (BZ)	2,2',3,4',6-Pentachlorobiphenyl	68194-05-8	PCB 196 (BZ)	2,2',3,3',4,4',5,6'-Octachlorobiphenyl	42740-50-1
PCB 92 (BZ)	2,2',3,5,5'-Pentachlorobiphenyl	52663-61-3	PCB 197 (BZ)	2,2',3,3',4,4',6,6'-Octachlorobiphenyl	33091-17-7
PCB 93 (BZ)	2,2',3,5,6-Pentachlorobiphenyl	73575-56-1	PCB 198 (BZ)	2,2',3,3',4,5,5',6-Octachlorobiphenyl	68194-17-2
PCB 94 (BZ)	2,2',3,5,6'-Pentachlorobiphenyl	73575-55-0	PCB 199 (BZ) 200 (IUPAC)	2,2',3,3',4,5,6,6'-Octachlorobiphenyl	52663-73-7
PCB 95 (BZ)	2,2',3,5',6-Pentachlorobiphenyl	38379-99-6	PCB 200 (BZ) 201 (IUPAC)	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	40186-71-8
PCB 96 (BZ)	2,2',3,6,6'-Pentachlorobiphenyl	73575-54-9	PCB 201 (BZ) 199 (IUPAC)	2,2',3,3',4,5,5',6'-Octachlorobiphenyl	52663-75-9
PCB 97 (BZ)	2,2',3',4,5-Pentachlorobiphenyl	41464-51-1	PCB 202 (BZ)	2,2',3,3',5,5',6,6'-octachlorobiphenyl	2136-99-4
PCB 98 (BZ)	2,2',3',4,6-Pentachlorobiphenyl	60233-25-2	PCB 203 (BZ)	2,2',3,4,4',5,5',6-Octachlorobiphenyl	52663-76-0
PCB 99 (BZ)	2,2',4,4',5-Pentachlorobiphenyl	38380-01-7	PCB 204 (BZ)	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	74472-52-9
PCB 100 (BZ)	2,2',4,4',6-Pentachlorobiphenyl	39485-83-1	PCB 205 (BZ)	2,3,3',4,4',5,5',6-Octachlorobiphenyl	74472-53-0
PCB 101 (BZ)	2,2',4,5,5'-Pentachlorobiphenyl	37680-73-2	PCB 206 (BZ)	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	40186-72-9
PCB 102 (BZ)	2,2',4,5,6'-Pentachlorobiphenyl	68194-06-9	PCB 207 (BZ)	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	52663-79-3
PCB 103 (BZ)	2,2',4,5',6-Pentachlorobiphenyl	60145-21-3	PCB 208 (BZ)	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	52663-77-1
PCB 104 (BZ)	2,2',4,6,6'-Pentachlorobiphenyl	56558-16-8	PCB 209 (BZ)	Decachlorobiphenyl	2051-24-3
PCB 105 (BZ)	2,3,3',4,4'-Pentachlorobiphenyl	32598-14-4			

Table VIII
Method 1668C QC Acceptance Criteria for VER, IPR, OPR and Labeled compounds in samples

Congener Name	Test Concentration (ng/ml)	VER (%)	IPR RSD (%)	IPR Mean Recovery (%)	OPR Recovery (%)	Labeled compound Recovery in Samples (%)
PCB-1	100	75-125	25	70-130	60-135	NA
PCB-3	100	75-125	25	70-130	60-135	
PCB-4	100	75-125	25	70-130	60-135	
PCB-15	100	75-125	25	70-130	60-135	
PCB-19	100	75-125	25	70-130	60-135	
PCB-37	100	75-125	25	70-130	60-135	
PCB-54	100	75-125	25	70-130	60-135	
PCB-77	100	75-125	25	70-130	60-135	
PCB-81	100	75-125	25	70-130	60-135	
PCB-104	100	75-125	25	70-130	60-135	
PCB-105	100	75-125	25	70-130	60-135	
PCB-114	100	75-125	25	70-130	60-135	
PCB-118	100	75-125	25	70-130	60-135	
PCB-123	100	75-125	25	70-130	60-135	
PCB-126	100	75-125	25	70-130	60-135	
PCB-155	100	75-125	25	70-130	60-135	
PCB-156	100	75-125	25	70-130	60-135	
PCB-157	100	75-125	25	70-130	60-135	
PCB-167	100	75-125	25	70-130	60-135	
PCB-169	100	75-125	25	70-130	60-135	
PCB-188	100	75-125	25	70-130	60-135	
PCB-189	100	75-125	25	70-130	60-135	
PCB-202	100	75-125	25	70-130	60-135	
PCB-205	100	75-125	25	70-130	60-135	
PCB-206	100	75-125	25	70-130	60-135	
PCB-208	100	75-125	25	70-130	60-135	
PCB-209	100	75-125	25	70-130	60-135	
Isotope Dilution Analytes (IDA)						
$^{13}C_{12}$-PCB-1	100	50-145	70	20-135	15-145	5-145
$^{13}C_{12}$-PCB-3	100	50-145	70	20-135	15-145	5-145
$^{13}C_{12}$-PCB-4	100	50-145	70	20-135	15-145	5-145
$^{13}C_{12}$-PCB-15	100	50-145	70	20-135	15-145	5-145
$^{13}C_{12}$-PCB-19	100	50-145	70	20-135	15-145	5-145
$^{13}C_{12}$-PCB-37	100	50-145	70	20-135	15-145	5-145

Table VIII
Method 1668C QC Acceptance Criteria for VER, IPR, OPR and Labeled compounds in samples

Congener Name	Test Concentration (ng/ml)	VER (%)	IPR RSD (%)	IPR Mean Recovery (%)	OPR Recovery (%)	Labeled compound Recovery in Samples (%)
$^{13}C_{12}$-PCB-54	100	50-145	70	20-135	15-145	5-145
$^{13}C_{12}$-PCB-77	100	50-145	50	45-135	40-145	10-145
$^{13}C_{12}$-PCB-81	100	50-145	50	45-135	40-145	10-145
$^{13}C_{12}$-PCB-104	100	50-145	50	45-135	40-145	10-145
$^{13}C_{12}$-PCB-105	100	50-145	50	45-135	40-145	10-145
$^{13}C_{12}$-PCB-114	100	50-145	50	45-135	40-145	10-145
$^{13}C_{12}$-PCB-118	100	50-145	50	45-135	40-145	10-145
$^{13}C_{12}$-PCB-123	100	50-145	50	45-135	40-145	10-145
$^{13}C_{12}$-PCB-126	100	50-145	50	45-135	40-145	10-145
$^{13}C_{12}$-PCB-155	100	50-145	50	45-135	40-145	10-145
$^{13}C_{12}$-PCB-156	100	50-145	50	45-135	40-145	10-145
$^{13}C_{12}$-PCB-157	100	50-145	50	45-135	40-145	10-145
$^{13}C_{12}$-PCB-167	100	50-145	50	45-135	40-145	10-145
$^{13}C_{12}$-PCB-169	100	50-145	50	45-135	40-145	10-145
$^{13}C_{12}$-PCB-188	100	50-145	50	45-135	40-145	10-145
$^{13}C_{12}$-PCB-189	100	50-145	50	45-135	40-145	10-145
$^{13}C_{12}$-PCB-202	100	50-145	50	45-135	40-145	10-145
$^{13}C_{12}$-PCB-205	100	50-145	50	45-135	40-145	10-145
$^{13}C_{12}$-PCB-206	100	50-145	50	45-135	40-145	10-145
$^{13}C_{12}$-PCB-208	100	50-145	50	45-135	40-145	10-145
$^{13}C_{12}$-PCB-209	100	50-145	50	45-135	40-145	10-145
Cleanup Surrogates						
$^{13}C_{12}$-PCB-28	100	65-135	70	20-135	15-145	5-145
$^{13}C_{12}$-PCB-111	100	75-125	50	45-135	40-145	10-145
$^{13}C_{12}$-PCB-178	100	75-125	50	45-135	40-145	10-145

Table IX

List of Co-elutions using a 30M SPB-Octyl column

Compound (Unlabeled)	**Co-elution**
MonoPCB	12/13
DiPCB	18/30, 26/29, 20/28, 21/33
TriPCB	50/53, 45/51, 49/69, 44/47/65, 59/62/75, 40/71, 61/70/74/76
TetraPCB	93/100, 98/102, 88/91, 90/101/113, 83/99, 86/87/97/109/119/125, 85/116/117, 110/115, 108/124
PentaPCB	135/151, 147/149, 134/143, 139/140, 153/168, 129/138/160/163, 128/166, 156/157
HexaPCB	171/173, 180/193
HeptaPCB	198/199
Compound (IDA)	**Co-elution**
PentaPCB	**156L/157L**

Title: PCB Preparation for Analysis by HRGC/HRMS [Method 1668A & EPA 1668C]

Approvals (Signature/Date):

Robert Hrabak Technical Director 7/26/18 Date	Joe Schairer Health & Safety Manager / Coordinator 7/30/18 Date
Lisa Stafford Quality Assurance Manager 7/25/2018 Date	Chris Williams Laboratory Director 8/1/18 Date

This document has been rebranded to reflect the ownership transfer of the Eurofins Sacramento laboratory from TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica to its affiliate, Eurofins Environment Testing Northern California, LLC. The content of the document remains current and applicable to laboratory operations. Some organizational references that have altered include: the laboratory is now known as Eurofins Sacramento. References to “Eurofins TestAmerica Sacramento” shall be understood to mean “Eurofins Sacramento”. General references to “Eurofins TestAmerica” shall be understood to mean “Eurofins Environment Testing America” , and any references to “Corporate” shall be understood to mean “Eurofins Environment Testing America National Divisional Support Center”, NDSC for short.

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1. SCOPE AND APPLICATION

1.1. This SOP is appropriate for the preparation of samples for analysis of mono- through deca-chlorinated biphenyls in a variety of matrices at low part-per-trillion to part-per-billion levels using high resolution gas chromatography and high resolution mass spectrometry, by Methods 1668A and 1668C.

1.2. The calibration range of the procedure for 1 L water is 20 to 20000 ppq, 2 to 2000 ppt for 10.0 g soil, sediment or tissue, and 40-40,000 pg/train (assuming 1/2 sample to 20 uL F.V.) for air train samples for mono-deca PCBs. Analysis of dilutions of aliquots of the sample will permit measurements of concentrations above the upper method calibration limit. The practical limits of detection and quantitation may be different from the lower method calibration limit, depending on the complexity of the matrix and the level of PCB contamination of the reagent and absorbent used in the extraction and cleanup procedure.

1.3. All PCB congener labeling in this document is consistent with IUPAC naming conventions.

1.4. When undertaking projects for the Department of Defense (DOD) and/or the Department of Energy (DOE), the relevant criteria in Policy WS-PQA-021, Federal Program Requirements must be checked and incorporated.

1.5. The detection limits and quantitation limits in this method are driven more by the level of interference and laboratory background than by absolute instrument sensitivity. Reporting limits are discussed in the analysis SOP WS-ID-0013.

2. SUMMARY OF METHOD

2.1. This procedure uses matrix specific extraction and analyte specific cleanup techniques.

2.2. An aliquot of a matrix (water, soil, sediment, XAD Resin, filter) is spiked with the solution containing 27 isotopically 13C-labeled PCBs listed in Table I. The sample is then extracted according to matrix specific extraction procedures.

2.3. After extraction, surrogate standards are spiked into the extract prior to performing cleanups. Available cleanup processes include silica gel, and gel permeation chromatography. Acid and/or base back extraction may also be used.

2.4. The preparation of the final extract for the instrumental analysis is accomplished by adding 5 isotopically ($^{13}C_{12}$) labeled internal standards (Table I, “Recovery Standard Solution”). Quantitation and analysis is performed as described in the analytical method SOP WS-ID-0013.

2.5. After internal standards are added and the extract is concentrated to 20uL, the extract is then analyzed according to SOP WS-ID-0013.

2.6. Quantitative analysis is performed differently for different congeners:

2.6.1. The Toxic and LOC PCBs are determined using isotope dilution against a 5 point calibration.

2.6.2. For all congeners excluding those in Section 2.6.1 quantitation is carried out by internal standard technique using a single calibration point.

3. DEFINITIONS

3.1. Definitions of terms used in this SOP may be found in the glossary of the Quality Assurance Manual (QAM).

3.2. Data qualifiers are defined on each data report. Commonly used data qualifiers are defined in the QAM.

4. INTERFERENCES

4.1. Solvents, reagents, glassware and other sample processing hardware may yield discrete artifacts or elevated baselines that may cause misinterpretation of the chromatographic data. All of these materials must be demonstrated to be free from interferences under the conditions of analysis by running laboratory method blanks. Analysts shall not use PVC gloves.

4.2. The use of high-purity reagents and solvents helps minimize interference problems. Purification of solvents by distillation in all-glass systems may be necessary.

4.3. Reuse of glassware is to be minimized to avoid the risk of contamination. If samples are known or suspected of containing high analyte levels glassware should be segregated and isolated until analytical results are available. Additional cleaning or disposal of glassware may be necessary dependent upon analyte levels. Glassware cleaning details are covered in SOP WS-OP-0011.

4.4. Interferences co-extracted from the sample will vary considerably from matrix to matrix. PCBs are often associated with other interfering chlorinated substances such as polychlorinated dioxins/furans (PCDD/PCDF), polychlorinated diphenyl ethers (PCDPEs), polychlorinated naphthalenes, methoxy biphenyl hydroxydiphenyl ethers, benzylphenyl ethers, brominated diphenyl ethers, polynuclear aromatics and pesticides that may be found at concentrations several orders of magnitude higher than the analytes of interest. Retention times of target analytes must be verified using reference standards. These values must correspond to the retention time windows established.

While certain clean-up techniques are provided as part of this method, unique samples may require additional cleanup steps to achieve lower detection limits.

4.5. A high-resolution capillary column (30 m SPB Octyl) is used to resolve as many PCB isomers as possible; however, no single column is known to resolve all isomers.

5. SAFETY

Employees must abide by the policies and procedures in the Corporate Environmental Health and Safety Manual (CW-E-M-001), the Sacramento Addendum to the Corporate EH&S Manual (WS-PEHS-0002), and this document. This procedure may involve hazardous material, operations and equipment. This SOP does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of the method to follow appropriate safety, waste disposal and health practices under the assumption that all samples and reagents are potentially hazardous. Safety glasses, gloves, lab coats and closed-toe, nonabsorbent shoes are a minimum.

5.1. Specific Safety Concerns or Requirements

5.1.1. Eye protection that satisfies ANSI Z87.1, laboratory coat, and chemically resistant gloves must be worn while samples, standards, solvents, and reagents are being handled. Latex and vinyl gloves provide no protection against most of the organic solvents used in this method. Nitrile or similar gloves must be used. Latex gloves may be used for methanol.

5.1.2. Exposure to chemicals must be maintained as low as reasonably achievable; therefore all samples must be opened, transferred and prepared in a fume hood. Solvent and waste containers will be kept closed unless transfers are being made.

5.1.3. Laboratory procedures such as repetitive use of pipettes, repetitive transferring of extracts and manipulation of filled separatory funnels and other glassware represent a significant potential for repetitive motion or other ergonomic injuries. Laboratory associates performing these procedures are in the best position to realize when they are at risk for these types of injuries. Whenever a situation is found in which an employee is performing the same repetitive motion, the employee shall immediately bring this to the attention of their supervisor, manager, or the EH&S staff. The task will be analyzed to determine a better means of accomplishing it.

5.1.4. Hearing protection must be worn when using mechanical systems to grind tissue samples.

5.1.5. When dissecting crawfish abdomens with a scalpel, cut from the hand holding the abdomen toward the tail (away from you).

5.1.6. Finely divided dry soils contaminated with PCBs are particularly hazardous because of the potential for inhalation and ingestion. Such samples are to be processed in a confined environment, such as a hood or a glove box.

5.1.7. Assembly and disassembly of glassware creates a risk of breakage and cuts. All staff members shall wear Kevlar or similar cut-resistant gloves over chemically resistant gloves when assembling and disassembling glassware.

5.1.8. The use of separatory funnels to extract aqueous samples with methylene chloride creates excessive pressure very rapidly. Initial venting should be done immediately after the sample container has been sealed and inverted. Vent the funnel into the hood away from people and other samples. This is considered a high-risk activity, and a face shield must be worn over safety glasses or goggles when it is performed.

5.1.9. The use of vacuum systems during rotovap concentration presents the risk of imploding glassware. All glassware used during vacuum operations must be thoroughly inspected prior to each use. Glass that is chipped, scratched, cracked, rubbed or marred in any manner must not be used under vacuum. It must be removed from service and replaced.

5.1.10. Mercury is a highly toxic compound that must be handled with care. The analyst must be aware of the handling and cleanup techniques before handling this material. Spilled mercury requires that special cleanup tools and procedures be used.

5.1.11. When dispensing methylene chloride or any other solvent from the Cycletainer, do not lock the dispenser into the open position and walk away to perform any other tasks. While you may lock the dispenser open for steady flow to reduce the ergonomic impact, you must stay there with the dispenser and container being filled to prevent it from overflowing.

5.2. Primary Materials Used

The following is a list of the materials used in this method, which have a serious or significant hazard rating. **NOTE: This list does not include all materials used in the method. The table below contains a summary of the primary hazards listed in the SDS for each of the materials listed in the table.** A complete list of materials used in the method can be found in the reagents and materials section. Employees must review the information in the SDS for each material before using it for the first time or when there are major changes to the SDS.

Table 1: Materials used in this SOP and their Hazards			
Material	**Hazards**	**Exposure Limit (2)**	**Signs and symptoms of exposure**
Sulfuric Acid (1)	Corrosive Oxidizer Dehydradator	1 mg/m3	This material will cause burns if comes into contact with the skin or eyes. Inhalation of vapors will cause irritation of the nasal and respiratory system.
Sodium Hydroxide	Corrosive Poison	2 ppm, 5 mg/m3	This material will cause burns if comes into contact with the skin or eyes. Inhalation of Sodium Hydroxide dust will cause irritation of the nasal and respiratory system.
Mercury	Poison	0.1 Mg/M3 Ceiling (Mercury Compounds)	Extremely toxic. Causes irritation to the respiratory tract. Causes irritation. Symptoms include redness and pain. May cause burns. May cause sensitization. Can be absorbed through the skin with symptoms to parallel ingestion. May affect the central nervous system. Causes irritation and burns to eyes. Symptoms include redness, pain, and blurred vision; may cause serious and permanent eye damage.
Methylene Chloride	Carcinogen Irritant	25 ppm-TWA 125 ppm-STEL	Causes irritation to respiratory tract. Has a strong narcotic effect with symptoms of mental confusion, light-headedness, fatigue, nausea, vomiting and headache. Causes irritation, redness and pain to the skin and eyes. Prolonged contact can cause burns. Liquid degreases the skin. May be absorbed through skin.
Hexane	Flammable Irritant	500 ppm-TWA	Inhalation of vapors irritates the respiratory tract. Overexposure may cause lightheadedness, nausea, headache, and blurred vision. Vapors may cause irritation to the skin and eyes.
Methanol	Flammable Poison Irritant	200 ppm-TWA	A slight irritant to the mucous membranes. Toxic effects exerted upon nervous system, particularly the optic nerve. Symptoms of overexposure may include headache, drowsiness and dizziness. Methyl alcohol is a defatting agent and may cause skin to become dry and cracked. Skin absorption can occur; symptoms may parallel inhalation exposure. Irritant to the eyes.
Iso-octane (2,2,4-trimethylpentane, 2,4,4-trimethylpentane)	Flammable	500 PPM TWA	Causes eye or respiratory tract irritation. Repeated/ prolonged exposure can cause defatting of skin. High concentrations can produce drowsiness
Toluene	Flammable Poison Irritant	200 ppm-TWA 300 ppm-Ceiling	Inhalation may cause irritation of the upper respiratory tract. Symptoms of overexposure may include fatigue, confusion, headache, dizziness and drowsiness. Peculiar skin sensations (e. g. pins and needles) or numbness may be produced. Causes severe eye and skin irritation with redness and pain. May be absorbed through the skin.
Dodecane	Flammable	None listed	May cause respiratory tract, skin or eye irritation.

Table 1: Materials used in this SOP and their Hazards			
Material	**Hazards**	**Exposure Limit (2)**	**Signs and symptoms of exposure**
Acetone	Flammable	1000 ppm-TWA	Inhalation of vapors irritates the respiratory tract. May cause coughing, dizziness, dullness, and headache.
Nonane	Flammable	200 ppm	Primary hazard is flammability. May also cause skin irritation, drowsiness and dizziness if inhaled.
1 – Always add acid to water to prevent violent reactions.			
2 – Exposure limit refers to the OSHA regulatory exposure limit.			

6. EQUIPMENT AND SUPPLIES

6.1. Equipment for sample preparation

6.1.1. Laboratory fume hood of sufficient size to contain the sample preparation equipment listed below.

6.1.2. Glove box (optional)

6.1.3. Meat grinder - Hobart, or equivalent, with 3-5 mm holes in inner plate.

6.1.4. Analytical Balance - Capable of weighing 0.1 mg

6.1.5. Top Loading Balance- Capable of weighing 10 mg.

6.2. Extraction Apparatus

6.2.1. Water Samples

6.2.1.1. Graduated cylinder, 1L capacity

6.2.1.2. 1L filtration flasks with side arm, for use in vacuum filtration of water samples

6.2.1.3. Separatory funnels - 250, 500 and 2000 mL, with Teflon stopcocks.

6.2.1.4. Glass fiber filters, Whatman GF-D, GF-F, GMF-150 or equivalent

6.2.2. Soxhlet/Dean-Stark (SDS) extractor

6.2.2.1. Soxhlet – 50 mm i.d., 200 mL capacity with 500 mL flask or 70 mm x 240 mm with 1000 mL round bottom flask.

6.2.2.2. Thimble - 30 x 100 or 43 x 123 mm Glass fiber

6.2.2.3. Moisture trap - Dean-Stark or Barret.

6.2.2.4. Heating mantle - hemispherical, to fit 500 mL or 1000 mL round bottom flask (Cal-Glass LG-8801-112, or equivalent).

6.2.2.5. Variable transformer - Powerstat (or equivalent), 110 volts, 10 amps.

6.2.3. Spatulas - Stainless Steel or disposable tongue compressors.

6.2.4. Soxtherm extraction apparatus (Gerhardt SE416 or equivalent), including glass thimble holders, glass beakers, and gaskets.

6.3. Filtration Apparatus

6.3.1. Sodium sulfate, granular anhydrous

6.3.2. Pyrex glass wool. (pre-rinsed with methylene chloride)

6.3.3. Glass stemless filter funnel - 125 - 250 mL.

6.3.4. Glass fiber filter paper (Whatman GF/D, or equivalent).

6.3.5. Buechner funnel, 15 cm.

6.3.6. Pressure filtration apparatus - Vacuum filtration

6.4. Centrifuge Apparatus

6.4.1. Centrifuge - Capable of rotating 500 mL centrifuge bottles or 15 mL centrifuge tubes at 5000 rpm minimum

6.4.2. Centrifuge tubes - 12-15 mL, with screw caps, to fit centrifuge

6.5. Concentration Apparatus

6.5.1. Rotary evaporator – (Büchi R210 or equivalent) equipped with a variable temperature water bath.

6.5.1.1. A vacuum source is required for use of the rotary evaporator. It must be equipped with a shutoff valve at the evaporator, and preferably, have a vacuum gauge.

6.5.1.2. A recirculation water pump and chiller are recommended, as the use of tap water for cooling the evaporator wastes large volumes of water, and can lead to inconsistent performance because water temperatures and pressures vary.

6.5.1.3. Round bottom flasks - 500 mL and 1000 mL or larger, with ground glass fitting compatible with the rotary evaporator.

6.5.2. Turbo evaporator with a temperature controlled water bath and nitrogen pressure control.

6.5.3. Nitrogen blow down apparatus - installed in a fume hood.

6.5.4. Sample vials - 2-5 mL with Teflon-lined screw cap and 200 uL auto-injector insert vials with septum lined screw caps.

7. REAGENTS AND STANDARDS

7.1. Reagents for extraction procedures.

All reagents must be ACS reagent grade or better unless otherwise specified.

7.1.1. pH adjustment and back extraction

7.1.1.1. 10N sodium hydroxide – Reagent grade

7.1.1.2. Sulfuric acid - Reagent grade (specific gravity 1.84)

7.2. Solution drying and evaporation

7.2.1. Solution drying - Sodium sulfate, reagent grade, granular anhydrous (Baker 3375, or equivalent), rinsed with methylene chloride (20 mL/g) and stored in a pre-cleaned glass bottle with a screw cap that prevents moisture from entering.

7.2.2. Prepurified nitrogen, reagent grade

7.3. Extraction Solvents: Acetone, toluene, hexane, dodecane, iso-octane, nonane, methanol and methylene chloride (DCM).

7.4. Absorbents for sample cleanup

7.4.1. Silica gel

7.4.1.1. Activated silica gel - Silica Gel 60-Fisher S825-212, 230-400 mesh, rinsed with methylene chloride, baked at 185ºC-195 ºC for at least 12 hours before use. Store at 125 ºC-145 ºC in a covered flask or bottle.

7.4.1.2. Acid silica gel (44 percent w/w) - Thoroughly mix 24 mL (44g) of concentrated sulfuric acid with 56.0 g of activated silica gel in a clean container. Break up aggregates with a stirring rod until a uniform mixture is obtained. Store in a screw-capped bottle with a Teflon-lined cap.

7.4.2. Alumina—the standard alumina cleanup procedure employs acidic alumina only. The same type of alumina must be used for all samples, including those used to demonstrate ongoing precision and accuracy (LCS).

7.4.2.1. Acid Alumina - ICN Super A. This alumina is purchased activated and can be used directly from the bottle. A column profile is performed for each new vendor; otherwise a laboratory control sample is used to re-verify new material from an existing vendor.

7.4.3. Mercury: triple distilled. (Mallinckrodt Baker, Inc. or equivalent)

7.5. Reference matrices

7.5.1. Reagent water - Water in which the PCBs and interfering compounds are not detected at above ½ the reporting limit by this method. The lab is currently using HPLC water.

7.5.2. High solids reference matrix – sodium sulfate.

7.5.3. Glass fiber filter paper or extraction thimble - Glass fiber filter papers or extraction thimbles in which the PCBs and interfering compounds are not detected by this method.

7.5.4. Other matrices - This method may be verified on any matrix if the following criteria are met. Ideally, the matrix should be free of the PCBs, but in no case shall the background level of the PCBs in the reference matrix exceed three times the minimum levels given in Table 2 (CC1). If low background levels of the PCBs are present in the reference matrix, the spike level of the analytes used in Table III should be increased to provide a spike-to-background ratio in the range of 1:1 to 5:1.

7.5.5. Tissue reference matrix – Vegetable oil (or equivalent) and sodium sulfate.

7.6. Standard solutions - Purchased as solutions or mixtures with certification to their purity, concentration and authenticity, or prepared from materials of known purity and composition. If compound purity is 98 percent or greater, the weight may be used without correction to compute the concentration of the standard. When not being used, standards are stored in the dark in screw-capped vials with Teflon-lined caps in a refrigerator at 3 ± 3 degrees C. A mark is placed on the vial at the level of the solution so that solvent evaporation loss can be detected. If solvent loss has occurred, the solution should be replaced.

7.6.1. Sealed ampoules may be used until the manufacturer's expiration date is exceeded.

7.6.1.1. If no expiration date is provided, then the expiration date will be 10 years from the date the ampoule is opened.

7.6.1.2. The solvent level should be monitored prior to each use to assure there has been no concentration of the standard over time.

7.6.2. All calibration, daily isotope dilution analytes, daily clean up isotope dilution analytes, daily internal standard and daily spiking solutions are stable for one year from preparation.

7.6.2.1. After one year, solutions may be re-verified. The re-verified solution may be used for an additional year, or until there is evidence of compound degradation or concentration.

7.6.2.2. The re-verification must be performed using an unexpired, not previously re-verified solution from a second lot or second vendor.

7.7. Stock solutions

7.7.1. Preparation - Prepare in isooctane or equivalent solvent per the steps below or purchase as dilute solutions (Cambridge Isotope Laboratories, Cambridge, MA, or equivalent).

7.7.2. Stock standard solutions are prepared from dilutions of neat solutions. Dilutions are performed in volumetric flasks and transferred to a clean vial or amber glass bottle with Teflon-lined cap.

7.8. Stock standard solutions should be checked for signs of degradation prior to the preparation of calibration of performance test standards. Reference standards that can be used to determine the accuracy of calibration standards are available from Cambridge Isotope Laboratories.

7.9. Secondary standard - Using stock solutions, prepare secondary standard solutions containing the compounds and concentrations shown in Table 1 in dodecane.

7.10. Labeled compound stock standard - From stock standard solutions prepared as above, or from purchased mixtures, prepare this standard to contain the labeled compounds at the concentrations shown in Table 1 in iso-octane.

7.11. Isotope Dilution Analytes (IDA) - Prepare at the concentration shown in Table 1 in iso-octane.

7.12. Surrogate Standard (SU) - Prepare at the concentration shown in Table 1 in iso-octane.

7.13. Internal Standard (IS) - Prepare at the concentration shown in Table 1 in dodecane.

7.14. Native spike solution (TA) - Used for determination of ongoing precision and accuracy, in the form of a laboratory control sample (LCS). This solution contains the analytes and labeled compounds at the concentrations listed in Tables 1 and 3 in isooctane.

7.15. Standard solutions will be periodically assayed against reference standards. Continued use of standard solutions past the initially indicated expiration date is acceptable if concentrations are verified versus the reference standard. Upon acceptable verification, a new expiration/evaluation date will be noted in the standards logbook.

8. SAMPLE COLLECTION, PRESERVATION AND STORAGE

8.1. The sample collection, shipping, handling, and chain-of-custody procedures are not described in the document. The complexity of the method is such that, in order to obtain reliable results, testers should be trained and experienced with sampling and preservation procedures.

8.2. There are no demonstrated technical holding times associated with the PCBs in aqueous, solid, semi-solid, tissues, or other matrices. If stored in the dark at 0-6°C, without freezing, and preserved if required, aqueous samples may be stored for up the one year. Similarly, if stored in the dark at <-10 °C, solids, semi-solid, multi-phase, and tissue samples may be stored for up to one year.

8.3. All extracts must be stored capped and in the dark at <-10.

9. QUALITY CONTROL

9.1. One method blank must be extracted with every process batch of similar matrix, not to exceed twenty (20) samples. The method blank is an aliquot of reference matrix processed in the same manner and at the same time as the associated samples. Corrective actions must be documented on a Non-Conformance memo, then implemented when target analytes are detected in the method blank above the acceptance limit or when surrogate recoveries are outside control limits. The associated samples will be evaluated for adverse impact, and flagged or qualified as appropriate. Re-extraction of the blank, other batch QC, and the affected samples are required when the method blank is deemed unacceptable. For any analyte detected in the blank in any of the homologous series of PCBs, the detection limit in the samples analyzed with that blank for the specific isomer or the total for that homologous series is increased to 5 times of the contamination level. Alternatively, both QC and sample results may be reported and qualified as necessary.

9.1.1. Certain programs, such as those under the DOD/DOE QSM, may require a more stringent evaluation of the method blank, for instance, that the blank not contain any analytes of interest at a concentration greater than ½ the reporting limit.

9.2. A laboratory control sample (LCS) must be extracted with every process batch of similar matrix, not to exceed twenty (20) samples. The LCS is an aliquot of laboratory matrix (e.g. reagent water, Ottawa sand, sodium sulfate, extraction thimble, filter paper, etc.) spiked with 100 uL of Isotope Dilution Analyte fortification solution (Table 1) and 100 uL of Target Analyte Standard fortification solution (Table 3). The LCS must be processed in the same manner and at the same time as the associated samples. Corrective actions must be documented on a Non-Conformance memo, then implemented when recoveries of any spiked analyte is outside 50-150%, or the control

limits provided on the LIMS, or by the client. The associated samples will be evaluated for adverse impact, and flagged or qualified as appropriate. Re-extraction of the blank, other batch QC, and the affected samples are required when the LCS is deemed unacceptable

9.3. A matrix spike/matrix spike duplicate (MS/MSD or MS/SD) pair may be extracted with every process batch of similar matrix, not to exceed twenty (20) samples. MS/MSD are analyzed at the request of the client. An MS/MSD pair is aliquots of a selected field sample spiked with analytes of known identity and concentration. The MS/MSD pair must be processed in the same manner and at the same time as the associated samples. Spiked analytes must be within control limits 50-150%, or the control limits provided on the LIMS, or by the client. The result obtained from MS and MSD samples analysis should agree within 50 percent relative difference. Corrective actions must be documented on a Non-Conformance memo. Outliers with recoveries or precision outside control limits will be flagged and narrated as appropriate.

10. CALIBRATION

10.1. On a daily basis, calibrate any auto-pipettes to be used in accordance with SOP WS-QA-0004.

10.2. On a daily basis, calibrate any balances to be used in accordance with SOP WS-QA-0041.

11. PROCEDURE

One time procedural variations are allowed only if deemed necessary in the professional judgment of a supervisor to accommodate variation in sample matrix, radioactivity, chemistry, sample size, or other parameters. Any variation in procedure shall be completely documented using a Non-Conformance Memo and is approved by a Technical Specialist and QA Manager. If contractually required, the client shall be notified. The Non-Conformance Memo shall be filed in the project file. Any unauthorized deviations from this procedure must also be documented as a nonconformance, with a cause and corrective action described.

11.1. Grinding or Blending of Tissue Samples.

If not otherwise specified by the client, the whole fish (frozen) should be blended or ground to provide a homogeneous sample. The use of a stainless steel meat grinder with a 3- to 5-mm hole size inner plate is recommended. In some circumstances, analysis of fillet or specific organs of fish may be requested by the client. If so requested by the client, the above whole fish requirement is superseded. Please refer to SOP WS-WI-0018 for further grinding procedure.

WARNING: Hearing protection must be worn when grinding samples.

11.2. Phase Separation

Phase separation on very wet (>25 percent water) soil and sediment samples may be accomplished as follows: Place a 50 g portion in a suitable centrifuge bottle and centrifuge for 30 minutes at 2,000 rpm. Remove the bottle from the centrifuge and mark the interface level on the bottle. Estimate the relative volume of each phase. With a disposable pipette, transfer the liquid layer into a clean bottle. Mix the solid with a stainless steel spatula or tongue compressor and remove a portion to be weighed and analyzed (percent moisture determination, extraction). Return the remaining solid portion to the original sample bottle (if empty) or to a clean sample bottle that is properly labeled, and store it as appropriate. Analyze the solid phase by using only the soil and sediment method. Take note of the estimated volume of liquid before disposing of the liquid as a liquid waste.

WARNING: Finely divided soils and sediments contaminated with PCBs are hazardous because of the potential for inhalation or ingestion of particles containing PCBs. Such samples should be handled in a confined environment (i.e., a closed hood or a glove box).

11.3. Soxhlet Extraction (Solids, Tissues, Sludges, and Wipes).

11.3.1. Percent moisture is determined in accordance with SOP WS-OP-0013.

11.3.2. Isotope Dilution Analyte Standard. A 100 uL aliquot, or 2 ng equivalent, of the internal standard mixture is added to all samples, regardless of sample size.

WARNING: Open the chiller supply valves about 15 minutes before turning on the heating element and ensure that all of the condensers are cold before you turn the heating element on. Check all of the condensers about 15 minutes after starting the heating process to ensure that they are still cold and functioning properly. If this cleaning cycle is to be left unattended (e.g., overnight) the first chemist to arrive the next morning is to check all condensers to ensure that they are still cold and functioning properly.

11.3.3. Sludges. Paper pulp sludges are generally air-dried and ground. Because of the drying procedure, a Dean-Stark water separator may or may not be used for extraction. Extraction is generally done by Soxhlet with 200-300 mL of toluene.

11.3.3.1. Non-Paper pulp sludges are extracted with 200-300 mL of toluene.

11.3.3.2. Soxhlet sample for a minimum of 16 hours. Cool the sample, then filter the toluene extract, if needed, through a glass-fiber filter or equivalent into a round-bottom flask. Rinse the filter with 10 mL toluene, and combine the extract and rinsate. Concentrate the toluene extract solutions to near dryness on a rotary evaporator at 80°C and 25 pounds vacuum at 120-150 RPM Use of an inert gas to

concentrate the extract is also permitted. Proceed with Section 11.9 as necessary.

11.3.3.3. Still-Bottom/Fuel Oil. All organic liquids, fuel oils, and solids that will dissolve in a solvent and are treated as a solvent dilution will be prepared by dissolving a nominal 1g of sample in 40mLs of Toluene (or an appropriate solvent). Take a 4 mL aliquot and spike with appropriate IDA solution and proceed with Section 9 as necessary.

11.3.4. Fly Ash. Weigh a 2-10 g sample aliquot into a glass fiber extraction thimble. Add 100 uL of the IDA mixture. The samples are Soxhlet extracted with toluene for a minimum of 16 hours. 100uL of dodecane can be used as a keeper in the samples, if the lower column cleanup is planned. Concentrate the toluene extract solutions to near dryness on a rotary evaporator at 80°C and 25 pounds vacuum at 120-150 RPM. Proceed with Section 11.9 as necessary.

***Note**: As an option, sodium sulfate may be mixed with the samples to remove moisture before sample extraction.*

11.3.5. Solids/Tissues -- Weigh a 2-10 g sample aliquot into a glass fiber extraction thimble. Add 100 uL of IDA solution. Extract the samples in a Soxhlet with a Dean-Stark apparatus with toluene for a minimum of 16 hours. The solvent must cycle completely through the system at least five times per hour. Concentrate by rotary evaporator at 80ºC and 25 psi vacuum at 120-150 RPM.

11.3.5.1. If tissues requiring % Lipids are to be extracted, for each sample weigh a 20 g aliquot for tissues into a glass fiber extraction thimble, as percent lipids will be determined as well from this extraction. Add 200 uL of IDA solution and extract for at least 16 hours. Concentrate by rotary evaporator at 80ºC and 25 psi vacuum at 120-150 RPM until ~10mLs of solvent remains. Proceed to 11.5 for % Lipids determination.

***Note**: The matrix for the tissue method blank consists of 9 g of sodium sulfate and 0.25 g of canola oil.*

11.4. Soxtherm Extraction (Solids, Tissues, Sludges, and Wipes)

11.4.1. Prior to loading samples, run the system through 2 cleaning cycles (approximately one hour each).

11.4.2. After pre-extraction, cool the system, disassemble the apparatus, and rinse with acetone.

11.4.2.1. Weigh a well-mixed aliquot of each sample (10 g, unless otherwise specified) into a clean Soxhlet thimble. Record the mass to the

nearest 0.01g. Use sodium sulfate for the batch QC (MB, LCS) for solids, and a mixture of 9 g sodium sulfate and 0.25 g vegetable oil for the batch QC for tissue matrices.

11.4.2.2. If tissues requiring % Lipids are to be extracted, for each sample weigh a 20 g aliquot for tissues into a glass fiber extraction thimble, as percent lipids will be determined as well from this extraction.

11.4.2.3. In the case of wipes, place the entire wipe sample into the Soxhlet apparatus (no thimble needed), including any liquid present with the sample. Use pre-cleaned wipes for the batch QC samples.

11.4.3. Place the thimble into the Soxtherm apparatus.

11.4.4. Spike all samples with 100 uL of IDA solution (2 ng), for a final concentration of 200 pg/g (based on a 10 g sample). If % lipid is needed or samples are wipes, add 200 uL of IDA solution.

11.4.5. Reassemble the pre-extracted apparatus and add a fresh charge (150 mL) of toluene to the apparatus and boiling chips.

11.4.6. Program the system to boil for 1 hour, and reduce the toluene volume by 70-90 mL (volume < volume of the thimble).

11.4.7. Continue the extraction for one hour fifteen minutes, reducing the toluene volume by another 15 mL.

11.4.8. After refluxing, allow the apparatus to cool.

11.4.9. Pour the samples into round bottom flasks.

11.4.9.1. If % lipid is required, bring samples up to 10mLs with Hexane and split in half. % lipid portion will proceed to Section 5 and the other half will proceed to Section 11.9 (Cleanups) as necessary.

11.4.9.2. If % lipid is not required, and an alumina column cleanup (Section 11.9.4) is planned, add 100uL of dodecane to the sample as a solvent keeper.

11.4.9.3. If extracts were wipe samples, bring samples up to 10mLs in Hexane and split samples in half. Half will be archived and the other half will proceed to Section 11.9 (Cleanups) as necessary.

11.4.10. Proceed with Section 11.9 (Cleanups) as necessary.

11.5. Fish Tissue Lipid Content Determination

The percent lipid of fish samples is determined as follows:

11.5.1. Concentrate the extract from Sections 11.3.5 or11.4 on a rotary evaporator

until volume is low enough to transfer to a culture tube (approx. 5-10mLs) that has been pre-weighed with label. Transfer the sample into the culture tube and continue blowing down the sample until constant weight is attained. The percent lipid is calculated using the following expression:

Equation 1

$$\text{Percent Lipid} = \frac{FinalTubeMass - InitialTubeMass\ (g)}{1/2\,EntireSampleMassExtracted\ (g)} \times 100$$

11.6. Aqueous Samples.

11.6.1. Determine the sample volume by placing the sample bottle on a top-loading balance and record/transfer the weight into TALS. If there is no headspace in the bottle, carefully decant 5-10 mL of the sample before taking the weight.

11.6.1.1. For leachate samples (including an aliquot of the leachate blank), measure 200 mL of leachate into a clean 1 L sample bottle. Add approximately 800 mL of reagent water to the leachate. The sample volume in TALS for leachates is 200 mL.

11.6.2. Add 100 uL of IDA solution to the sample in the bottle. Each aliquot of spike mixture is added similarly. Shake the bottle for 30 seconds and allow to sit for at least one hour prior to extraction.

11.6.3. Create a method blank and LCS by adding 1 L of laboratory reagent water into two 1 L amber glass bottles. Add 100 uL of IDA solution to each sample and 100 uL of native spike solution to the LCS.

11.6.4. When ready for extraction, pour the entire sample (approximately 1 L) into a 2 L separatory funnel.

11.6.5. Reweigh the empty bottle and record/transfer the sample weight into TALS. Record the sample weight to the nearest 1 gram.

11.6.6. Add 100 mL methylene chloride (DCM) to the sample bottle, seal, and shake for 30 seconds to rinse the inner surface. Transfer the solvent to the separatory funnel.

11.6.7. Extract the sample by shaking the funnel for two minutes with periodic venting. Allow the organic layer to separate from the water phase for a minimum of 10 minutes.

WARNING: Methylene chloride creates excessive pressure very rapidly! Therefore, initial venting should be done immediately after the sample container has been sealed and inverted. Vent into hood away from analysts and other samples.

WARNING: Separatory funnel extraction is a high risk activity. Analyst will wear a face shield over safety glasses/goggles for this extraction. Alternatively, the extraction can take place behind a closed hood sash.

11.6.8. If the emulsion interface between layers is more than one-third the volume of the solvent layer, the analyst must employ mechanical techniques to complete the phase separation.

***Note**: Mechanical techniques could include any or all of the following: running sample through glass-wool, centrifuge, add 10mLs of 10N NaOH, or let sit longer for separation. See section 11.6 for more details.*

11.6.9. Drain the DCM phase back into the sample bottle.

11.6.10. Extraction is repeated two additional times with 100 mL each of methylene chloride. Drain the DCM after each extraction back into the sample bottle.

11.6.11. After the third extraction, dry the extract with sodium sulfate: Place glass wool in a pre-cleaned filter funnel. Then add in Na2SO4. Rinse glass wool and Na2SO4 with DCM. Pour extract through Na2SO4 to remove any water. Collect the extract into a 500 mL round bottom flask.

11.6.12. Rinse the Na2SO4 in the filter funnel with fresh DCM and collect into round bottom flask.

11.6.12.1. Concentrate on a rotary evaporator at 75ºC and no vacuum at 120-150 RPM. Proceed to Section 11.9 for cleanup options as needed.

***Note**: If no lower column cleanup is required do not add dodecane as a solvent keeper.*

11.6.13. Reweigh the empty bottle and record the sample weight. Record the sample weight to the nearest 1 gram.

11.7. Air train sample – based on Method CARB 428 (Option 1).

There are two options for the preparation of air train sample. The first option is all fractions combined for a single analysis, and the second is to prepare and analyze separate front and back-half extracts. Below is Option 1, the Single composite of all air train fractions.

11.7.1. Preparation of Extraction Thimble

Place a glass extraction thimble into the Soxhlet apparatus, charge the apparatus with toluene, and reflux for a minimum of 3 hours. Remove the toluene and discard it. Remove the extraction thimble system and place it in a glass beaker for air drying and for catching rinses. Alternatively, the thimbles may be used directly from the box if the thimbles have been shown to be free

of PCBs or interfering compounds at or above the project required reporting limits.

11.7.2. Preparation of Container No. 1 (filter)

Place the filter and all particulate matter from Container No. 1 into the cleaned extraction thimble.

11.7.3. Preparation of Adsorbent Cartridge

Suspend the adsorbent module directly over the extraction thimble containing the associated filter. The glass frit of the module should be positioned up. Add a small amount of acetone to the module and discharge the XAD-2 resin into the thimble by using a nitrogen blowing apparatus. Rinse the walls of the module with acetone to remove any excess resin, collect the rinse in the thimble. Rinse the module with toluene and collect the rinses in the thimble containing the XAD-2 resin and filter.

11.7.4. Preparation of Container No. 2 (Front and Back-half Acetone and Methylene Chloride rinses)

Transfer the solvent to a round bottom flask. Rinse the sample container 3 times with methylene chloride and add these to the round bottom flask. Concentrate the solvent to a volume of about 1-5 mL using a rotary evaporator, at a temperature of 60ºC and <10 inches of vacuum at 120-150 RPM.

11.7.5. Preparation of Container No. 3 (Front and Back-half Toluene rinses)

This step can be done one of two ways as dictated by the client:

11.7.5.1. Option 1- Add the toluene rinse to the round bottom flask previously used to concentrate Container No. 2. Rinse the samples container three times with toluene and add the rinses to the round bottom flask. Concentrate the solvent to about 1-5 mL using a rotary evaporator at a temperature of 70ºC and 25 inches of vacuum. Add the rinses to the Soxhlet containing the corresponding filter and XAD resin portions.

11.7.5.2. Option 2- Add the toluene rinse to a pre-cleaned round bottom flask. Rinse the sample container three times with toluene and collect rinses in the round bottom flask. Concentrate the solvent to about 1-5 mL using a rotary evaporator at a temperature of 70°C and 25 inches of vacuum. Do not add the concentrated solvent to the Soxhlet containing the corresponding filter and XAD, instead add 100 uL of Isotope Dilution Anayltes (IDA) and analyze as a separate sample.

11.7.6. Extraction and Concentration.

11.7.6.1. Surrogate compounds should have been added to the adsorbent cartridge prior to sample collection.

11.7.6.2. Place the extraction thimble containing the filter, XAD resin, and solvent rinses into the Soxhlet extractor. Rinse the beaker three times with toluene and add the rinses to the Soxhlet. Add toluene to the round bottom flask until it is about 2/3 full. Add several Teflon boiling chips to the round bottom flask and assemble the Soxhlet apparatus.

11.7.6.3. Add 100 uL of IDA standard to the thimble, connect the condenser, and adjust the heat source to cause the extractor to cycle approximately three times per hour for a minimum of 16 hours.

***Note**: Additional 100 uL volume of IDA standard may be added per split (i.e. ½ archive = 200 uL total; 1/3 archive, 1/3 Method 0023A, 1/3 1668A = 300 uL; etc.)*

11.7.6.4. Allow the Soxhlet to cool and 100 uL of dodecane may be added as a solvent keeper if extracts will go through acid alumina cleanup.

11.7.6.5. Concentrate the extract to near dryness using a rotary evaporator at 70ºC and 25 inches of vacuum. Proceed with clean up or splitting of the samples based on client requirements.

WARNING: Use of vacuum systems creates a significant risk of implosion. Thoroughly inspect all glassware and do not use any that has been chipped, rubbed, cracked, or marred in any fashion.

WARNING: Ensure that the exhaust line from the vacuum pump is secured well inside of a fume hood so that it cannot fall out of the hood.

Option 2- Separate Front and Back-half fractions. The Front-half consists of the filter and front-half solvent rinses, the Back-half consists of the XAD resin and Back-half rinses.

11.7.7. Preparation of Container No. 1 (filter)

Place the filter and all particulate matter from Container No. 1 into the cleaned extraction thimble.

11.7.8. Preparation of the Front-half acetone and methylene chloride rinse

Transfer the solvent to a round bottom flask. Rinse the sample container 3 times with methylene chloride and add these to the round bottom flask. Concentrate the solvent to a volume of about 1-5 mL, using a rotary, at a temperature of 60ºC and no vacuum at 120-150 RPM. Quantitatively transfer the solvent to the Soxhlet apparatus containing the corresponding filter fraction.

11.7.9. Preparation of the Front-half toluene rinse

Add the toluene rinse to the round bottom flask previously used to concentrate the acetone/methylene chloride rinses. Rinse the samples container three times with toluene and add the rinses to the round bottom flask. Concentrate the solvent to about 1-5 mL using a rotary evaporator at a temperature of 70ºC and 25 inches of vacuum at 120-150 RPM. Add the rinses to the Soxhlet containing the corresponding filter and acetone/methylene chloride fractions.

11.7.10. Preparation of Adsorbent Cartridge

Suspend the adsorbent module directly over a pre-cleaned extraction thimble. The glass frit of the module should be positioned up. Add a small amount of acetone to the module and discharge the XAD-2 resin into the thimble by using a nitrogen blowing apparatus. Rinse the walls of the module with acetone to remove any excess resin, collect the rinse in the thimble. Rinse the module with toluene and collect the rinses in the thimble containing the XAD-2 resin.

11.7.11. Preparation of the Back-half acetone and methylene chloride rinse.

Transfer the solvent to a round bottom flask. Rinse the sample container 3 times with methylene chloride and add these to the round bottom flask. Concentrate the solvent to a volume of about 1-5 mL, using a rotary, at a temperature of 60ºC and no vacuum at 120-150 RPM. Quantitatively transfer the solvent to the Soxhlet apparatus containing the corresponding XAD resin fraction.

11.7.12. Preparation of the Back-half toluene rinse

Add the toluene rinse to the round bottom flask previously used to concentrate the acetone/methylene chloride rinses. Rinse the samples container three times with toluene and add the rinses to the round bottom flask. Concentrate the solvent to about 1-5 mL using a rotary evaporator at a temperature of 70ºC and 25 inches of vacuum at 120-150 RPM. Add the rinses to the Soxhlet containing the corresponding XAD resin and acetone/methylene chloride fractions.

11.8. There are several useful methods to decrease or eliminate emulsion in aqueous samples when extracting with DCM. These methods may include stirring with a pipette to manually breakup the emulsions or to transfer the sample into centrifuge tubes and centrifuge at approximately 3000 RPM. The most useful method is to use a 1:1 $NaOH/H_2O$ solution to change the pH enough to disrupt the emulsion phase, which works 90% of the time.

11.8.1. Using the 10N NaOH solution to decrease emulsions:

11.8.1.1. Add 10 mL of 10N NaOH to the extract in the sample container. Secure the lid to the bottle and shake the container for 5-10

seconds. If emulsion is dissolved proceed to section 11.6.1.2. If the emulsion persists add additional 10 mL aliquots of 10N NaOH until the emulsions are dissolved. Pour the solution with DCM back into the same 2.0 L separatory funnel and drain the DCM phase through Na_2SO_4 into a 500mL round bottom. Empty the aqueous waste into the LLE waste drum.

11.8.1.2. Concentrate the extract on a rotary evaporator at 65ºC and no vacuum at 120-150 RPM. Proceed to Section 11.9 for cleanup options as needed.

11.9. Cleanup: Depending on the complexity of the matrix, the following clean-up procedures may be employed as necessary or per client requirements.

11.9.1. Add 100 uL of Surrogate Standard to each extract.

11.9.2. Option C (Acid only) (Required for all solid and tissue matrices):

11.9.2.1. Partition the extract in 50-125 mL of hexane against 20 mL concentrated H_2SO_4 in a separatory funnel. Shake for two minutes. Remove and discard the sulfuric acid layer (bottom). Repeat the acid washing until no color is visible in the acid layer (perform a maximum of four acid washings).

11.9.2.2. Neutralize the extract with 40 mL of DI water. Shake for two minutes. Remove and discard the aqueous layer (bottom).

11.9.2.3. Dry the extract with sodium sulfate: Place glass wool in a pre-cleaned filter funnel. Then add in Na_2SO_4. Rinse glass wool and Na_2SO_4 with Hexane. Pour extract through Na_2SO_4 to remove any water. Collect the extract into a round bottom flask.

11.9.2.4. Reduce the volume to about 2 mL on a rotovap and proceed with any needed cleanups

***Note**: Additional rinses may be performed against sodium hydroxide or reagent water if deemed necessary by the laboratory management.*

WARNING: Shaking with a concentrated caustic is a high-risk activity. Analyst must wear a face shield over safety glasses/goggles, or the shaking must take behind a closed hood sash.

11.9.3. Silica Gel Column Cleanup. **(Required for all samples)**

11.9.3.1. Add a plug of glass wool to a 20 mm ID disposable column and add 2 grams of activated silica gel, 4 grams of acidic silica gel, 2 grams of activated silica gel, and 1 cm of sodium sulfate.

11.9.3.2. Pre-rinse the column with at least 20 mL of methylene chloride followed by at least 20 mL of hexane.

11.9.3.3. Add the sample extract to the column, and rinse the sample container with 2 x 2 mL hexane rinses. Add the rinses to the column.

11.9.3.4. Elute the column with hexane and collect a total of 90 mL of hexane.

11.9.3.5. Reduce the volume to about 2 mL under nitrogen and proceed with alumina column cleanup if deemed necessary.

11.9.4. Alumina Column Cleanup. **(Optional)**:

11.9.4.1. Put a small plug of glass wool in a 16 mm ID column and add 6 grams of acid alumina followed by 1 cm of sodium sulfate.

11.9.4.2. Pre-rinse the column at least 20 mL of hexane.

11.9.4.3. Transfer the sample (in 2 mL hexane) to the acid alumina column. Rinse sample flask with 2 x 2 mL hexane, transfer to acid alumina column.

11.9.4.4. Elute the column with 10 mL of hexane and discard.

11.9.4.5. Elute the column with 30 mL of 65% methylene chloride/hexane and collect the extract into a culture tube.

11.9.4.6. Reduce the volume to about 2 mL under nitrogen and proceed with any needed cleanups or proceed to Section 11.10.

11.9.5. Sulfur Removal with Elemental Mercury. **(Optional Cleanup)** The entire sample is used for this process. If the sulfur concentration is such that crystallization occurs in the concentrated extract, residual rings of sulfur appear, centrifuge the extract to settle the crystals, and carefully draw off the sample extract with a disposable pipette, leaving the excess sulfur in the centrifuge tube. Transfer the extract to a clean concentrator tube before proceeding with further sulfur cleanup.

***Note**: Use mercury sparingly in order to minimize exposure and disposal costs.*

11.9.5.1. Transfer of sample extract into a clean concentrator tube or Teflon sealed vial.

11.9.5.2. Add one to three drops (about 0.25mL) of mercury to the extract vial and seal.

WARNING: Only nitrile gloves may be used when working with mercury and organic solvents at the same time.

11.9.5.3. Shake well for 15-30 seconds.

11.9.5.4. If black precipitate forms, sulfur was present. Centrifuge, then transfer the supernatant to a clean test tube and repeat steps 11.9.5.2 and 11.9.5.3. Do this until relatively little precipitate remains, or a maximum of five sulfur cleanups has been performed.

WARNING: Do NOT centrifuge glass tubes containing mercury. Due to the density of the mercury, the test tube could break in the centrifuge.

11.9.5.1. If no precipitate is present, remove the extract from the mercury using a disposable pipette and transfer to a clean vial. Rotate the mercury waste out of the laboratory to the Hazardous Waste storage area for lab pack disposal.

11.9.5.2. Proceed to Section 11.10 with the extract.

11.10. Final Volume

11.10.1. Reduce the sample volume under nitrogen to approximately 1 mL.

11.10.2. Add 20 uL of internal standard in dodecane to a 4 mL vial.

11.10.3. Transfer the sample contents to the vial containing the internal standard and rinse 2X with 1ml hexane.

11.10.4. Reduce under nitrogen to 20 uL.

11.10.5. Transfer to an injection vial and cap.

11.10.6. If analysis is not to be performed the same day store the vials in the dark at less than -10°C.

11.10.7. The extract is ready for analysis by WS-ID-0013.

12. CALCULATIONS/DATA REDUCTION

Not applicable

13. METHOD PERFORMANCE

13.1. Method Detection Limit

Each laboratory must generate a valid method detection limit for each analyte of interest. The MDL must be below the reporting limit for each analyte. The procedure for determination of the method detection limit is given in 40 CFR Part 136, Appendix B, and further defined in WS-QA-0006. MDL are available in the Quality Assurance department.

13.2. Initial Demonstration

Each analyst must make a one time initial demonstration of capability for each individual method. Demonstration of capability for both soils and water matrices is required. This requires analysis of QC check samples containing all of the standard analytes for the method. For some tests it may be necessary to use more than one QC check mix to cover all analytes of interest.

13.2.1. Four aliquots of the QC check sample are analyzed using the same procedures used to analyze samples, including sample preparation. The concentration of the QC check sample should be equivalent to a mid level calibration standard.

13.2.2. Calculate the average recovery and standard deviation of the recovery for each analyte of interest. Compare these results with the historical acceptance criteria.

13.2.3. If any analyte does not meet the acceptance criteria, the test must be repeated. Only those analytes that did not meet criteria in the first test need to be evaluated. Repeated failure for any analyte indicates the need for the laboratory to evaluate the analytical procedure and take corrective action.

13.3. Training Qualification

The group/team leader has the responsibility to ensure that this procedure is performed by an analyst who has been properly trained in its use and has the required experience.

14. POLLUTION CONTROL

It is TestAmerica's policy to evaluate each method and look for opportunities to minimize waste generated (i.e., examine recycling options, ordering chemicals based on quantity needed, preparation of reagents based on anticipated usage and reagent stability). Employees must abide by the policies in Section 13 of the Corporate Environmental Health and Safety Manual (CW-E-M-001) for "Waste Management and Pollution Prevention."

14.1. All waste will be disposed of in accordance with Federal, State and Local regulations. Where reasonably feasible, technological changes have been implemented to minimize the potential for pollution of the environment.

14.2. Do not allow waste solvent to evaporate in fume hoods. All solvent waste is stored in capped containers unless transfers are being made.

14.3. The use of rotary evaporator systems to concentrate sample extracts significantly reduces the solvent released into the atmosphere.

15. WASTE MANAGEMENT

Waste management practices are conducted consistent with all applicable rules and regulations. Excess reagents, samples, and method process wastes are disposed of in an accepted manner. Waste description rules and land disposal restrictions are followed. Waste disposal procedures are incorporated by reference to SOP WS-EHS-0001. The following waste streams are produced when this method is carried out.

15.1. Assorted solvent and methylene chloride from glassware rinsing, glass fiber and sodium sulfate pre-rinsing, and extract rotary evaporator concentration. Collect the waste solvents in tripours during use. Empty the tripours into a 1-liter to 4-liter carboy

at the fume hood. When the carboy is full, or at the end of your shift, whichever comes first, empty the carboy into the steel solvent drum in the H3 closet. When the drum is full to between two and six inches of the top, or after no more than 75 days, move the steel drum to the waste collection area for shipment.

15.2. Miscellaneous disposable glassware, chemical resistant gloves, bench paper and similar materials that may or may not be contaminated/hazardous. Place contaminated materials into a yellow landfill contaminated lab trash bucket. When the bucket is full or after no more than one year, tie the plastic bag liner shut and put the dry lab trash into the appropriate steel dry lab trash collection drum in the H3 closet. When the drum is full or after no more than 75 days, move it to the waste collection area for shipment.

15.3. Disposable spatulas and other items, including bench paper, that have come into contact with unextracted soil, extracted PUF filters, sodium sulfate, silica gel, alumina, carbon XAD-2 resin, paper funnel filters, glass wool, thimbles, fish/crawfish, ash and soil contaminated with various solvent and eluents; dump the materials into an orange contaminated lab trash bucket. When the bucket is full or after no more than one year, tie the plastic bag liner shut and put the lab trash into the appropriate steel collection drum (incineration) in the H3 closet. When the drum is full or after no more than 75 days, move it to the waste collection area for shipment.

15.4. Extracted aqueous samples contaminated with methylene chloride and/or other organic solvents are collected at the fume hood in a 5-gallon or smaller carboy. If the samples are not at a neutral pH, add small quantities of sodium bicarbonate to bring the waste to neutral. Stir well. Once neutralized, immediately pour the carboy contents into a blue plastic LLE drum in the H3 closet. When full to between two and six inches of the top, or after no more than 75 days, move the LLE drum to the waste collection area for shipment.

15.5. Contaminated sulfuric acid used during Option C extract clean-up. Collect the used sulfuric acid in empty, 2.5-liter, plastic coated jars. When full or after no more than one year, whichever comes first, transfer these jars to the waste collection area for shipment.

15.6. Contaminated mercury used during sulfur clean-up. Collect the used mercury in empty 8 ounce plastic jars. When full or after no more than one year, transfer the jar to the waste collection area for shipment.

16. REFERENCES/CROSS REFERENCES

16.1. State of California Air Resources Board Method 428: Determination of Polychlorinated Dibenzo-p-dioxin (PCDD), Polychlorinated Dibenzofuran (PCDF), and Polychlorinated Biphenyl Emissions from Stationary Sources, September 12, 1990.

16.2. EPA Method 1668: Toxic polychlorinated Biphenyls by Isotope Dilution High Resolution Gas Chromatography/High resolution Mass Spectrometry, March 1997.

16.3. Method 1668, Revision A (Method 1668A): Chlorinated Biphenyl Congeners in Water, Soil, Sediment and Tissue by HRGC/HRMS, August 2003.

16.4. Method 1668C: Chlorinated Biphenyl Congeners in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS, April 2010.

16.5. WS-EHS-0001, Waste Disposal

16.6. WS-OP-0011, Cleaning of Glassware

16.7. WS-OP-0013, Percent Moisture

16.8. WS-QA-0004, Calibration of Autopipettors, Autodispensers and Volumetric Containers

16.9. WS-QA-0006, MDL and IDL

16.10. WS-QA-0041, Calibration and Calibration Check of Balances

16.11. WS-WI-0018, Tissue Sample Handling and Extraction

16.12. CW-E-M-001, Corporate Environmental Health and Safety Manual

16.13. WS-PEHS-0002, Sacramento Addendum to Corporate Environmental Health and Safety Manual.

17. METHOD MODIFICATIONS

17.1. Deviations from reference Method 1668A and Method 1668C.

17.1.1. Aqueous samples with < 1% solids are extracted as received, by separatory funnel. Samples with high solids content, > 1% solids, are either shaken well to thoroughly mix the sample followed by extraction by separatory funnel, or separated into two different samples for extraction and analysis, dependent upon client request.

17.1.2. Aqueous samples are extracted with 100 mL aliquots of Methylene chloride rather than 60 mL aliquots per the referred methods.

17.1.3. Solid samples are extracted as received, with %-moisture determination performed simultaneously. Dry weight correction to results is applied at the time of data reporting.

17.1.4. Tissue samples are extracted using toluene.

17.1.5. The sample extract cleanup procedures are all optional, except where noted, and based on analyst judgment. The routine cleanup procedures include acidic silica gel and acidic alumina cleanup columns. The laboratory does not routinely use Florisil, GPC, or anthropogenic column cleanup procedures.

17.1.6. Soxtherms are used as an option of extracting that is not listed in the source method. The soxtherm are used instead of soxhlets and microwave.

17.1.7. Alumina is used as a clean up option which is not listed.

17.1.8. Hg is used as a clean up option which is not listed.

17.1.9. Carbon cleanup is not used as a cleanup option.

17.1.10. Florisil is not used as a cleanup option.

18. ATTACHMENTS

18.1. Table 1 – Composition of the Sample Fortification Solutions

18.2. Table 2 – Instrument Calibration Solution Concentrations

18.3. Table 3 – Composition of the Matrix Spike Fortification Solution

19. REVISION HISTORY

19.1. WS-IDP-0013, Revision 4.3 Effective 08/06/2018

19.1.1. Added section 5.1.11, “When dispensing methylene chloride or any other solvent from the Cycletainer, do not lock the dispenser into the open position and walk away to perform any other tasks. While you may lock the dispenser open for steady flow to reduce the ergonomic impact, you must stay there with the dispenser and container being filled to prevent it from overflowing.”

19.1.2. Section 7.4.1.1 revised to, “Activated silica gel - Silica Gel 60-Fisher S825-212, 230-400 mesh, rinsed with methylene chloride, baked at 185-195ºC- for at least 12 hours before use. Store at 125-145ºC in a covered flask or bottle.”

19.1.3. Section 11.3.3.2 changed, “70 ºC” to “80 ºC”.

19.1.4. Section 11.3.5 changed, “70 ºC” to “80 ºC”.

19.1.5. Section 11.3.5.1 changed, “70 ºC” to “80 ºC”.

19.1.6. Section 11.6.12.1 changed, “65 ºC” to “75 ºC”.

19.1.7. Section 11.9.2.3 changed, “DCM” to “hexane”.

19.1.8. Section 15.3 changed to, “Disposable spatulas and other items, including bench paper, that have come into contact with unextracted soil, extracted PUF filters, sodium sulfate, silica gel, alumina, carbon XAD-2 resin, paper funnel filters, glass wool, thimbles, fish/crawfish, ash and soil contaminated with various solvent and eluents; dump the materials into an orange contaminated lab trash bucket. When the bucket is full or after no more than one year, tie the plastic bag liner shut and put the lab trash into the appropriate steel collection drum (incineration) in the H3 closet. When the drum is full or after no more than 75 days, move it to the waste collection area for shipment.”

19.1.9. Removed revision history prior to 2015, it can be found in previous versions of this SOP.

19.1.10. Editorial changes.

19.2. WS-IDP-0013, Revision 4.2 Effective 02/07/2017

19.2.1. Added Section 11.6.1.1, “For leachate samples (including an aliquot of the leachate blank), measure 200 mL of leachate into a clean 1 L sample bottle. Add approximately 800 mL of reagent water to the leachate. The sample volume in TALS for leachates is 200 mL.”

19.2.2. Editorial changes.

19.3. WS-IDP-0013, Revision 4.1 Effective 08/26/2016

19.3.1. Section 11.9.2.1 – Changed 40 mL of concentrated H_2SO_4 to 20 mL. (Partition the extract in 50-125 mL of hexane against 20 mL concentrated H_2SO_4 in a separatory funnel.).

19.3.2. Section 11.9.2.3 – Added “Collect the extract into a round bottom flask.” at end of paragraph.

19.3.3. Editorial changes.

19.4. WS-IDP-0013, Revision 4.0, Effective 07/31/2015

19.4.1. Updated Copyright statement (cover).

19.4.2. Added Section 8.3 - All extracts must be stored capped and in the dark at <-10 °C.

19.4.3. Section 11 underwent a major revision to incorporate current laboratory practices and encompass test similar with other SOPs.

19.4.4. Added Sections 16.5 – 16.13 listing SOPs that are referenced in this SOP.

19.4.5. Added Sections 17.1.7 – 17.1.10 to list method modifications.

19.4.6. Editorial changes.

TABLE I
Composition of the Sample Fortification Solutions

	Isotope Dilution Analyte Concentration (pg/uL in Isooctane)	Recovery Standard Solution (pg/uL in Dodecane) (Internal Standard)	Clean-up Recovery Standard Solution (Surrogate) (pg/uL in Isooctane)
$^{13}C_{12}$-2-MonoPCB (1)	20	--	--
$^{13}C_{12}$-4-MonoPCB (3)	20	--	--
$^{13}C_{12}$-2,2-DiPCB (4)	20	--	--
$^{13}C_{12}$-2,5-DiPCB (9)	--	100	--
$^{13}C_{12}$-4,4'-DiPCB (15)	20	--	--
$^{13}C_{12}$-2,2',6'-TriPCB (19)	20	--	--
$^{13}C_{12}$-2,4,4'-TriPCB (28)	--	--	100
$^{13}C_{12}$-3,4,4'-TriPCB (37)	20	--	--
$^{13}C_{12}$-2,2',5,5'-TetraPCB (52)	--	100	--
$^{13}C_{12}$-2,2',6,6'-TetraPCB (54)	20	--	--
$^{13}C_{12}$-3,3',4,4'-TetraPCB (77)	20	--	--
$^{13}C_{12}$-3,4,4',5-TetraPCB (81)	20	--	--
$^{13}C_{12}$-2,2',4,5,5'-PentaPCB (101)	--	100	--
$^{13}C_{12}$-2,2',4,6,6'-PentaPCB (104)	20	--	--
$^{13}C_{12}$-2,3,3',4,4'-PentaPCB (105)	20	--	--
$^{13}C_{12}$-2,3,3'5,5'-PentaPCB (111)	--	--	100
$^{13}C_{12}$-2,3,4,4',5-PentaPCB (114)	20	--	--
$^{13}C_{12}$-2,3',4,4'5-PentaPCB (118)	20	--	--
$^{13}C_{12}$-2',3,4,4',5-PentaPCB (123)	20	--	--
$^{13}C_{12}$-3,3',4,4',5-PentaPCB (126)	20	--	--
$^{13}C_{12}$-2,2',3',4,4',5'-HexaPCB (138)	--	100	--
$^{13}C_{12}$-2,2',4,4',6,6'-HexaPCB (155)	20	--	--
$^{13}C_{12}$-2,3,3',4,4',5-HexaPCB (156)	20	--	--
$^{13}C_{12}$-2,3,3',4,4',5'-HexaPCB (157)	20	--	--
$^{13}C_{12}$-2,3',4,4',5,5'-HexaPCB (167)	20	--	--
$^{13}C_{12}$-3,3',4,4',5,5'-HexaPCB (169)	20	--	--
$^{13}C_{12}$-2,2',3,3',5,5',6-HeptaPCB (178)	--	--	100
$^{13}C_{12}$-2,2',3,4',5,6,6'-HeptaPCB (188)	20	--	--
$^{13}C_{12}$-2,3,3',4,4',5,5'-HeptaPCB (189)	20	--	--
$^{13}C_{12}$-2,2',3,3',4,4',5,5'-OctaPCB (194)	--	100	--
$^{13}C_{12}$-2,2',3,3',5,5',6,6'-OctaPCB (202)	20	--	--
$^{13}C_{12}$-2,3,3',4,4'5,5',6-OctaPCB (2025	20	--	--
$^{13}C_{12}$-2,2',3,3',4,4',5,5',6-NonaPCB (206)	20	--	--
$^{13}C_{12}$-2,2',3,3',4,5,5',6,6'-NonaPCB (208)	20	--	--
$^{13}C_{12}$-DecaPCB (209)	20	--	--

TABLE 2
Instrument Calibration Solution Concentrations

Compound	IUPAC #(s)	Concentration (pg/uL in Dodecane)				
		CC1	CC2	CC3	CC4	CC5
Unlabelled Analytes						
MonoPCB	1,3	1	5	50	400	2000
DiPCB	4,15	1	5	50	400	2000
TriPCB	19,37	1	5	50	400	2000
TetraPCB	54,77,81	1	5	50	400	2000
PentaPCB	104,105,114,118,123,126	1	5	50	400	2000
HexaPCB	155, 156,157,167,169	1	5	50	400	2000
HeptaPCB	188,189	1	5	50	400	2000
OctaPCB	202,205	1	5	50	400	2000
NonaPCB	206,208	1	5	50	400	2000
DecaPCB	209	1	5	50	400	2000
Internal Standards						
^{13}C-MonoPCB	1,3	100	100	100	100	100
^{13}C-DiPCB	4,15	100	100	100	100	100
^{13}C-TriPCB	19,37	100	100	100	100	100
^{13}C-TetraPCB	54,77, 81	100	100	100	100	100
^{13}C-PentaPCB	104,105,114,118,123,126	100	100	100	100	100
^{13}C-HexaPCB	155,156,157,167,169	100	100	100	100	100
^{13}C-HeptaPCB	188,189	100	100	100	100	100
^{13}C-OctaPCB	202,205	100	100	100	100	100
^{13}C-NonaPCB	206,208	100	100	100	100	100
^{13}C-DecaPCB	209	100	100	100	100	100
Recovery Standards						
^{13}C-DiPCB	9	100	100	100	100	100
^{13}C-TetraPCB	52	100	100	100	100	100
^{13}C-PentaPCB	101	100	100	100	100	100
^{13}C-HexaPCB	138	100	100	100	100	100
^{13}C-OctaPCB	194	100	100	100	100	100
Cleanup Recovery Standards						
^{13}C-TriPCB	28	100	100	100	100	100
^{13}C-PentaPCB	111	100	100	100	100	100
^{13}C-HeptaPCB	178	100	100	100	100	100

TABLE 3
Composition of the Matrix Spike Fortification Solution

Compound (Unlabelled)	IUPAC #(s)	Concentration (pg/uL in isooctane)
MonoPCB	1,3	20
DiPCB	4,15	20
TriPCB	19,37	20
TetraPCB	54,77,81	20
PentaPCB	104,105,114, 118,123,126	20
HexaPCB	155, 156,157,167,169	20
HeptaPCB	188,189	20
OctaPCB	202,205	20
NonaPCB	206,208	20
DecaPCB	209	20

Appendix D
Summary of Analytical Data

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8081 Pest	72-54-8	4,4'-DDD	0.0035	mg/kg	U	0.021	2.2		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8081 Pest	72-55-9	4,4'-DDE	0.0035	mg/kg	U	0.021	1.8		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8081 Pest	50-29-3	4,4'-DDT	0.0035	mg/kg	U	0.021	1.8		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8081 Pest	309-00-2	Aldrin	0.0018	mg/kg	U	0.000085	0.031		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8081 Pest	319-84-6	alpha-BHC	0.0018	mg/kg	U	0.0096	0.083		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8081 Pest	5103-71-9	alpha-Chlordane	0.0018	mg/kg	U	0.27	1.7		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8081 Pest	319-85-7	beta-BHC	0.0018	mg/kg	U	0.0096	0.086		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8081 Pest	319-86-8	delta-BHC	0.0018	mg/kg	U	0.0096	0.083		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8081 Pest	60-57-1	Dieldrin	0.0035	mg/kg	U	0.0049	0.033		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8081 Pest	959-98-8	Endosulfan I	0.0018	mg/kg	U	0.64	45		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8081 Pest	33213-65-9	Endosulfan II	0.0035	mg/kg	U	0.64	45		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.0035	mg/kg	U	0.64	36		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8081 Pest	72-20-8	Endrin	0.0035	mg/kg	U	0.0014	1.8		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8081 Pest	7421-93-4	Endrin aldehyde	0.0035	mg/kg	U	0.0014	1.8		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8081 Pest	53494-70-5	Endrin ketone	0.0035	mg/kg	U	0.0014	1.8		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.0018	mg/kg	U	0.0096	0.49		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8081 Pest	5103-74-2	gamma-Chlordane	0.0018	mg/kg	U	0.27	1.7		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8081 Pest	76-44-8	Heptachlor	0.0018	mg/kg	U	0.0016	0.11		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.0018	mg/kg	U	0.00015	0.055		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8081 Pest	72-43-5	Methoxychlor	0.018	mg/kg	U	5.1	31		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8081 Pest	8001-35-2	Toxaphene	0.035	mg/kg	U	0.47	0.47		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8151	93-76-5	2,4,5-T	0.093	mg/kg		60	60		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8151	93-72-1	2,4,5-TP (Silvex)	0.004	mg/kg	U	0.055	49		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8151	94-75-7	2,4-D	0.021	mg/kg	U	67	67		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8151	94-82-6	2,4-DB	0.01	mg/kg	U				
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.17	mg/kg					
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8151	75-99-0	Dalapon	0.042	mg/kg	U	182	182		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8151	1918-00-9	Dicamba	0.0021	mg/kg	U	182	182		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8151	88-85-7	Dinoseb	0.013	mg/kg	U	0.015	6		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8151	94-74-6	MCPA	1	mg/kg	U	3.1	3.1		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8151	93-65-2	MCPP	4.8	mg/kg	U	6	6		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.0021	mg/kg	U	0.07	1.9		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	71-55-6	1,1,1-Trichloroethane	0.0021	mg/kg	U	260	778		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.0021	mg/kg	U	0.13	0.58		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	79-00-5	1,1,2-Trichloroethane	0.0021	mg/kg	U	0.14	0.14		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	75-34-3	1,1-Dichloroethane	0.0021	mg/kg	U	3.5	3.5		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	75-35-4	1,1-Dichloroethene	0.0021	mg/kg	U	11	22		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	563-58-6	1,1-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.0053	mg/kg	U	6	6		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	96-18-4	1,2,3-Trichloropropane	0.0021	mg/kg	U	0.0049	0.0049		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	120-82-1	1,2,4-Trichlorobenzene	0.0053	mg/kg	U	0.27	5.6		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.0021	mg/kg	U	0.09	29		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.0053	mg/kg	U	0.0051	0.0051		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.0021	mg/kg	U	0.035	0.035		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	95-50-1	1,2-Dichlorobenzene	0.0021	mg/kg	U	0.92	173		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	107-06-2	1,2-Dichloroethane	0.0021	mg/kg	U	0.44	0.44		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	78-87-5	1,2-Dichloropropane	0.0021	mg/kg	U	0.28	1.5		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.0021	mg/kg	U	0.16	26		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	541-73-1	1,3-Dichlorobenzene	0.0021	mg/kg	U	0.74	2.5		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	142-28-9	1,3-Dichloropropane	0.0021	mg/kg	U	0.28	154		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	106-46-7	1,4-Dichlorobenzene	0.0021	mg/kg	U	0.89	2.5		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	594-20-7	2,2-Dichloropropane	0.0021	mg/kg	U	0.28	1.5		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	95-49-8	2-Chlorotoluene	0.0021	mg/kg	U	154	154		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	591-78-6	2-Hexanone	0.01	mg/kg	U	0.36	19		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	106-43-4	4-Chlorotoluene	0.0021	mg/kg	U	154	154		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	67-64-1	Acetone	0.01	mg/kg	U	1.2	6720		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	71-43-2	Benzene	0.0021	mg/kg	U	1.2	1.2		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	108-86-1	Bromobenzene	0.0021	mg/kg	U	28	28		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	74-97-5	Bromochloromethane	0.0021	mg/kg	U	3.4	3.4		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	75-27-4	Bromodichloromethane	0.0021	mg/kg	U	0.28	0.28		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	75-25-2	Bromoform	0.0021	mg/kg	U	0.07	18		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	74-83-9	Bromomethane	0.0053	mg/kg	U	0.002	0.65		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	75-15-0	Carbon disulfide	0.01	mg/kg	U	0.81	74		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	56-23-5	Carbon tetrachloride	0.0021	mg/kg	U	0.62	0.62		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	108-90-7	Chlorobenzene	0.0021	mg/kg	U	2.4	27		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	75-00-3	Chloroethane	0.0021	mg/kg	U	518	518		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	67-66-3	Chloroform	0.0021	mg/kg	U	0.31	0.31		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	74-87-3	Chloromethane	0.0053	mg/kg	U	11	11		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	156-59-2	cis-1,2-Dichloroethene	0.0021	mg/kg	U	6	6		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	124-48-1	Dibromochloromethane	0.0021	mg/kg	U	3.7	3.7		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	74-95-3	Dibromomethane	0.0021	mg/kg	U	2.304	2.3		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	75-71-8	Dichlorodifluoromethane	0.0021	mg/kg	U	8.4	8.4		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	100-41-4	Ethylbenzene	0.0021	mg/kg	U	0.27	5.6		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	87-68-3	Hexachlorobutadiene	0.0053	mg/kg	U	0.009	1.2		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	98-82-8	Isopropylbenzene	0.0021	mg/kg	U	0.04	182		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	179601-23-1	m,p-Xylene	0.0021	mg/kg	U	1.4	53		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	78-93-3	MEK (2-Butanone)	0.01	mg/kg	U	350	2592		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	75-09-2	Methylene chloride	0.01	mg/kg	U	2.6	34		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	0.01	mg/kg	U	9.7	3168		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	91-20-3	Naphthalene	0.0053	mg/kg	U	1.9	1.9		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	104-51-8	n-Butylbenzene	0.0021	mg/kg	U	374	374		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	103-65-1	n-Propylbenzene	0.0021	mg/kg	U	365	365		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	95-47-6	o-Xylene	0.0021	mg/kg	U	1.4	61		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	99-87-6	p-Cymene	0.0021	mg/kg	U	0.18	182		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	135-98-8	sec-Butylbenzene	0.0053	mg/kg	U	749	749		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	100-42-5	Styrene	0.0021	mg/kg	U	1.2	576		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	98-06-6	tert-Butylbenzene	0.0021	mg/kg	U	749	749		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	127-18-4	Tetrachloroethene	0.0021	mg/kg	U	0.18	7.8		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	108-88-3	Toluene	0.0021	mg/kg	U	23	470		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	156-60-5	trans-1,2-Dichloroethene	0.0021	mg/kg	U	6.7	6.7		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	79-01-6	Trichloroethene	0.0021	mg/kg	U	0.39	0.39		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	75-69-4	Trichlorofluoromethane	0.0021	mg/kg	U	52	2208		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	108-05-4	Vinyl acetate	0.01	mg/kg	U	87	87		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8260	75-01-4	Vinyl chloride	0.0021	mg/kg	U	0.057	0.057		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	95-95-4	2,4,5-Trichlorophenol	0.88	mg/kg	U	4	605		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	88-06-2	2,4,6-Trichlorophenol	0.18	mg/kg	U	6	6		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	120-83-2	2,4-Dichlorophenol	0.18	mg/kg	U	0.05	18		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	105-67-9	2,4-Dimethylphenol	0.18	mg/kg	U	0.04	125		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	51-28-5	2,4-Dinitrophenol	0.88	mg/kg	U	0.061	12		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	121-14-2	2,4-Dinitrotoluene	0.18	mg/kg	U	1.6	1.6		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	606-20-2	2,6-Dinitrotoluene	0.18	mg/kg	U	0.3456	0.35		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	91-58-7	2-Chloronaphthalene	0.18	mg/kg	U	461	461		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	95-57-8	2-Chlorophenol	0.18	mg/kg	U	0.39	37		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	91-57-6	2-Methylnaphthalene	0.18	mg/kg	U	23	23		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	95-48-7	2-Methylphenol	0.18	mg/kg	U	0.67	307		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	88-74-4	2-Nitroaniline	0.88	mg/kg	U	5.3	60		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	88-75-5	2-Nitrophenol	0.18	mg/kg	U	5.1	1824		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	91-94-1	3,3'-Dichlorobenzidine	0.35	mg/kg	U	0.03	1.2		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	99-09-2	3-Nitroaniline	0.88	mg/kg	U	0.02	60		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.88	mg/kg	U	0.49	0.49		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.18	mg/kg	U				
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	59-50-7	4-Chloro-3-methylphenol	0.18	mg/kg	U	605	605		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	106-47-8	4-Chloroaniline	0.18	mg/kg	U	1	2.6		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.18	mg/kg	U				
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	106-44-5	4-Methylphenol	0.18	mg/kg	U	0.08	125		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	100-01-6	4-Nitroaniline	0.88	mg/kg	U	0.02	24		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	100-02-7	4-Nitrophenol	0.88	mg/kg	U	5.1	1824		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	83-32-9	Acenaphthene	0.18	mg/kg	U	29	346		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	208-96-8	Acenaphthylene	0.18	mg/kg	U	1.9	1.9		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	62-53-3	Aniline	0.18	mg/kg	U	42	42		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	120-12-7	Anthracene	0.012	mg/kg	J	29	1728		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	92-87-5	Benzidine	1.8	mg/kg	U	0.00051	0.00051		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	56-55-3	Benzo(a)anthracene	0.098	mg/kg	J	1.1	1.1		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	50-32-8	Benzo(a)pyrene	0.14	mg/kg	J	0.11	0.11		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	205-99-2	Benzo(b)fluoranthene	0.11	mg/kg	J	1.1	1.1		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	191-24-2	Benzo(g,h,i)perylene	0.071	mg/kg	J	1.1	173		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	207-08-9	Benzo(k)fluoranthene	0.11	mg/kg	J	1.1	11		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	65-85-0	Benzoic acid	0.88	mg/kg	U	1	24000		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	100-51-6	Benzyl alcohol	0.18	mg/kg	U	120	605		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.18	mg/kg	U	18	18		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.18	mg/kg	U	0.22	0.22		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	0.15	mg/kg	J	0.02	37		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.18	mg/kg	U	298	298		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	85-68-7	Butyl benzylphthalate	0.18	mg/kg	U	90	278		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	86-74-8	Carbazole	0.18	mg/kg	U	7.5	7.5		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	218-01-9	Chrysene	0.12	mg/kg	J	1.1	106		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	53-70-3	Dibenzo(a,h)anthracene	0.037	mg/kg	J	0.1056	0.11		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	132-64-9	Dibenzofuran	0.18	mg/kg	U	6.1	7.5		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	84-66-2	Diethyl phthalate	0.18	mg/kg	U	100	4896		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	131-11-3	Dimethyl phthalate	0.18	mg/kg	U	10	37		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	84-74-2	Di-n-butylphthalate	0.18	mg/kg	U	0.011	605		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	117-84-0	Di-n-octylphthalate	0.18	mg/kg	U	0.91	60		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	206-44-0	Fluoranthene	0.13	mg/kg	J	1.1	230		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	86-73-7	Fluorene	0.18	mg/kg	U	29	230		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	118-74-1	Hexachlorobenzene	0.18	mg/kg	U	0.075	0.075		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	77-47-4	Hexachlorocyclopentadiene	0.18	mg/kg	U	0.001	0.17		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	67-72-1	Hexachloroethane	0.18	mg/kg	U	0.024	1.7		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	0.073	mg/kg	J	1.1	1.1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	78-59-1	Isophorone	0.18	mg/kg	U	547	547		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	98-95-3	Nitrobenzene	0.18	mg/kg	U	2.2	4.9		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	62-75-9	N-Nitrosodimethylamine	0.18	mg/kg	U	0.0019	0.0019		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.18	mg/kg	U	0.075	0.075		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	86-30-6	N-Nitrosodiphenylamine	0.18	mg/kg	U	0.55	106		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	87-86-5	Pentachlorophenol	0.88	mg/kg	U	0.96	1		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	85-01-8	Phenanthrene	0.039	mg/kg	J	29	1728		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	108-95-2	Phenol	0.18	mg/kg	U	0.79	1824		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	8270	129-00-0	Pyrene	0.16	mg/kg	J	1.1	173		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.20632	mg/kg					
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	1.049	mg/kg		1.1			
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.153	mg/kg		29			
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	METALS	7440-36-0	Antimony	2.8	mg/kg		0.27	3		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	METALS	7440-38-2	Arsenic	3.6	mg/kg		0.43	0.43		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	METALS	7440-39-3	Barium	83.4	mg/kg		330	1440		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	METALS	7440-41-7	Beryllium	0.3	mg/kg		15	15		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	METALS	7440-43-9	Cadmium	0.27	mg/kg	U	0.36	0.68		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	METALS	7440-47-3	Chromium	25.2	mg/kg		0.29	0.29		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	METALS	7440-50-8	Copper	43.8	mg/kg		28	298		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	METALS	7439-89-6	Iron	26700	mg/kg		5280	5280		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	METALS	7439-92-1	Lead	74.5	mg/kg		11	192		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	METALS	7439-96-5	Manganese	372	mg/kg		173	173		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	METALS	7439-97-6	Mercury	0.11	mg/kg	U	0.013	1.1		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	METALS	7440-02-0	Nickel	40	mg/kg		38	134		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	METALS	7782-49-2	Selenium	0.26	mg/kg	U	0.52	37		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	METALS	7440-22-4	Silver	0.54	mg/kg	U	4.2	37		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	METALS	7440-28-0	Thallium	0.26	mg/kg	U	0.05	0.075		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	METALS	7440-66-6	Zinc	88.7	mg/kg		46	2208		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	NWTPH_HCID	TPH-G	Gasoline Range Organics	20	mg/kg	U	120	1200		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	NWTPH-Dx	TPH-D	Diesel Range Organics	31	mg/kg		260	1100		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	NWTPH-Dx	MOIL	Residual Range Organics	210	mg/kg		260	2800		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	PCBS	12674-11-2	Aroclor-1016	0.035	mg/kg	UJ	0.041	0.1		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	PCBS	11104-28-2	Aroclor-1221	0.035	mg/kg	UJ	0.041	0.19		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	PCBS	11141-16-5	Aroclor-1232	0.035	mg/kg	UJ	0.041	0.16		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	PCBS	53469-21-9	Aroclor-1242	0.035	mg/kg	UJ	0.041	0.22		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	PCBS	12672-29-6	Aroclor-1248	0.035	mg/kg	UJ	0.041	0.22		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	PCBS	11097-69-1	Aroclor-1254	0.035	mg/kg	UJ	0.029	0.029		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	PCBS	11096-82-5	Aroclor-1260	0.058	mg/kg	J	0.041	0.23		
BIL01SSI	723523.882	7834860.328	9/20/1999	0 - 0.33	SO	N	990920BIL01SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.128	mg/kg		0.0073	0.23		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8082	12674-11-2	Aroclor-1016	0.00149	mg/kg	U	0.041	0.1		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8082	11104-28-2	Aroclor-1221	0.00639	mg/kg	U	0.041	0.19		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8082	11141-16-5	Aroclor-1232	0.0051	mg/kg	U	0.041	0.16		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8082	53469-21-9	Aroclor-1242	0.00273	mg/kg	U	0.041	0.22		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8082	12672-29-6	Aroclor-1248	0.968	mg/kg		0.041	0.22		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8082	11097-69-1	Aroclor-1254	0.00212	mg/kg	U	0.029	0.029		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8082	11096-82-5	Aroclor-1260	0.0263	mg/kg		0.041	0.23		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.000247	mg/kg	U	0.07	1.9		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	71-55-6	1,1,1-Trichloroethane	0.000247	mg/kg	U	260	778		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000247	mg/kg	U	0.13	0.58		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	79-00-5	1,1,2-Trichloroethane	0.000247	mg/kg	U	0.14	0.14		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	75-34-3	1,1-Dichloroethane	0.000247	mg/kg	U	3.5	3.5		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	75-35-4	1,1-Dichloroethene	0.000247	mg/kg	U	11	22		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	563-58-6	1,1-Dichloropropene	0.000247	mg/kg	U	0.001	1.7		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	87-61-6	1,2,3-Trichlorobenzene	0.000247	mg/kg	U	6	6		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	96-18-4	1,2,3-Trichloropropane	0.000247	mg/kg	U	0.0049	0.0049		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	120-82-1	1,2,4-Trichlorobenzene	0.000247	mg/kg	UJ	0.27	5.6		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	95-63-6	1,2,4-Trimethylbenzene	0.000247	mg/kg	U	0.09	29		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.000247	mg/kg	U	0.0051	0.0051		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.000247	mg/kg	U	0.035	0.035		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	95-50-1	1,2-Dichlorobenzene	0.000247	mg/kg	U	0.92	173		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	107-06-2	1,2-Dichloroethane	0.000247	mg/kg	U	0.44	0.44		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	78-87-5	1,2-Dichloropropane	0.000247	mg/kg	U	0.28	1.5		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000247	mg/kg	U	0.16	26		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	541-73-1	1,3-Dichlorobenzene	0.000247	mg/kg	U	0.74	2.5		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	142-28-9	1,3-Dichloropropane	0.000247	mg/kg	U	0.28	154		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	106-46-7	1,4-Dichlorobenzene	0.000247	mg/kg	U	0.89	2.5		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	594-20-7	2,2-Dichloropropane	0.000247	mg/kg	U	0.28	1.5		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	95-49-8	2-Chlorotoluene	0.000247	mg/kg	U	154	154		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	591-78-6	2-Hexanone	0.00124	mg/kg	U	0.36	19		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	106-43-4	4-Chlorotoluene	0.000247	mg/kg	U	154	154		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	67-64-1	Acetone	0.00124	mg/kg	UJ	1.2	6720		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	71-43-2	Benzene	0.000247	mg/kg	U	1.2	1.2		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	108-86-1	Bromobenzene	0.000247	mg/kg	U	28	28		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	74-97-5	Bromochloromethane	0.000247	mg/kg	U	3.4	3.4		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	75-27-4	Bromodichloromethane	0.000247	mg/kg	U	0.28	0.28		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	75-25-2	Bromoform	0.000247	mg/kg	U	0.07	18		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	74-83-9	Bromomethane	0.000247	mg/kg	UJ	0.002	0.65		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	75-15-0	Carbon disulfide	0.000247	mg/kg	U	0.81	74		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	56-23-5	Carbon tetrachloride	0.000247	mg/kg	U	0.62	0.62		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	108-90-7	Chlorobenzene	0.000247	mg/kg	U	2.4	27		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	75-00-3	Chloroethane	0.000247	mg/kg	U	518	518		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	67-66-3	Chloroform	0.000247	mg/kg	U	0.31	0.31		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	74-87-3	Chloromethane	0.000247	mg/kg	U	11	11		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	156-59-2	cis-1,2-Dichloroethene	0.000247	mg/kg	U	6	6		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000247	mg/kg	U	0.001	1.7		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	124-48-1	Dibromochloromethane	0.000247	mg/kg	U	3.7	3.7		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	74-95-3	Dibromomethane	0.000247	mg/kg	U	2.304	2.3		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	75-71-8	Dichlorodifluoromethane	0.000247	mg/kg	U	8.4	8.4		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	100-41-4	Ethylbenzene	0.000247	mg/kg	U	0.27	5.6		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	87-68-3	Hexachlorobutadiene	0.000247	mg/kg	U	0.009	1.2		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	98-82-8	Isopropylbenzene	0.000247	mg/kg	U	0.04	182		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	179601-23-1	m,p-Xylene	0.000495	mg/kg	U	1.4	53		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	78-93-3	MEK (2-Butanone)	1.23	mg/kg	U	350	2592		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	75-09-2	Methylene chloride	0.0037	mg/kg	U	2.6	34		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00124	mg/kg	U	9.7	3168		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	104-51-8	n-Butylbenzene	0.000247	mg/kg	U	374	374		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	103-65-1	n-Propylbenzene	0.000247	mg/kg	U	365	365		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	95-47-6	o-Xylene	0.000247	mg/kg	U	1.4	61		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	99-87-6	p-Cymene	0.000247	mg/kg	U	0.18	182		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	135-98-8	sec-Butylbenzene	0.000247	mg/kg	U	749	749		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	100-42-5	Styrene	0.000247	mg/kg	U	1.2	576		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	98-06-6	tert-Butylbenzene	0.000247	mg/kg	U	749	749		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	127-18-4	Tetrachloroethene	0.011	mg/kg		0.18	7.8		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	108-88-3	Toluene	0.00369	mg/kg		23	470		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	156-60-5	trans-1,2-Dichloroethene	0.000247	mg/kg	U	6.7	6.7		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	10061-02-6	trans-1,3-Dichloropropene	0.000247	mg/kg	U	0.001	1.7		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	79-01-6	Trichloroethene	0.000247	mg/kg	U	0.39	0.39		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	75-69-4	Trichlorofluoromethane	0.000247	mg/kg	U	52	2208		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	108-05-4	Vinyl acetate	0.00124	mg/kg	UJ	87	87		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8260B	75-01-4	Vinyl chloride	0.000247	mg/kg	U	0.057	0.057		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	95-95-4	2,4,5-Trichlorophenol	0.0329	mg/kg	U	4	605		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	88-06-2	2,4,6-Trichlorophenol	0.0243	mg/kg	U	6	6		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	120-83-2	2,4-Dichlorophenol	0.0201	mg/kg	U	0.05	18		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	105-67-9	2,4-Dimethylphenol	0.0201	mg/kg	U	0.04	125		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	121-14-2	2,4-Dinitrotoluene	0.0238	mg/kg	U	1.6	1.6		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	606-20-2	2,6-Dinitrotoluene	0.0329	mg/kg	U	0.3456	0.35		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	91-58-7	2-Chloronaphthalene	0.00549	mg/kg	U	461	461		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	95-57-8	2-Chlorophenol	0.0275	mg/kg	U	0.39	37		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	91-57-6	2-Methylnaphthalene	0.00286	mg/kg	U	23	23		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	95-48-7	2-Methylphenol	0.022	mg/kg	U	0.67	307		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	88-74-4	2-Nitroaniline	0.0238	mg/kg	U	5.3	60		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	88-75-5	2-Nitrophenol	0.0256	mg/kg	U	5.1	1824		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	91-94-1	3,3'-Dichlorobenzidine	0.0201	mg/kg	U	0.03	1.2		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	99-09-2	3-Nitroaniline	0.0311	mg/kg	U	0.02	60		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0243	mg/kg	U				
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	59-50-7	4-Chloro-3-methylphenol	0.0201	mg/kg	U	605	605		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	106-47-8	4-Chloroaniline	0.017	mg/kg	U	1	2.6		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.0308	mg/kg	U				
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	106-44-5	4-Methylphenol	0.0271	mg/kg	U	0.08	125		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	100-01-6	4-Nitroaniline	0.0311	mg/kg	U	0.02	24		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	100-02-7	4-Nitrophenol	0.0348	mg/kg	UJ	5.1	1824		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	83-32-9	Acenaphthene	0.461	mg/kg		29	346		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	208-96-8	Acenaphthylene	0.00798	mg/kg	U	1.9	1.9		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	62-53-3	Aniline	0.0494	mg/kg	UJ	42	42		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	120-12-7	Anthracene	1.45	mg/kg		29	1728		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	92-87-5	Benzidine	0.0346	mg/kg	UJ	0.00051	0.00051		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	56-55-3	Benzo(a)anthracene	6.46	mg/kg		1.1	1.1		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	50-32-8	Benzo(a)pyrene	7.03	mg/kg		0.11	0.11		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	191-24-2	Benzo(g,h,i)perylene	3.56	mg/kg		1.1	173		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	56832-73-6	Benzofluoranthenes, Total	10.3	mg/kg	J				
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	100-51-6	Benzyl alcohol	0.0384	mg/kg	U	120	605		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.022	mg/kg	U	18	18		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	111-44-4	Bis (2-chloroethyl) ether	0.035	mg/kg	U	0.22	0.22		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	2.67	mg/kg	J	0.02	37		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0476	mg/kg	U	298	298		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	85-68-7	Butyl benzylphthalate	0.0348	mg/kg	U	90	278		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	86-74-8	Carbazole	0.425	mg/kg	J	7.5	7.5		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	218-01-9	Chrysene	6.9	mg/kg		1.1	106		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	53-70-3	Dibenzo(a,h)anthracene	0.793	mg/kg		0.1056	0.11		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	132-64-9	Dibenzofuran	0.0677	mg/kg	J	6.1	7.5		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	84-66-2	Diethyl phthalate	0.0311	mg/kg	U	100	4896		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	131-11-3	Dimethyl phthalate	0.0201	mg/kg	U	10	37		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	84-74-2	Di-n-butylphthalate	0.159	mg/kg	U	0.011	605		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	117-84-0	Di-n-octylphthalate	0.0476	mg/kg	UJ	0.91	60		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	206-44-0	Fluoranthene	11.8	mg/kg		1.1	230		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	86-73-7	Fluorene	0.223	mg/kg		29	230		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	118-74-1	Hexachlorobenzene	0.0201	mg/kg	U	0.075	0.075		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	77-47-4	Hexachlorocyclopentadiene	0.0258	mg/kg	U	0.001	0.17		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	67-72-1	Hexachloroethane	0.0348	mg/kg	U	0.024	1.7		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	4.61	mg/kg		1.1	1.1		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	78-59-1	Isophorone	0.0256	mg/kg	U	547	547		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	91-20-3	Naphthalene	0.0366	mg/kg		1.9	1.9		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	98-95-3	Nitrobenzene	0.0251	mg/kg	U	2.2	4.9		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0201	mg/kg	U	0.075	0.075		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	87-86-5	Pentachlorophenol	0.0384	mg/kg	U	0.96	1		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	85-01-8	Phenanthrene	3.56	mg/kg		29	1728		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	108-95-2	Phenol	0.0366	mg/kg	U	0.79	1824		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	8270C	129-00-0	Pyrene	14.7	mg/kg		1.1	173		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	8.9369	mg/kg					
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	55.853	mg/kg		1.1			
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	5.73858	mg/kg		29			
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	Krone	1002-53-5	Dibutyltin	0.000899	mg/kg	U	1.8	1.8		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	Krone	78763-54-9	Monobutyltin	0.00198	mg/kg	U	2.2	2.2		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	Krone	1461-25-2	Tetrabutyltin	0.000694	mg/kg	U	2.2	2.2		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	Krone	688-73-3	Tributyltin	0.00143	mg/kg	U	2.2	2.2		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	NWTPH-Dx	TPH-D	Diesel Range Organics	92.7	mg/kg		260	1100		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	NWTPH-Dx	MOIL	Residual Range Organics	403	mg/kg		260	2800		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	NWTPH-Gx	TPH-G	Gasoline Range Organics	5.61	mg/kg	U	120	1200		
BIL01TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL01TPG	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.996	mg/kg		0.0073	0.23		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	200.8	7440-36-0	Antimony	0.3	mg/kg	UJ	0.27	3		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	200.8	7440-38-2	Arsenic	5.1	mg/kg		0.43	0.43		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	200.8	7440-41-7	Beryllium	0.4	mg/kg		15	15		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	200.8	7440-48-4	Cobalt	15.3	mg/kg	J	2.2	2.2		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	200.8	7439-92-1	Lead	119	mg/kg	J	11	192		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	200.8	7440-22-4	Silver	0.3	mg/kg	U	4.2	37		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	200.8	7440-28-0	Thallium	0.3	mg/kg	U	0.05	0.075		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	200.8	7440-62-2	Vanadium	48.6	mg/kg		7.8	37		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	6010B	7429-90-5	Aluminum	17400	mg/kg	J	50	7392		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	6010B	7440-39-3	Barium	136	mg/kg		330	1440		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	6010B	7440-70-2	Calcium	6920	mg/kg					
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	6010B	7440-47-3	Chromium	28.6	mg/kg		0.29	0.29		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	6010B	7440-50-8	Copper	54.9	mg/kg		28	298		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	6010B	7439-89-6	Iron	28000	mg/kg	J	5280	5280		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	6010B	7439-95-4	Magnesium	6500	mg/kg					
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	6010B	7439-96-5	Manganese	405	mg/kg	J	173	173		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	6010B	7440-02-0	Nickel	30	mg/kg		38	134		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	6010B	7440-09-7	Potassium	1280	mg/kg					
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	6010B	7440-23-5	Sodium	530	mg/kg					
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	6010B	7440-66-6	Zinc	151	mg/kg		46	2208		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	7131A	7440-43-9	Cadmium	0.54	mg/kg		0.36	0.68		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	7471A	7439-97-6	Mercury	0.19	mg/kg		0.013	1.1		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	7740	7782-49-2	Selenium	0.3	mg/kg	U	0.52	37		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8081A	72-54-8	4,4'-DDD	0.002	mg/kg	U	0.021	2.2		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8081A	72-55-9	4,4'-DDE	0.002	mg/kg	U	0.021	1.8		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8081A	50-29-3	4,4'-DDT	0.013	mg/kg		0.021	1.8		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8081A	309-00-2	Aldrin	0.00099	mg/kg	U	0.000085	0.031		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8081A	319-84-6	alpha-BHC	0.00099	mg/kg	U	0.0096	0.083		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8081A	5103-71-9	alpha-Chlordane	0.0055	mg/kg	U	0.27	1.7		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8081A	319-85-7	beta-BHC	0.00099	mg/kg	U	0.0096	0.086		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8081A	319-86-8	delta-BHC	0.00099	mg/kg	U	0.0096	0.083		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8081A	60-57-1	Dieldrin	0.0021	mg/kg		0.0049	0.033		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8081A	959-98-8	Endosulfan I	0.00099	mg/kg	U	0.64	45		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8081A	33213-65-9	Endosulfan II	0.002	mg/kg	U	0.64	45		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8081A	1031-07-8	Endosulfan sulfate	0.002	mg/kg	U	0.64	36		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8081A	72-20-8	Endrin	0.002	mg/kg	U	0.0014	1.8		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8081A	7421-93-4	Endrin aldehyde	0.002	mg/kg	U	0.0014	1.8		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8081A	53494-70-5	Endrin ketone	0.002	mg/kg	U	0.0014	1.8		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8081A	58-89-9	gamma-BHC (Lindane)	0.00099	mg/kg	U	0.0096	0.49		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8081A	5103-74-2	gamma-Chlordane	0.0051	mg/kg	U	0.27	1.7		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8081A	76-44-8	Heptachlor	0.00099	mg/kg	U	0.0016	0.11		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8081A	1024-57-3	Heptachlor epoxide	0.00099	mg/kg	U	0.00015	0.055		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8081A	72-43-5	Methoxychlor	0.0099	mg/kg	U	5.1	31		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8081A	8001-35-2	Toxaphene	0.099	mg/kg	U	0.47	0.47		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8082	12674-11-2	Aroclor-1016	0.0039	mg/kg	U	0.041	0.1		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8082	11104-28-2	Aroclor-1221	0.0039	mg/kg	U	0.041	0.19		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8082	11141-16-5	Aroclor-1232	0.0039	mg/kg	U	0.041	0.16		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8082	53469-21-9	Aroclor-1242	0.0039	mg/kg	U	0.041	0.22		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8082	12672-29-6	Aroclor-1248	0.0039	mg/kg	U	0.041	0.22		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8082	11097-69-1	Aroclor-1254	0.026	mg/kg		0.029	0.029		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8082	11096-82-5	Aroclor-1260	0.05	mg/kg		0.041	0.23		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	120-82-1	1,2,4-Trichlorobenzene	0.02	mg/kg	U	0.27	5.6		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	95-50-1	1,2-Dichlorobenzene	0.02	mg/kg	U	0.92	173		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	541-73-1	1,3-Dichlorobenzene	0.02	mg/kg	U	0.74	2.5		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	106-46-7	1,4-Dichlorobenzene	0.02	mg/kg	U	0.89	2.5		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	95-95-4	2,4,5-Trichlorophenol	0.099	mg/kg	U	4	605		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	88-06-2	2,4,6-Trichlorophenol	0.099	mg/kg	U	6	6		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	120-83-2	2,4-Dichlorophenol	0.099	mg/kg	U	0.05	18		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	105-67-9	2,4-Dimethylphenol	0.02	mg/kg	U	0.04	125		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	51-28-5	2,4-Dinitrophenol	0.2	mg/kg	U	0.061	12		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	121-14-2	2,4-Dinitrotoluene	0.099	mg/kg	U	1.6	1.6		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	606-20-2	2,6-Dinitrotoluene	0.099	mg/kg	U	0.3456	0.35		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	91-58-7	2-Chloronaphthalene	0.02	mg/kg	U	461	461		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	95-57-8	2-Chlorophenol	0.02	mg/kg	U	0.39	37		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	91-57-6	2-Methylnaphthalene	0.02	mg/kg	U	23	23		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	95-48-7	2-Methylphenol	0.02	mg/kg	U	0.67	307		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	88-74-4	2-Nitroaniline	0.099	mg/kg	U	5.3	60		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	88-75-5	2-Nitrophenol	0.099	mg/kg	U	5.1	1824		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	91-94-1	3,3'-Dichlorobenzidine	0.099	mg/kg	U	0.03	1.2		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	99-09-2	3-Nitroaniline	0.099	mg/kg	U	0.02	60		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.2	mg/kg	U	0.49	0.49		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	101-55-3	4-Bromophenyl phenyl ether	0.02	mg/kg	U				
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	59-50-7	4-Chloro-3-methylphenol	0.099	mg/kg	U	605	605		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	106-47-8	4-Chloroaniline	0.099	mg/kg	U	1	2.6		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.02	mg/kg	U				
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	106-44-5	4-Methylphenol	0.02	mg/kg	U	0.08	125		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	100-01-6	4-Nitroaniline	0.099	mg/kg	U	0.02	24		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	100-02-7	4-Nitrophenol	0.099	mg/kg	U	5.1	1824		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	83-32-9	Acenaphthene	0.016	mg/kg	J	29	346		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	208-96-8	Acenaphthylene	0.02	mg/kg	U	1.9	1.9		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	120-12-7	Anthracene	0.035	mg/kg		29	1728		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	56-55-3	Benzo(a)anthracene	0.53	mg/kg		1.1	1.1		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	50-32-8	Benzo(a)pyrene	0.6	mg/kg		0.11	0.11		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	205-99-2	Benzo(b)fluoranthene	0.68	mg/kg		1.1	1.1		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	191-24-2	Benzo(g,h,i)perylene	0.28	mg/kg		1.1	173		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	207-08-9	Benzo(k)fluoranthene	0.45	mg/kg		1.1	11		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	65-85-0	Benzoic acid	0.2	mg/kg	U	1	24000		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	100-51-6	Benzyl alcohol	0.02	mg/kg	U	120	605		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	111-91-1	Bis (2-chloroethoxy) methane	0.02	mg/kg	U	18	18		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	111-44-4	Bis (2-chloroethyl) ether	0.02	mg/kg	U	0.22	0.22		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.14	mg/kg		0.02	37		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	39638-32-9	bis(2-Chloroisopropyl) ether	0.02	mg/kg	U	298	298		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	85-68-7	Butyl benzylphthalate	0.02	mg/kg	U	90	278		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	86-74-8	Carbazole	0.014	mg/kg	J	7.5	7.5		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	218-01-9	Chrysene	0.67	mg/kg		1.1	106		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	53-70-3	Dibenzo(a,h)anthracene	0.071	mg/kg		0.1056	0.11		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	132-64-9	Dibenzofuran	0.02	mg/kg	U	6.1	7.5		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	84-66-2	Diethyl phthalate	0.02	mg/kg	U	100	4896		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	131-11-3	Dimethyl phthalate	0.02	mg/kg	U	10	37		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	84-74-2	Di-n-butylphthalate	0.02	mg/kg	U	0.011	605		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	117-84-0	Di-n-octylphthalate	0.02	mg/kg	U	0.91	60		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	206-44-0	Fluoranthene	1.3	mg/kg		1.1	230		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	86-73-7	Fluorene	0.02	mg/kg	U	29	230		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	118-74-1	Hexachlorobenzene	0.02	mg/kg	U	0.075	0.075		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	87-68-3	Hexachlorobutadiene	0.02	mg/kg	U	0.009	1.2		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	77-47-4	Hexachlorocyclopentadiene	0.099	mg/kg	U	0.001	0.17		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	67-72-1	Hexachloroethane	0.02	mg/kg	U	0.024	1.7		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.27	mg/kg		1.1	1.1		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	78-59-1	Isophorone	0.02	mg/kg	U	547	547		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	91-20-3	Naphthalene	0.02	mg/kg	U	1.9	1.9		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	98-95-3	Nitrobenzene	0.02	mg/kg	U	2.2	4.9		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	62-75-9	N-Nitrosodimethylamine	0.099	mg/kg	U	0.0019	0.0019		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	621-64-7	N-Nitrosodi-n-propylamine	0.099	mg/kg	U	0.075	0.075		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	86-30-6	N-Nitrosodiphenylamine	0.02	mg/kg	U	0.55	106		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	87-86-5	Pentachlorophenol	0.099	mg/kg	U	0.96	1		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	85-01-8	Phenanthrene	0.18	mg/kg		29	1728		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	108-95-2	Phenol	0.02	mg/kg	U	0.79	1824		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	8270D	129-00-0	Pyrene	1.2	mg/kg		1.1	173		
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.82417	mg/kg					
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	6.051	mg/kg		1.1			
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.279	mg/kg		29			

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL01USE	723646.363	7834881.842	4/10/2007	0.5 - 0.5	SO	N	070410BIL01SS	Tot_Aroclor_Calc	PCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.0799	mg/kg		0.0073	0.23		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8081 Pest	72-54-8	4,4'-DDD	0.0034	mg/kg	U	0.021	2.2		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8081 Pest	72-55-9	4,4'-DDE	0.0094	mg/kg	U	0.021	1.8		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8081 Pest	50-29-3	4,4'-DDT	0.0034	mg/kg	U	0.021	1.8		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8081 Pest	309-00-2	Aldrin	0.0017	mg/kg	U	0.000085	0.031		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8081 Pest	319-84-6	alpha-BHC	0.0017	mg/kg	U	0.0096	0.083		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8081 Pest	5103-71-9	alpha-Chlordane	0.0017	mg/kg	U	0.27	1.7		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8081 Pest	319-85-7	beta-BHC	0.0017	mg/kg	U	0.0096	0.086		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8081 Pest	319-86-8	delta-BHC	0.0017	mg/kg	U	0.0096	0.083		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8081 Pest	60-57-1	Dieldrin	0.0034	mg/kg	U	0.0049	0.033		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8081 Pest	959-98-8	Endosulfan I	0.0035	mg/kg	U	0.64	45		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8081 Pest	33213-65-9	Endosulfan II	0.0049	mg/kg	U	0.64	45		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.0034	mg/kg	U	0.64	36		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8081 Pest	72-20-8	Endrin	0.0034	mg/kg	U	0.0014	1.8		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8081 Pest	7421-93-4	Endrin aldehyde	0.013	mg/kg	U	0.0014	1.8		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8081 Pest	53494-70-5	Endrin ketone	0.0034	mg/kg	U	0.0014	1.8		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.0017	mg/kg	U	0.0096	0.49		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8081 Pest	5103-74-2	gamma-Chlordane	0.011	mg/kg	U	0.27	1.7		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8081 Pest	76-44-8	Heptachlor	0.0017	mg/kg	U	0.0016	0.11		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.0032	mg/kg	U	0.00015	0.055		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8081 Pest	72-43-5	Methoxychlor	0.017	mg/kg	U	5.1	31		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8081 Pest	8001-35-2	Toxaphene	0.034	mg/kg	U	0.47	0.47		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8151	93-76-5	2,4,5-T	0.0031	mg/kg	U	60	60		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8151	93-72-1	2,4,5-TP (Silvex)	0.0029	mg/kg	U	0.055	49		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8151	94-75-7	2,4-D	0.021	mg/kg	U	67	67		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8151	94-82-6	2,4-DB	0.01	mg/kg	U				
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.087	mg/kg	U				
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8151	75-99-0	Dalapon	0.041	mg/kg	U	182	182		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8151	1918-00-9	Dicamba	0.0021	mg/kg	U	182	182		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8151	88-85-7	Dinoseb	0.01	mg/kg	U	0.015	6		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8151	94-74-6	MCPA	1.4	mg/kg	U	3.1	3.1		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8151	93-65-2	MCPP	14	mg/kg		6	6		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.0021	mg/kg	U	0.07	1.9		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	71-55-6	1,1,1-Trichloroethane	0.0021	mg/kg	U	260	778		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.0021	mg/kg	U	0.13	0.58		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	79-00-5	1,1,2-Trichloroethane	0.0021	mg/kg	U	0.14	0.14		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	75-34-3	1,1-Dichloroethane	0.0021	mg/kg	U	3.5	3.5		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	75-35-4	1,1-Dichloroethene	0.0021	mg/kg	U	11	22		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	563-58-6	1,1-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.0052	mg/kg	U	6	6		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	96-18-4	1,2,3-Trichloropropane	0.0021	mg/kg	U	0.0049	0.0049		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	120-82-1	1,2,4-Trichlorobenzene	0.0052	mg/kg	U	0.27	5.6		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.0021	mg/kg	U	0.09	29		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.0052	mg/kg	U	0.0051	0.0051		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.0021	mg/kg	U	0.035	0.035		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	95-50-1	1,2-Dichlorobenzene	0.0021	mg/kg	U	0.92	173		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	107-06-2	1,2-Dichloroethane	0.0021	mg/kg	U	0.44	0.44		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	78-87-5	1,2-Dichloropropane	0.0021	mg/kg	U	0.28	1.5		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.0021	mg/kg	U	0.16	26		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	541-73-1	1,3-Dichlorobenzene	0.0021	mg/kg	U	0.74	2.5		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	142-28-9	1,3-Dichloropropane	0.0021	mg/kg	U	0.28	154		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	106-46-7	1,4-Dichlorobenzene	0.0021	mg/kg	U	0.89	2.5		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	594-20-7	2,2-Dichloropropane	0.0021	mg/kg	U	0.28	1.5		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	95-49-8	2-Chlorotoluene	0.0021	mg/kg	U	154	154		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	591-78-6	2-Hexanone	0.01	mg/kg	U	0.36	19		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	106-43-4	4-Chlorotoluene	0.0021	mg/kg	U	154	154		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	67-64-1	Acetone	0.01	mg/kg	U	1.2	6720		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	71-43-2	Benzene	0.0021	mg/kg	U	1.2	1.2		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	108-86-1	Bromobenzene	0.0021	mg/kg	U	28	28		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	74-97-5	Bromochloromethane	0.0021	mg/kg	U	3.4	3.4		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	75-27-4	Bromodichloromethane	0.0021	mg/kg	U	0.28	0.28		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	75-25-2	Bromoform	0.0021	mg/kg	U	0.07	18		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	74-83-9	Bromomethane	0.0052	mg/kg	U	0.002	0.65		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	75-15-0	Carbon disulfide	0.01	mg/kg	U	0.81	74		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	56-23-5	Carbon tetrachloride	0.0021	mg/kg	U	0.62	0.62		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	108-90-7	Chlorobenzene	0.0021	mg/kg	U	2.4	27		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	75-00-3	Chloroethane	0.0021	mg/kg	U	518	518		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	67-66-3	Chloroform	0.0021	mg/kg	U	0.31	0.31		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	74-87-3	Chloromethane	0.0052	mg/kg	U	11	11		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	156-59-2	cis-1,2-Dichloroethene	0.0021	mg/kg	U	6	6		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	124-48-1	Dibromochloromethane	0.0021	mg/kg	U	3.7	3.7		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	74-95-3	Dibromomethane	0.0021	mg/kg	U	2.304	2.3		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	75-71-8	Dichlorodifluoromethane	0.0021	mg/kg	U	8.4	8.4		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	100-41-4	Ethylbenzene	0.0021	mg/kg	U	0.27	5.6		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	87-68-3	Hexachlorobutadiene	0.0052	mg/kg	U	0.009	1.2		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	98-82-8	Isopropylbenzene	0.0021	mg/kg	U	0.04	182		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	179601-23-1	m,p-Xylene	0.0021	mg/kg	U	1.4	53		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	78-93-3	MEK (2-Butanone)	0.01	mg/kg	U	350	2592		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	75-09-2	Methylene chloride	0.01	mg/kg	U	2.6	34		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	0.01	mg/kg	U	9.7	3168		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	91-20-3	Naphthalene	0.0052	mg/kg	U	1.9	1.9		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	104-51-8	n-Butylbenzene	0.0021	mg/kg	U	374	374		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	103-65-1	n-Propylbenzene	0.0021	mg/kg	U	365	365		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	95-47-6	o-Xylene	0.0021	mg/kg	U	1.4	61		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	99-87-6	p-Cymene	0.0021	mg/kg	U	0.18	182		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	135-98-8	sec-Butylbenzene	0.0052	mg/kg	U	749	749		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	100-42-5	Styrene	0.0021	mg/kg	U	1.2	576		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	98-06-6	tert-Butylbenzene	0.0021	mg/kg	U	749	749		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	127-18-4	Tetrachloroethene	0.0021	mg/kg	U	0.18	7.8		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	108-88-3	Toluene	0.0021	mg/kg	U	23	470		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	156-60-5	trans-1,2-Dichloroethene	0.0021	mg/kg	U	6.7	6.7		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	79-01-6	Trichloroethene	0.0021	mg/kg	U	0.39	0.39		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	75-69-4	Trichlorofluoromethane	0.0021	mg/kg	U	52	2208		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	108-05-4	Vinyl acetate	0.01	mg/kg	U	87	87		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8260	75-01-4	Vinyl chloride	0.0021	mg/kg	U	0.057	0.057		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	95-95-4	2,4,5-Trichlorophenol	0.86	mg/kg	U	4	605		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	88-06-2	2,4,6-Trichlorophenol	0.17	mg/kg	U	6	6		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	120-83-2	2,4-Dichlorophenol	0.17	mg/kg	U	0.05	18		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	105-67-9	2,4-Dimethylphenol	0.17	mg/kg	U	0.04	125		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	51-28-5	2,4-Dinitrophenol	0.86	mg/kg	U	0.061	12		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	121-14-2	2,4-Dinitrotoluene	0.17	mg/kg	U	1.6	1.6		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	606-20-2	2,6-Dinitrotoluene	0.17	mg/kg	U	0.3456	0.35		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	91-58-7	2-Chloronaphthalene	0.17	mg/kg	U	461	461		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	95-57-8	2-Chlorophenol	0.17	mg/kg	U	0.39	37		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	91-57-6	2-Methylnaphthalene	0.17	mg/kg	U	23	23		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	95-48-7	2-Methylphenol	0.17	mg/kg	U	0.67	307		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	88-74-4	2-Nitroaniline	0.86	mg/kg	U	5.3	60		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	88-75-5	2-Nitrophenol	0.17	mg/kg	U	5.1	1824		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	91-94-1	3,3'-Dichlorobenzidine	0.34	mg/kg	U	0.03	1.2		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	99-09-2	3-Nitroaniline	0.86	mg/kg	U	0.02	60		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.86	mg/kg	U	0.49	0.49		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.17	mg/kg	U				
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	59-50-7	4-Chloro-3-methylphenol	0.17	mg/kg	U	605	605		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	106-47-8	4-Chloroaniline	0.17	mg/kg	U	1	2.6		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.17	mg/kg	U				
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	106-44-5	4-Methylphenol	0.17	mg/kg	U	0.08	125		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	100-01-6	4-Nitroaniline	0.86	mg/kg	U	0.02	24		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	100-02-7	4-Nitrophenol	0.86	mg/kg	U	5.1	1824		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	83-32-9	Acenaphthene	0.042	mg/kg	J	29	346		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	208-96-8	Acenaphthylene	0.17	mg/kg	U	1.9	1.9		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	62-53-3	Aniline	0.17	mg/kg	U	42	42		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	120-12-7	Anthracene	0.018	mg/kg	J	29	1728		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	92-87-5	Benzidine	1.7	mg/kg	U	0.00051	0.00051		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	56-55-3	Benzo(a)anthracene	0.13	mg/kg	J	1.1	1.1		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	50-32-8	Benzo(a)pyrene	0.16	mg/kg	J	0.11	0.11		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	205-99-2	Benzo(b)fluoranthene	0.17	mg/kg	J	1.1	1.1		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	191-24-2	Benzo(g,h,i)perylene	0.15	mg/kg	J	1.1	173		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	207-08-9	Benzo(k)fluoranthene	0.1	mg/kg	J	1.1	11		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	65-85-0	Benzoic acid	0.86	mg/kg	U	1	24000		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	100-51-6	Benzyl alcohol	0.17	mg/kg	U	120	605		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.17	mg/kg	U	18	18		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.17	mg/kg	U	0.22	0.22		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	0.43	mg/kg		0.02	37		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.17	mg/kg	U	298	298		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	85-68-7	Butyl benzylphthalate	0.17	mg/kg	U	90	278		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	86-74-8	Carbazole	0.17	mg/kg	U	7.5	7.5		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	218-01-9	Chrysene	0.16	mg/kg	J	1.1	106		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	53-70-3	Dibenzo(a,h)anthracene	0.17	mg/kg	U	0.1056	0.11		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	132-64-9	Dibenzofuran	0.17	mg/kg	U	6.1	7.5		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	84-66-2	Diethyl phthalate	0.17	mg/kg	U	100	4896		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	131-11-3	Dimethyl phthalate	0.17	mg/kg	U	10	37		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	84-74-2	Di-n-butylphthalate	0.17	mg/kg	U	0.011	605		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	117-84-0	Di-n-octylphthalate	0.17	mg/kg	U	0.91	60		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	206-44-0	Fluoranthene	0.16	mg/kg	J	1.1	230		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	86-73-7	Fluorene	0.17	mg/kg	U	29	230		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	118-74-1	Hexachlorobenzene	0.17	mg/kg	U	0.075	0.075		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	77-47-4	Hexachlorocyclopentadiene	0.17	mg/kg	U	0.001	0.17		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	67-72-1	Hexachloroethane	0.17	mg/kg	U	0.024	1.7		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	0.13	mg/kg	J	1.1	1.1		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	78-59-1	Isophorone	0.17	mg/kg	U	547	547		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	98-95-3	Nitrobenzene	0.17	mg/kg	U	2.2	4.9		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	62-75-9	N-Nitrosodimethylamine	0.17	mg/kg	U	0.0019	0.0019		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.17	mg/kg	U	0.075	0.075		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	86-30-6	N-Nitrosodiphenylamine	0.17	mg/kg	U	0.55	106		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	87-86-5	Pentachlorophenol	0.86	mg/kg	U	0.96	1		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	85-01-8	Phenanthrene	0.068	mg/kg	J	29	1728		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	108-95-2	Phenol	0.17	mg/kg	U	0.79	1824		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	8270	129-00-0	Pyrene	0.21	mg/kg		1.1	173		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	############	mg/kg					
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	1.511	mg/kg		1.1			
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.25602	mg/kg		29			
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	METALS	7440-36-0	Antimony	2.7	mg/kg	U	0.27	3		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	METALS	7440-38-2	Arsenic	1.5	mg/kg		0.43	0.43		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	METALS	7440-39-3	Barium	71.1	mg/kg		330	1440		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	METALS	7440-41-7	Beryllium	0.27	mg/kg	U	15	15		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	METALS	7440-43-9	Cadmium	0.27	mg/kg	U	0.36	0.68		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	METALS	7440-47-3	Chromium	15.8	mg/kg		0.29	0.29		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	METALS	7440-50-8	Copper	39.3	mg/kg		28	298		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	METALS	7439-89-6	Iron	22900	mg/kg		5280	5280		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	METALS	7439-92-1	Lead	153	mg/kg		11	192		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	METALS	7439-96-5	Manganese	270	mg/kg		173	173		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	METALS	7439-97-6	Mercury	0.11	mg/kg	U	0.013	1.1		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	METALS	7440-02-0	Nickel	18	mg/kg		38	134		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	METALS	7782-49-2	Selenium	0.27	mg/kg	U	0.52	37		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	METALS	7440-22-4	Silver	0.53	mg/kg	U	4.2	37		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	METALS	7440-28-0	Thallium	0.27	mg/kg	U	0.05	0.075		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	METALS	7440-66-6	Zinc	98	mg/kg		46	2208		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	NWTPH_HCID	TPH-G	Gasoline Range Organics	20	mg/kg	U	120	1200		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	NWTPH-Dx	TPH-D	Diesel Range Organics	110	mg/kg		260	1100		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	NWTPH-Dx	MOIL	Residual Range Organics	1400	mg/kg		260	2800		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	PCBS	12674-11-2	Aroclor-1016	0.034	mg/kg	UJ	0.041	0.1		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	PCBS	11104-28-2	Aroclor-1221	0.034	mg/kg	UJ	0.041	0.19		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	PCBS	11141-16-5	Aroclor-1232	0.034	mg/kg	UJ	0.041	0.16		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	PCBS	53469-21-9	Aroclor-1242	0.034	mg/kg	UJ	0.041	0.22		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	PCBS	12672-29-6	Aroclor-1248	0.034	mg/kg	UJ	0.041	0.22		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	PCBS	11097-69-1	Aroclor-1254	0.034	mg/kg	UJ	0.029	0.029		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	PCBS	11096-82-5	Aroclor-1260	0.42	mg/kg	J	0.041	0.23		
BIL02SSI	723518.903	7834880.957	9/20/1999	0 - 0.5	SO	N	990920BIL02SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.488	mg/kg		0.0073	0.23		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8082	12674-11-2	Aroclor-1016	0.0013	mg/kg	U	0.041	0.1		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8082	11104-28-2	Aroclor-1221	0.00555	mg/kg	U	0.041	0.19		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8082	11141-16-5	Aroclor-1232	0.00443	mg/kg	U	0.041	0.16		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8082	53469-21-9	Aroclor-1242	0.00237	mg/kg	U	0.041	0.22		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8082	12672-29-6	Aroclor-1248	0.00589	mg/kg	U	0.041	0.22		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8082	11097-69-1	Aroclor-1254	0.00184	mg/kg	U	0.029	0.029		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8082	11096-82-5	Aroclor-1260	0.0222	mg/kg		0.041	0.23		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.000226	mg/kg	U	0.07	1.9		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	71-55-6	1,1,1-Trichloroethane	0.000226	mg/kg	U	260	778		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000226	mg/kg	U	0.13	0.58		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	79-00-5	1,1,2-Trichloroethane	0.000226	mg/kg	U	0.14	0.14		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	75-34-3	1,1-Dichloroethane	0.000226	mg/kg	U	3.5	3.5		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	75-35-4	1,1-Dichloroethene	0.000226	mg/kg	U	11	22		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	563-58-6	1,1-Dichloropropene	0.000226	mg/kg	U	0.001	1.7		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	87-61-6	1,2,3-Trichlorobenzene	0.000226	mg/kg	U	6	6		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	96-18-4	1,2,3-Trichloropropane	0.000226	mg/kg	U	0.0049	0.0049		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	120-82-1	1,2,4-Trichlorobenzene	0.000226	mg/kg	UJ	0.27	5.6		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	95-63-6	1,2,4-Trimethylbenzene	0.000226	mg/kg	U	0.09	29		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.000226	mg/kg	U	0.0051	0.0051		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.000226	mg/kg	U	0.035	0.035		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	95-50-1	1,2-Dichlorobenzene	0.000226	mg/kg	U	0.92	173		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	107-06-2	1,2-Dichloroethane	0.000226	mg/kg	U	0.44	0.44		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	78-87-5	1,2-Dichloropropane	0.000226	mg/kg	U	0.28	1.5		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000226	mg/kg	U	0.16	26		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	541-73-1	1,3-Dichlorobenzene	0.000226	mg/kg	U	0.74	2.5		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	142-28-9	1,3-Dichloropropane	0.000226	mg/kg	U	0.28	154		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	106-46-7	1,4-Dichlorobenzene	0.000226	mg/kg	U	0.89	2.5		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	594-20-7	2,2-Dichloropropane	0.000226	mg/kg	U	0.28	1.5		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	95-49-8	2-Chlorotoluene	0.000226	mg/kg	U	154	154		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	591-78-6	2-Hexanone	0.00113	mg/kg	U	0.36	19		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	106-43-4	4-Chlorotoluene	0.000226	mg/kg	U	154	154		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	67-64-1	Acetone	0.00113	mg/kg	UJ	1.2	6720		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	71-43-2	Benzene	0.000226	mg/kg	U	1.2	1.2		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	108-86-1	Bromobenzene	0.000226	mg/kg	U	28	28		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	74-97-5	Bromochloromethane	0.000226	mg/kg	U	3.4	3.4		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	75-27-4	Bromodichloromethane	0.000226	mg/kg	U	0.28	0.28		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	75-25-2	Bromoform	0.000226	mg/kg	U	0.07	18		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	74-83-9	Bromomethane	0.000226	mg/kg	UJ	0.002	0.65		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	75-15-0	Carbon disulfide	0.000226	mg/kg	U	0.81	74		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	56-23-5	Carbon tetrachloride	0.000226	mg/kg	U	0.62	0.62		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	108-90-7	Chlorobenzene	0.000226	mg/kg	U	2.4	27		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	75-00-3	Chloroethane	0.000226	mg/kg	U	518	518		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	67-66-3	Chloroform	0.000226	mg/kg	U	0.31	0.31		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	74-87-3	Chloromethane	0.000226	mg/kg	U	11	11		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	156-59-2	cis-1,2-Dichloroethene	0.000226	mg/kg	U	6	6		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000226	mg/kg	U	0.001	1.7		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	124-48-1	Dibromochloromethane	0.000226	mg/kg	U	3.7	3.7		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	74-95-3	Dibromomethane	0.000226	mg/kg	U	2.304	2.3		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	75-71-8	Dichlorodifluoromethane	0.000226	mg/kg	U	8.4	8.4		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	100-41-4	Ethylbenzene	0.000226	mg/kg	U	0.27	5.6		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	87-68-3	Hexachlorobutadiene	0.000226	mg/kg	U	0.009	1.2		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	98-82-8	Isopropylbenzene	0.000226	mg/kg	U	0.04	182		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	179601-23-1	m,p-Xylene	0.000452	mg/kg	U	1.4	53		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	78-93-3	MEK (2-Butanone)	0.00113	mg/kg	U	350	2592		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	75-09-2	Methylene chloride	0.00248	mg/kg	U	2.6	34		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00113	mg/kg	U	9.7	3168		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	104-51-8	n-Butylbenzene	0.000226	mg/kg	U	374	374		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	103-65-1	n-Propylbenzene	0.000226	mg/kg	U	365	365		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	95-47-6	o-Xylene	0.000226	mg/kg	U	1.4	61		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	99-87-6	p-Cymene	0.000226	mg/kg	U	0.18	182		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	135-98-8	sec-Butylbenzene	0.000226	mg/kg	U	749	749		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	100-42-5	Styrene	0.000226	mg/kg	U	1.2	576		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	98-06-6	tert-Butylbenzene	0.000226	mg/kg	U	749	749		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	127-18-4	Tetrachloroethene	0.00373	mg/kg		0.18	7.8		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	108-88-3	Toluene	0.00076	mg/kg		23	470		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	156-60-5	trans-1,2-Dichloroethene	0.000226	mg/kg	U	6.7	6.7		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	10061-02-6	trans-1,3-Dichloropropene	0.000226	mg/kg	U	0.001	1.7		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	79-01-6	Trichloroethene	0.000226	mg/kg	U	0.39	0.39		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	75-69-4	Trichlorofluoromethane	0.000226	mg/kg	U	52	2208		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	108-05-4	Vinyl acetate	0.00113	mg/kg	UJ	87	87		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8260B	75-01-4	Vinyl chloride	0.000226	mg/kg	U	0.057	0.057		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	95-95-4	2,4,5-Trichlorophenol	0.0281	mg/kg	U	4	605		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	88-06-2	2,4,6-Trichlorophenol	0.0208	mg/kg	U	6	6		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	120-83-2	2,4-Dichlorophenol	0.0172	mg/kg	U	0.05	18		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	105-67-9	2,4-Dimethylphenol	0.0172	mg/kg	U	0.04	125		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	121-14-2	2,4-Dinitrotoluene	0.0203	mg/kg	U	1.6	1.6		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	606-20-2	2,6-Dinitrotoluene	0.0281	mg/kg	U	0.3456	0.35		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	91-58-7	2-Chloronaphthalene	0.00469	mg/kg	U	461	461		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	95-57-8	2-Chlorophenol	0.0234	mg/kg	U	0.39	37		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	91-57-6	2-Methylnaphthalene	0.0203	mg/kg		23	23		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	95-48-7	2-Methylphenol	0.0188	mg/kg	U	0.67	307		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	88-74-4	2-Nitroaniline	0.0203	mg/kg	U	5.3	60		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	88-75-5	2-Nitrophenol	0.0219	mg/kg	U	5.1	1824		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	91-94-1	3,3'-Dichlorobenzidine	0.0172	mg/kg	U	0.03	1.2		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	99-09-2	3-Nitroaniline	0.0266	mg/kg	U	0.02	60		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0208	mg/kg	U				
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	59-50-7	4-Chloro-3-methylphenol	0.0172	mg/kg	U	605	605		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	106-47-8	4-Chloroaniline	0.0145	mg/kg	U	1	2.6		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.0263	mg/kg	U				
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	106-44-5	4-Methylphenol	0.0231	mg/kg	U	0.08	125		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	100-01-6	4-Nitroaniline	0.0266	mg/kg	U	0.02	24		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	100-02-7	4-Nitrophenol	0.0297	mg/kg	UJ	5.1	1824		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	83-32-9	Acenaphthene	0.616	mg/kg		29	346		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	208-96-8	Acenaphthylene	0.0203	mg/kg		1.9	1.9		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	62-53-3	Aniline	0.156	mg/kg	U	42	42		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	120-12-7	Anthracene	1.81	mg/kg		29	1728		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	92-87-5	Benzidine	0.0295	mg/kg	UJ	0.00051	0.00051		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	56-55-3	Benzo(a)anthracene	8.75	mg/kg		1.1	1.1		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	50-32-8	Benzo(a)pyrene	8.13	mg/kg		0.11	0.11		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	191-24-2	Benzo(g,h,i)perylene	4.38	mg/kg		1.1	173		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	56832-73-6	Benzofluoranthenes, Total	11.1	mg/kg	J				
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	100-51-6	Benzyl alcohol	0.0325	mg/kg	U	120	605		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0188	mg/kg	U	18	18		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0299	mg/kg	U	0.22	0.22		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	3.24	mg/kg	J	0.02	37		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0406	mg/kg	U	298	298		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	85-68-7	Butyl benzylphthalate	0.0672	mg/kg	J	90	278		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	86-74-8	Carbazole	0.577	mg/kg	J	7.5	7.5		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	218-01-9	Chrysene	8.19	mg/kg		1.1	106		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	53-70-3	Dibenzo(a,h)anthracene	0.76	mg/kg		0.1056	0.11		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	132-64-9	Dibenzofuran	0.0891	mg/kg	J	6.1	7.5		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	84-66-2	Diethyl phthalate	0.0266	mg/kg	U	100	4896		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	131-11-3	Dimethyl phthalate	0.0172	mg/kg	U	10	37		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	84-74-2	Di-n-butylphthalate	0.136	mg/kg	U	0.011	605		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	117-84-0	Di-n-octylphthalate	0.0406	mg/kg	UJ	0.91	60		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	206-44-0	Fluoranthene	16.7	mg/kg		1.1	230		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	86-73-7	Fluorene	0.349	mg/kg		29	230		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	118-74-1	Hexachlorobenzene	0.0172	mg/kg	U	0.075	0.075		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	77-47-4	Hexachlorocyclopentadiene	0.022	mg/kg	U	0.001	0.17		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	67-72-1	Hexachloroethane	0.0297	mg/kg	U	0.024	1.7		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	4.24	mg/kg		1.1	1.1		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	78-59-1	Isophorone	0.0219	mg/kg	U	547	547		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	91-20-3	Naphthalene	0.0563	mg/kg		1.9	1.9		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	98-95-3	Nitrobenzene	0.0214	mg/kg	U	2.2	4.9		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0172	mg/kg	U	0.075	0.075		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	87-86-5	Pentachlorophenol	0.0328	mg/kg	U	0.96	1		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	85-01-8	Phenanthrene	4.28	mg/kg		29	1728		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	108-95-2	Phenol	0.0313	mg/kg	U	0.79	1824		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	8270C	129-00-0	Pyrene	20	mg/kg		1.1	173		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	10.19719	mg/kg					
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	71.15	mg/kg		1.1			
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	7.1316	mg/kg		29			
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	Krone	1002-53-5	Dibutyltin	0.00073	mg/kg	U	1.8	1.8		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	Krone	78763-54-9	Monobutyltin	0.00161	mg/kg	U	2.2	2.2		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	Krone	1461-25-2	Tetrabutyltin	0.000564	mg/kg	U	2.2	2.2		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	Krone	688-73-3	Tributyltin	0.00512	mg/kg		2.2	2.2		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	NWTPH-Dx	TPH-D	Diesel Range Organics	154	mg/kg		260	1100		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	NWTPH-Dx	MOIL	Residual Range Organics	676	mg/kg		260	2800		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	NWTPH-Gx	TPH-G	Gasoline Range Organics	5.03	mg/kg	U	120	1200		
BIL02TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL02TPG	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0299	mg/kg		0.0073	0.23		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	200.8	7440-36-0	Antimony	0.2	mg/kg	UJ	0.27	3		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	200.8	7440-38-2	Arsenic	6.1	mg/kg		0.43	0.43		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	200.8	7440-41-7	Beryllium	0.4	mg/kg		15	15		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	200.8	7440-48-4	Cobalt	9.6	mg/kg	J	2.2	2.2		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	200.8	7439-92-1	Lead	147	mg/kg	J	11	192		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	200.8	7440-22-4	Silver	0.3	mg/kg		4.2	37		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	200.8	7440-28-0	Thallium	0.2	mg/kg	U	0.05	0.075		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	200.8	7440-62-2	Vanadium	56.3	mg/kg		7.8	37		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	6010B	7429-90-5	Aluminum	19100	mg/kg	J	50	7392		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	6010B	7440-39-3	Barium	99.3	mg/kg		330	1440		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	6010B	7440-70-2	Calcium	6680	mg/kg					
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	6010B	7440-47-3	Chromium	30.1	mg/kg		0.29	0.29		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	6010B	7440-50-8	Copper	45.7	mg/kg		28	298		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	6010B	7439-89-6	Iron	28000	mg/kg	J	5280	5280		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	6010B	7439-95-4	Magnesium	6160	mg/kg					
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	6010B	7439-96-5	Manganese	408	mg/kg	J	173	173		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	6010B	7440-02-0	Nickel	21	mg/kg		38	134		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	6010B	7440-09-7	Potassium	1220	mg/kg					
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	6010B	7440-23-5	Sodium	570	mg/kg					
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	6010B	7440-66-6	Zinc	143	mg/kg		46	2208		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	7131A	7440-43-9	Cadmium	0.66	mg/kg		0.36	0.68		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	7471A	7439-97-6	Mercury	0.29	mg/kg		0.013	1.1		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	7740	7782-49-2	Selenium	0.2	mg/kg	U	0.52	37		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8081A	72-54-8	4,4'-DDD	0.002	mg/kg	U	0.021	2.2		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8081A	72-55-9	4,4'-DDE	0.002	mg/kg	U	0.021	1.8		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8081A	50-29-3	4,4'-DDT	0.014	mg/kg		0.021	1.8		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8081A	309-00-2	Aldrin	0.00098	mg/kg	U	0.000085	0.031		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8081A	319-84-6	alpha-BHC	0.00098	mg/kg	U	0.0096	0.083		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8081A	5103-71-9	alpha-Chlordane	0.0024	mg/kg	U	0.27	1.7		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8081A	319-85-7	beta-BHC	0.00098	mg/kg	U	0.0096	0.086		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8081A	319-86-8	delta-BHC	0.00098	mg/kg	U	0.0096	0.083		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8081A	60-57-1	Dieldrin	0.002	mg/kg	U	0.0049	0.033		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8081A	959-98-8	Endosulfan I	0.00098	mg/kg	U	0.64	45		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8081A	33213-65-9	Endosulfan II	0.002	mg/kg	U	0.64	45		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8081A	1031-07-8	Endosulfan sulfate	0.002	mg/kg	U	0.64	36		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8081A	72-20-8	Endrin	0.002	mg/kg	U	0.0014	1.8		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8081A	7421-93-4	Endrin aldehyde	0.002	mg/kg	U	0.0014	1.8		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8081A	53494-70-5	Endrin ketone	0.0053	mg/kg	U	0.0014	1.8		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8081A	58-89-9	gamma-BHC (Lindane)	0.00098	mg/kg	U	0.0096	0.49		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8081A	5103-74-2	gamma-Chlordane	0.00098	mg/kg	U	0.27	1.7		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8081A	76-44-8	Heptachlor	0.00098	mg/kg	U	0.0016	0.11		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8081A	1024-57-3	Heptachlor epoxide	0.00098	mg/kg	U	0.00015	0.055		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8081A	72-43-5	Methoxychlor	0.0098	mg/kg	U	5.1	31		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8081A	8001-35-2	Toxaphene	0.098	mg/kg	U	0.47	0.47		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8082	12674-11-2	Aroclor-1016	0.0039	mg/kg	U	0.041	0.1		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8082	11104-28-2	Aroclor-1221	0.0039	mg/kg	U	0.041	0.19		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8082	11141-16-5	Aroclor-1232	0.0039	mg/kg	U	0.041	0.16		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8082	53469-21-9	Aroclor-1242	0.0039	mg/kg	U	0.041	0.22		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8082	12672-29-6	Aroclor-1248	0.0039	mg/kg	U	0.041	0.22		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8082	11097-69-1	Aroclor-1254	0.027	mg/kg		0.029	0.029		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8082	11096-82-5	Aroclor-1260	0.024	mg/kg		0.041	0.23		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	120-82-1	1,2,4-Trichlorobenzene	0.02	mg/kg	U	0.27	5.6		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	95-50-1	1,2-Dichlorobenzene	0.02	mg/kg	U	0.92	173		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	541-73-1	1,3-Dichlorobenzene	0.02	mg/kg	U	0.74	2.5		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	106-46-7	1,4-Dichlorobenzene	0.02	mg/kg	U	0.89	2.5		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	95-95-4	2,4,5-Trichlorophenol	0.098	mg/kg	U	4	605		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	88-06-2	2,4,6-Trichlorophenol	0.098	mg/kg	U	6	6		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	120-83-2	2,4-Dichlorophenol	0.098	mg/kg	U	0.05	18		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	105-67-9	2,4-Dimethylphenol	0.02	mg/kg	U	0.04	125		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	51-28-5	2,4-Dinitrophenol	0.2	mg/kg	U	0.061	12		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	121-14-2	2,4-Dinitrotoluene	0.098	mg/kg	U	1.6	1.6		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	606-20-2	2,6-Dinitrotoluene	0.098	mg/kg	U	0.3456	0.35		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	91-58-7	2-Chloronaphthalene	0.02	mg/kg	U	461	461		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	95-57-8	2-Chlorophenol	0.02	mg/kg	U	0.39	37		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	91-57-6	2-Methylnaphthalene	0.02	mg/kg	U	23	23		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	95-48-7	2-Methylphenol	0.02	mg/kg	U	0.67	307		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	88-74-4	2-Nitroaniline	0.098	mg/kg	U	5.3	60		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	88-75-5	2-Nitrophenol	0.098	mg/kg	U	5.1	1824		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	91-94-1	3,3'-Dichlorobenzidine	0.098	mg/kg	U	0.03	1.2		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	99-09-2	3-Nitroaniline	0.098	mg/kg	U	0.02	60		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.2	mg/kg	U	0.49	0.49		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	101-55-3	4-Bromophenyl phenyl ether	0.02	mg/kg	U				
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	59-50-7	4-Chloro-3-methylphenol	0.098	mg/kg	U	605	605		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	106-47-8	4-Chloroaniline	0.098	mg/kg	U	1	2.6		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.02	mg/kg	U				
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	106-44-5	4-Methylphenol	0.02	mg/kg	U	0.08	125		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	100-01-6	4-Nitroaniline	0.098	mg/kg	U	0.02	24		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	100-02-7	4-Nitrophenol	0.098	mg/kg	U	5.1	1824		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	83-32-9	Acenaphthene	0.023	mg/kg		29	346		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	208-96-8	Acenaphthylene	0.02	mg/kg	U	1.9	1.9		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	120-12-7	Anthracene	0.065	mg/kg		29	1728		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	56-55-3	Benzo(a)anthracene	0.96	mg/kg		1.1	1.1		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	50-32-8	Benzo(a)pyrene	1.2	mg/kg		0.11	0.11		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	205-99-2	Benzo(b)fluoranthene	1.2	mg/kg		1.1	1.1		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	191-24-2	Benzo(g,h,i)perylene	0.53	mg/kg		1.1	173		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	207-08-9	Benzo(k)fluoranthene	1.1	mg/kg		1.1	11		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	65-85-0	Benzoic acid	0.2	mg/kg	U	1	24000		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	100-51-6	Benzyl alcohol	0.02	mg/kg	U	120	605		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	111-91-1	Bis (2-chloroethoxy) methane	0.02	mg/kg	U	18	18		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	111-44-4	Bis (2-chloroethyl) ether	0.02	mg/kg	U	0.22	0.22		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.14	mg/kg		0.02	37		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	39638-32-9	bis(2-Chloroisopropyl) ether	0.02	mg/kg	U	298	298		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	85-68-7	Butyl benzylphthalate	0.02	mg/kg	U	90	278		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	86-74-8	Carbazole	0.021	mg/kg		7.5	7.5		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	218-01-9	Chrysene	1.2	mg/kg		1.1	106		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	53-70-3	Dibenzo(a,h)anthracene	0.15	mg/kg		0.1056	0.11		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	132-64-9	Dibenzofuran	0.02	mg/kg	U	6.1	7.5		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	84-66-2	Diethyl phthalate	0.02	mg/kg	U	100	4896		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	131-11-3	Dimethyl phthalate	0.02	mg/kg	U	10	37		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	84-74-2	Di-n-butylphthalate	0.02	mg/kg	U	0.011	605		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	117-84-0	Di-n-octylphthalate	0.02	mg/kg	U	0.91	60		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	206-44-0	Fluoranthene	2.1	mg/kg		1.1	230		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	86-73-7	Fluorene	0.012	mg/kg	J	29	230		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	118-74-1	Hexachlorobenzene	0.02	mg/kg	U	0.075	0.075		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	87-68-3	Hexachlorobutadiene	0.02	mg/kg	U	0.009	1.2		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	77-47-4	Hexachlorocyclopentadiene	0.098	mg/kg	U	0.001	0.17		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	67-72-1	Hexachloroethane	0.02	mg/kg	U	0.024	1.7		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.51	mg/kg		1.1	1.1		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	78-59-1	Isophorone	0.02	mg/kg	U	547	547		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	91-20-3	Naphthalene	0.02	mg/kg	U	1.9	1.9		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	98-95-3	Nitrobenzene	0.02	mg/kg	U	2.2	4.9		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	62-75-9	N-Nitrosodimethylamine	0.098	mg/kg	U	0.0019	0.0019		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	621-64-7	N-Nitrosodi-n-propylamine	0.098	mg/kg	U	0.075	0.075		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	86-30-6	N-Nitrosodiphenylamine	0.02	mg/kg	U	0.55	106		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	87-86-5	Pentachlorophenol	0.098	mg/kg	U	0.96	1		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	85-01-8	Phenanthrene	0.3	mg/kg		29	1728		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	108-95-2	Phenol	0.02	mg/kg	U	0.79	1824		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	8270D	129-00-0	Pyrene	2.4	mg/kg		1.1	173		
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	1.6292	mg/kg					
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	11.35	mg/kg		1.1			

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.424	mg/kg		29			
BIL02USE	723658.786	7834891.029	4/10/2007	0.5 - 0.5	SO	N	070410BIL02SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0549	mg/kg		0.0073	0.23		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8081 Pest	72-54-8	4,4'-DDD	0.0061	mg/kg	U	0.021	2.2		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8081 Pest	72-55-9	4,4'-DDE	0.0035	mg/kg	U	0.021	1.8		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8081 Pest	50-29-3	4,4'-DDT	0.0048	mg/kg	U	0.021	1.8		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8081 Pest	309-00-2	Aldrin	0.0018	mg/kg	U	0.000085	0.031		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8081 Pest	319-84-6	alpha-BHC	0.0018	mg/kg	U	0.0096	0.083		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8081 Pest	5103-71-9	alpha-Chlordane	0.0021	mg/kg	U	0.27	1.7		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8081 Pest	319-85-7	beta-BHC	0.0018	mg/kg	U	0.0096	0.086		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8081 Pest	319-86-8	delta-BHC	0.0018	mg/kg	U	0.0096	0.083		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8081 Pest	60-57-1	Dieldrin	0.0035	mg/kg	U	0.0049	0.033		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8081 Pest	959-98-8	Endosulfan I	0.0018	mg/kg	U	0.64	45		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8081 Pest	33213-65-9	Endosulfan II	0.0035	mg/kg	U	0.64	45		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.0035	mg/kg	U	0.64	36		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8081 Pest	72-20-8	Endrin	0.0035	mg/kg	U	0.0014	1.8		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8081 Pest	7421-93-4	Endrin aldehyde	0.0035	mg/kg	U	0.0014	1.8		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8081 Pest	53494-70-5	Endrin ketone	0.0035	mg/kg	U	0.0014	1.8		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.0018	mg/kg	U	0.0096	0.49		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8081 Pest	5103-74-2	gamma-Chlordane	0.0018	mg/kg	U	0.27	1.7		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8081 Pest	76-44-8	Heptachlor	0.0018	mg/kg	U	0.0016	0.11		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.0018	mg/kg	U	0.00015	0.055		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8081 Pest	72-43-5	Methoxychlor	0.018	mg/kg	U	5.1	31		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8081 Pest	8001-35-2	Toxaphene	0.035	mg/kg	U	0.47	0.47		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8151	93-76-5	2,4,5-T	0.063	mg/kg		60	60		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8151	93-72-1	2,4,5-TP (Silvex)	0.005	mg/kg	U	0.055	49		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8151	94-75-7	2,4-D	0.021	mg/kg	U	67	67		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8151	94-82-6	2,4-DB	0.005	mg/kg	U				
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.26	mg/kg	U				
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8151	75-99-0	Dalapon	0.042	mg/kg	U	182	182		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8151	1918-00-9	Dicamba	0.0021	mg/kg	U	182	182		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8151	88-85-7	Dinoseb	0.015	mg/kg	U	0.015	6		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8151	94-74-6	MCPA	16	mg/kg	U	3.1	3.1		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8151	93-65-2	MCPP	1.1	mg/kg	U	6	6		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.0021	mg/kg	U	0.07	1.9		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	71-55-6	1,1,1-Trichloroethane	0.0021	mg/kg	U	260	778		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.0021	mg/kg	U	0.13	0.58		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	79-00-5	1,1,2-Trichloroethane	0.0021	mg/kg	U	0.14	0.14		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	75-34-3	1,1-Dichloroethane	0.0021	mg/kg	U	3.5	3.5		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	75-35-4	1,1-Dichloroethene	0.0021	mg/kg	U	11	22		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	563-58-6	1,1-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.0053	mg/kg	U	6	6		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	96-18-4	1,2,3-Trichloropropane	0.0021	mg/kg	U	0.0049	0.0049		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	120-82-1	1,2,4-Trichlorobenzene	0.0053	mg/kg	U	0.27	5.6		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.0021	mg/kg	U	0.09	29		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.0053	mg/kg	U	0.0051	0.0051		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.0021	mg/kg	U	0.035	0.035		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	95-50-1	1,2-Dichlorobenzene	0.0021	mg/kg	U	0.92	173		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	107-06-2	1,2-Dichloroethane	0.0021	mg/kg	U	0.44	0.44		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	78-87-5	1,2-Dichloropropane	0.0021	mg/kg	U	0.28	1.5		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.0021	mg/kg	U	0.16	26		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	541-73-1	1,3-Dichlorobenzene	0.0021	mg/kg	U	0.74	2.5		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	142-28-9	1,3-Dichloropropane	0.0021	mg/kg	U	0.28	154		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	106-46-7	1,4-Dichlorobenzene	0.0021	mg/kg	U	0.89	2.5		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	594-20-7	2,2-Dichloropropane	0.0021	mg/kg	U	0.28	1.5		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	95-49-8	2-Chlorotoluene	0.0021	mg/kg	U	154	154		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	591-78-6	2-Hexanone	0.011	mg/kg	U	0.36	19		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	106-43-4	4-Chlorotoluene	0.0021	mg/kg	U	154	154		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	67-64-1	Acetone	0.011	mg/kg	U	1.2	6720		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	71-43-2	Benzene	0.0021	mg/kg	U	1.2	1.2		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	108-86-1	Bromobenzene	0.0021	mg/kg	U	28	28		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	74-97-5	Bromochloromethane	0.0021	mg/kg	U	3.4	3.4		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	75-27-4	Bromodichloromethane	0.0021	mg/kg	U	0.28	0.28		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	75-25-2	Bromoform	0.0021	mg/kg	U	0.07	18		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	74-83-9	Bromomethane	0.0053	mg/kg	U	0.002	0.65		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	75-15-0	Carbon disulfide	0.011	mg/kg	U	0.81	74		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	56-23-5	Carbon tetrachloride	0.0021	mg/kg	U	0.62	0.62		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	108-90-7	Chlorobenzene	0.0021	mg/kg	U	2.4	27		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	75-00-3	Chloroethane	0.0021	mg/kg	U	518	518		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	67-66-3	Chloroform	0.0021	mg/kg	U	0.31	0.31		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	74-87-3	Chloromethane	0.0053	mg/kg	U	11	11		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	156-59-2	cis-1,2-Dichloroethene	0.0021	mg/kg	U	6	6		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	124-48-1	Dibromochloromethane	0.0021	mg/kg	U	3.7	3.7		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	74-95-3	Dibromomethane	0.0021	mg/kg	U	2.304	2.3		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	75-71-8	Dichlorodifluoromethane	0.0021	mg/kg	U	8.4	8.4		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	100-41-4	Ethylbenzene	0.0021	mg/kg	U	0.27	5.6		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	87-68-3	Hexachlorobutadiene	0.0053	mg/kg	U	0.009	1.2		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	98-82-8	Isopropylbenzene	0.0021	mg/kg	U	0.04	182		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	179601-23-1	m,p-Xylene	0.0021	mg/kg	U	1.4	53		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	78-93-3	MEK (2-Butanone)	0.011	mg/kg	U	350	2592		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	75-09-2	Methylene chloride	0.011	mg/kg	U	2.6	34		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	0.011	mg/kg	U	9.7	3168		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	91-20-3	Naphthalene	0.0053	mg/kg	U	1.9	1.9		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	104-51-8	n-Butylbenzene	0.0021	mg/kg	U	374	374		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	103-65-1	n-Propylbenzene	0.0021	mg/kg	U	365	365		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	95-47-6	o-Xylene	0.0021	mg/kg	U	1.4	61		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	99-87-6	p-Cymene	0.0021	mg/kg	U	0.18	182		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	135-98-8	sec-Butylbenzene	0.0053	mg/kg	U	749	749		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	100-42-5	Styrene	0.0021	mg/kg	U	1.2	576		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	98-06-6	tert-Butylbenzene	0.0021	mg/kg	U	749	749		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	127-18-4	Tetrachloroethene	0.015	mg/kg		0.18	7.8		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	108-88-3	Toluene	0.0021	mg/kg	U	23	470		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	156-60-5	trans-1,2-Dichloroethene	0.0021	mg/kg	U	6.7	6.7		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	79-01-6	Trichloroethene	0.0021	mg/kg	U	0.39	0.39		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	75-69-4	Trichlorofluoromethane	0.0021	mg/kg	U	52	2208		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	108-05-4	Vinyl acetate	0.011	mg/kg	U	87	87		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8260	75-01-4	Vinyl chloride	0.0021	mg/kg	U	0.057	0.057		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	95-95-4	2,4,5-Trichlorophenol	0.88	mg/kg	U	4	605		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	88-06-2	2,4,6-Trichlorophenol	0.18	mg/kg	U	6	6		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	120-83-2	2,4-Dichlorophenol	0.18	mg/kg	U	0.05	18		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	105-67-9	2,4-Dimethylphenol	0.18	mg/kg	U	0.04	125		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	51-28-5	2,4-Dinitrophenol	0.88	mg/kg	U	0.061	12		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	121-14-2	2,4-Dinitrotoluene	0.18	mg/kg	U	1.6	1.6		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	606-20-2	2,6-Dinitrotoluene	0.18	mg/kg	U	0.3456	0.35		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	91-58-7	2-Chloronaphthalene	0.18	mg/kg	U	461	461		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	95-57-8	2-Chlorophenol	0.18	mg/kg	U	0.39	37		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	91-57-6	2-Methylnaphthalene	0.18	mg/kg	U	23	23		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	95-48-7	2-Methylphenol	0.18	mg/kg	U	0.67	307		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	88-74-4	2-Nitroaniline	0.88	mg/kg	U	5.3	60		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	88-75-5	2-Nitrophenol	0.18	mg/kg	U	5.1	1824		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	91-94-1	3,3'-Dichlorobenzidine	0.35	mg/kg	U	0.03	1.2		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	99-09-2	3-Nitroaniline	0.88	mg/kg	U	0.02	60		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.88	mg/kg	U	0.49	0.49		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.18	mg/kg	U				
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	59-50-7	4-Chloro-3-methylphenol	0.18	mg/kg	U	605	605		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	106-47-8	4-Chloroaniline	0.18	mg/kg	U	1	2.6		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.18	mg/kg	U				
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	106-44-5	4-Methylphenol	0.18	mg/kg	U	0.08	125		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	100-01-6	4-Nitroaniline	0.88	mg/kg	U	0.02	24		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	100-02-7	4-Nitrophenol	0.88	mg/kg	U	5.1	1824		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	83-32-9	Acenaphthene	0.053	mg/kg	J	29	346		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	208-96-8	Acenaphthylene	0.18	mg/kg	U	1.9	1.9		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	62-53-3	Aniline	0.18	mg/kg	U	42	42		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	120-12-7	Anthracene	0.11	mg/kg	J	29	1728		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	92-87-5	Benzidine	1.8	mg/kg	U	0.00051	0.00051		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	56-55-3	Benzo(a)anthracene	1.6	mg/kg		1.1	1.1		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	50-32-8	Benzo(a)pyrene	1.8	mg/kg		0.11	0.11		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	205-99-2	Benzo(b)fluoranthene	2	mg/kg		1.1	1.1		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	191-24-2	Benzo(g,h,i)perylene	0.79	mg/kg		1.1	173		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	207-08-9	Benzo(k)fluoranthene	1	mg/kg		1.1	11		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	65-85-0	Benzoic acid	0.88	mg/kg	U	1	24000		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	100-51-6	Benzyl alcohol	0.18	mg/kg	U	120	605		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.18	mg/kg	U	18	18		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.18	mg/kg	U	0.22	0.22		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	0.33	mg/kg		0.02	37		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.18	mg/kg	U	298	298		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	85-68-7	Butyl benzylphthalate	0.18	mg/kg	U	90	278		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	86-74-8	Carbazole	0.056	mg/kg	J	7.5	7.5		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	218-01-9	Chrysene	1.6	mg/kg		1.1	106		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	53-70-3	Dibenzo(a,h)anthracene	0.45	mg/kg		0.1056	0.11		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	132-64-9	Dibenzofuran	0.18	mg/kg	U	6.1	7.5		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	84-66-2	Diethyl phthalate	0.18	mg/kg	U	100	4896		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	131-11-3	Dimethyl phthalate	0.18	mg/kg	U	10	37		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	84-74-2	Di-n-butylphthalate	0.18	mg/kg	U	0.011	605		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	117-84-0	Di-n-octylphthalate	0.18	mg/kg	U	0.91	60		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	206-44-0	Fluoranthene	1.6	mg/kg		1.1	230		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	86-73-7	Fluorene	0.047	mg/kg	J	29	230		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	118-74-1	Hexachlorobenzene	0.18	mg/kg	U	0.075	0.075		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	77-47-4	Hexachlorocyclopentadiene	0.18	mg/kg	U	0.001	0.17		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	67-72-1	Hexachloroethane	0.18	mg/kg	U	0.024	1.7		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	0.82	mg/kg		1.1	1.1		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	78-59-1	Isophorone	0.18	mg/kg	U	547	547		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	98-95-3	Nitrobenzene	0.18	mg/kg	U	2.2	4.9		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	62-75-9	N-Nitrosodimethylamine	0.18	mg/kg	U	0.0019	0.0019		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.18	mg/kg	U	0.075	0.075		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	86-30-6	N-Nitrosodiphenylamine	0.18	mg/kg	U	0.55	106		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	87-86-5	Pentachlorophenol	0.88	mg/kg	U	0.96	1		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	85-01-8	Phenanthrene	0.3	mg/kg		29	1728		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	108-95-2	Phenol	0.18	mg/kg	U	0.79	1824		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	8270	129-00-0	Pyrene	1.4	mg/kg		1.1	173		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	2.7036	mg/kg					
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	13.06	mg/kg		1.1			
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.65	mg/kg		29			
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	METALS	7440-36-0	Antimony	2.8	mg/kg	U	0.27	3		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	METALS	7440-38-2	Arsenic	4.9	mg/kg		0.43	0.43		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	METALS	7440-39-3	Barium	77.9	mg/kg		330	1440		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	METALS	7440-41-7	Beryllium	0.28	mg/kg	U	15	15		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	METALS	7440-43-9	Cadmium	0.5	mg/kg		0.36	0.68		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	METALS	7440-47-3	Chromium	14.7	mg/kg		0.29	0.29		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	METALS	7440-50-8	Copper	74.8	mg/kg		28	298		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	METALS	7439-89-6	Iron	16500	mg/kg		5280	5280		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	METALS	7439-92-1	Lead	362	mg/kg		11	192		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	METALS	7439-96-5	Manganese	244	mg/kg		173	173		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	METALS	7439-97-6	Mercury	1.4	mg/kg		0.013	1.1		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	METALS	7440-02-0	Nickel	13.4	mg/kg		38	134		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	METALS	7782-49-2	Selenium	0.27	mg/kg	U	0.52	37		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	METALS	7440-22-4	Silver	0.56	mg/kg	U	4.2	37		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	METALS	7440-28-0	Thallium	0.27	mg/kg	U	0.05	0.075		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	METALS	7440-66-6	Zinc	150	mg/kg		46	2208		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	NWTPH_HCID	TPH-G	Gasoline Range Organics	20	mg/kg	U	120	1200		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	NWTPH-Dx	TPH-D	Diesel Range Organics	80	mg/kg		260	1100		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	NWTPH-Dx	MOIL	Residual Range Organics	380	mg/kg		260	2800		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	PCBS	12674-11-2	Aroclor-1016	0.035	mg/kg	UJ	0.041	0.1		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	PCBS	11104-28-2	Aroclor-1221	0.035	mg/kg	UJ	0.041	0.19		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	PCBS	11141-16-5	Aroclor-1232	0.035	mg/kg	UJ	0.041	0.16		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	PCBS	53469-21-9	Aroclor-1242	0.035	mg/kg	UJ	0.041	0.22		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	PCBS	12672-29-6	Aroclor-1248	0.035	mg/kg	UJ	0.041	0.22		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	PCBS	11097-69-1	Aroclor-1254	0.035	mg/kg	UJ	0.029	0.029		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	PCBS	11096-82-5	Aroclor-1260	0.048	mg/kg	J	0.041	0.23		
BIL03SSI	723528.602	7834906.583	9/20/1999	0 - 0.5	SO	N	990920BIL03SS	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.118	mg/kg		0.0073	0.23		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8082	12674-11-2	Aroclor-1016	0.00135	mg/kg	U	0.041	0.1		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8082	11104-28-2	Aroclor-1221	0.00578	mg/kg	U	0.041	0.19		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8082	11141-16-5	Aroclor-1232	0.00461	mg/kg	U	0.041	0.16		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8082	53469-21-9	Aroclor-1242	0.00247	mg/kg	U	0.041	0.22		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8082	12672-29-6	Aroclor-1248	0.0615	mg/kg		0.041	0.22		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8082	11097-69-1	Aroclor-1254	0.00191	mg/kg	U	0.029	0.029		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8082	11096-82-5	Aroclor-1260	0.0876	mg/kg		0.041	0.23		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.000231	mg/kg	U	0.07	1.9		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	71-55-6	1,1,1-Trichloroethane	0.000231	mg/kg	U	260	778		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000231	mg/kg	U	0.13	0.58		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	79-00-5	1,1,2-Trichloroethane	0.000231	mg/kg	U	0.14	0.14		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	75-34-3	1,1-Dichloroethane	0.000231	mg/kg	U	3.5	3.5		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	75-35-4	1,1-Dichloroethene	0.000231	mg/kg	U	11	22		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	563-58-6	1,1-Dichloropropene	0.000231	mg/kg	U	0.001	1.7		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	87-61-6	1,2,3-Trichlorobenzene	0.000231	mg/kg	U	6	6		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	96-18-4	1,2,3-Trichloropropane	0.000231	mg/kg	U	0.0049	0.0049		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	120-82-1	1,2,4-Trichlorobenzene	0.000231	mg/kg	UJ	0.27	5.6		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	95-63-6	1,2,4-Trimethylbenzene	0.000231	mg/kg	U	0.09	29		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.000231	mg/kg	U	0.0051	0.0051		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.000231	mg/kg	U	0.035	0.035		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	95-50-1	1,2-Dichlorobenzene	0.000231	mg/kg	U	0.92	173		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	107-06-2	1,2-Dichloroethane	0.000231	mg/kg	U	0.44	0.44		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	78-87-5	1,2-Dichloropropane	0.000231	mg/kg	U	0.28	1.5		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000231	mg/kg	U	0.16	26		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	541-73-1	1,3-Dichlorobenzene	0.000231	mg/kg	U	0.74	2.5		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	142-28-9	1,3-Dichloropropane	0.000231	mg/kg	U	0.28	154		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	106-46-7	1,4-Dichlorobenzene	0.000231	mg/kg	U	0.89	2.5		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	594-20-7	2,2-Dichloropropane	0.000231	mg/kg	U	0.28	1.5		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	95-49-8	2-Chlorotoluene	0.000231	mg/kg	U	154	154		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	591-78-6	2-Hexanone	0.00115	mg/kg	U	0.36	19		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	106-43-4	4-Chlorotoluene	0.000231	mg/kg	U	154	154		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	67-64-1	Acetone	0.00115	mg/kg	UJ	1.2	6720		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	71-43-2	Benzene	0.000231	mg/kg	U	1.2	1.2		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	108-86-1	Bromobenzene	0.000231	mg/kg	U	28	28		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	74-97-5	Bromochloromethane	0.000231	mg/kg	U	3.4	3.4		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	75-27-4	Bromodichloromethane	0.000231	mg/kg	U	0.28	0.28		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	75-25-2	Bromoform	0.000231	mg/kg	U	0.07	18		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	74-83-9	Bromomethane	0.000231	mg/kg	UJ	0.002	0.65		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	75-15-0	Carbon disulfide	0.000231	mg/kg	U	0.81	74		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	56-23-5	Carbon tetrachloride	0.000231	mg/kg	U	0.62	0.62		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	108-90-7	Chlorobenzene	0.000231	mg/kg	U	2.4	27		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	75-00-3	Chloroethane	0.000231	mg/kg	U	518	518		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	67-66-3	Chloroform	0.000231	mg/kg	U	0.31	0.31		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	74-87-3	Chloromethane	0.000231	mg/kg	U	11	11		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	156-59-2	cis-1,2-Dichloroethene	0.000231	mg/kg	U	6	6		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000231	mg/kg	U	0.001	1.7		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	124-48-1	Dibromochloromethane	0.000231	mg/kg	U	3.7	3.7		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	74-95-3	Dibromomethane	0.000231	mg/kg	U	2.304	2.3		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	75-71-8	Dichlorodifluoromethane	0.000231	mg/kg	U	8.4	8.4		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	100-41-4	Ethylbenzene	0.000231	mg/kg	U	0.27	5.6		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	87-68-3	Hexachlorobutadiene	0.000231	mg/kg	U	0.009	1.2		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	98-82-8	Isopropylbenzene	0.000231	mg/kg	U	0.04	182		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	179601-23-1	m,p-Xylene	0.000461	mg/kg	U	1.4	53		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	78-93-3	MEK (2-Butanone)	0.00115	mg/kg	U	350	2592		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	75-09-2	Methylene chloride	0.00339	mg/kg	U	2.6	34		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00115	mg/kg	U	9.7	3168		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	91-20-3	Naphthalene	0.000231	mg/kg	UJ	1.9	1.9		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	104-51-8	n-Butylbenzene	0.000231	mg/kg	U	374	374		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	103-65-1	n-Propylbenzene	0.000231	mg/kg	U	365	365		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	95-47-6	o-Xylene	0.000231	mg/kg	U	1.4	61		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	99-87-6	p-Cymene	0.000231	mg/kg	U	0.18	182		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	135-98-8	sec-Butylbenzene	0.000231	mg/kg	U	749	749		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	100-42-5	Styrene	0.000231	mg/kg	U	1.2	576		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	98-06-6	tert-Butylbenzene	0.000231	mg/kg	U	749	749		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	127-18-4	Tetrachloroethene	0.00888	mg/kg		0.18	7.8		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	108-88-3	Toluene	0.00165	mg/kg		23	470		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	156-60-5	trans-1,2-Dichloroethene	0.000231	mg/kg	U	6.7	6.7		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	10061-02-6	trans-1,3-Dichloropropene	0.000231	mg/kg	U	0.001	1.7		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	79-01-6	Trichloroethene	0.000231	mg/kg	U	0.39	0.39		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	75-69-4	Trichlorofluoromethane	0.000231	mg/kg	U	52	2208		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	108-05-4	Vinyl acetate	0.00115	mg/kg	UJ	87	87		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8260B	75-01-4	Vinyl chloride	0.000231	mg/kg	U	0.057	0.057		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	95-95-4	2,4,5-Trichlorophenol	0.0283	mg/kg	U	4	605		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	88-06-2	2,4,6-Trichlorophenol	0.0209	mg/kg	U	6	6		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	120-83-2	2,4-Dichlorophenol	0.0173	mg/kg	U	0.05	18		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	105-67-9	2,4-Dimethylphenol	0.0173	mg/kg	U	0.04	125		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	121-14-2	2,4-Dinitrotoluene	0.0204	mg/kg	U	1.6	1.6		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	606-20-2	2,6-Dinitrotoluene	0.0283	mg/kg	U	0.3456	0.35		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	91-58-7	2-Chloronaphthalene	0.00471	mg/kg	U	461	461		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	95-57-8	2-Chlorophenol	0.0236	mg/kg	U	0.39	37		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	91-57-6	2-Methylnaphthalene	0.00245	mg/kg	U	23	23		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	95-48-7	2-Methylphenol	0.0189	mg/kg	U	0.67	307		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	88-74-4	2-Nitroaniline	0.0204	mg/kg	U	5.3	60		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	88-75-5	2-Nitrophenol	0.022	mg/kg	U	5.1	1824		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	91-94-1	3,3'-Dichlorobenzidine	0.0173	mg/kg	U	0.03	1.2		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	99-09-2	3-Nitroaniline	0.0267	mg/kg	U	0.02	60		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0209	mg/kg	U				
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	59-50-7	4-Chloro-3-methylphenol	0.0173	mg/kg	U	605	605		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	106-47-8	4-Chloroaniline	0.0146	mg/kg	U	1	2.6		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.0264	mg/kg	U				
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	106-44-5	4-Methylphenol	0.0233	mg/kg	U	0.08	125		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	100-01-6	4-Nitroaniline	0.0267	mg/kg	U	0.02	24		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	100-02-7	4-Nitrophenol	0.0299	mg/kg	UJ	5.1	1824		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	83-32-9	Acenaphthene	0.266	mg/kg		29	346		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	208-96-8	Acenaphthylene	0.00685	mg/kg	U	1.9	1.9		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	62-53-3	Aniline	0.157	mg/kg	U	42	42		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	120-12-7	Anthracene	0.891	mg/kg		29	1728		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	92-87-5	Benzidine	0.0297	mg/kg	UJ	0.00051	0.00051		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	56-55-3	Benzo(a)anthracene	4.54	mg/kg		1.1	1.1		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	50-32-8	Benzo(a)pyrene	6.07	mg/kg		0.11	0.11		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	191-24-2	Benzo(g,h,i)perylene	3.35	mg/kg		1.1	173		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	56832-73-6	Benzofluoranthenes, Total	7.48	mg/kg	J				
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	100-51-6	Benzyl alcohol	0.033	mg/kg	U	120	605		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0189	mg/kg	U	18	18		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	111-44-4	Bis (2-chloroethyl) ether	0.03	mg/kg	U	0.22	0.22		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.995	mg/kg	J	0.02	37		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0409	mg/kg	U	298	298		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	85-68-7	Butyl benzylphthalate	0.0299	mg/kg	U	90	278		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	86-74-8	Carbazole	0.281	mg/kg	J	7.5	7.5		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	218-01-9	Chrysene	5.17	mg/kg		1.1	106		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	53-70-3	Dibenzo(a,h)anthracene	0.498	mg/kg		0.1056	0.11		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	132-64-9	Dibenzofuran	0.0424	mg/kg	J	6.1	7.5		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	84-66-2	Diethyl phthalate	0.0267	mg/kg	U	100	4896		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	131-11-3	Dimethyl phthalate	0.0173	mg/kg	U	10	37		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	84-74-2	Di-n-butylphthalate	0.137	mg/kg	U	0.011	605		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	117-84-0	Di-n-octylphthalate	0.0409	mg/kg	UJ	0.91	60		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	206-44-0	Fluoranthene	10.6	mg/kg		1.1	230		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	86-73-7	Fluorene	0.185	mg/kg		29	230		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	118-74-1	Hexachlorobenzene	0.0173	mg/kg	U	0.075	0.075		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	77-47-4	Hexachlorocyclopentadiene	0.0222	mg/kg	U	0.001	0.17		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	67-72-1	Hexachloroethane	0.0299	mg/kg	U	0.024	1.7		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	3.79	mg/kg		1.1	1.1		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	78-59-1	Isophorone	0.022	mg/kg	U	547	547		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	98-95-3	Nitrobenzene	0.0215	mg/kg	U	2.2	4.9		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0173	mg/kg	U	0.075	0.075		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	87-86-5	Pentachlorophenol	0.033	mg/kg	U	0.96	1		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	85-01-8	Phenanthrene	2.24	mg/kg		29	1728		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	108-95-2	Phenol	0.0314	mg/kg	U	0.79	1824		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	8270C	129-00-0	Pyrene	12	mg/kg		1.1	173		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	7.40617	mg/kg					
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	46.018	mg/kg		1.1			
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	3.5957	mg/kg		29			
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	Krone	1002-53-5	Dibutyltin	0.000788	mg/kg	U	1.8	1.8		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	Krone	78763-54-9	Monobutyltin	0.00174	mg/kg	U	2.2	2.2		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	Krone	1461-25-2	Tetrabutyltin	0.000609	mg/kg	U	2.2	2.2		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	Krone	688-73-3	Tributyltin	0.00125	mg/kg	U	2.2	2.2		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	NWTPH-Dx	TPH-D	Diesel Range Organics	126	mg/kg		260	1100		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	NWTPH-Dx	MOIL	Residual Range Organics	658	mg/kg		260	2800		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.98	mg/kg	U	120	1200		
BIL03TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL03TPG	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.15101	mg/kg		0.0073	0.23		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	200.8	7440-36-0	Antimony	0.2	mg/kg	UJ	0.27	3		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	200.8	7440-38-2	Arsenic	6.2	mg/kg		0.43	0.43		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	200.8	7440-41-7	Beryllium	0.5	mg/kg		15	15		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	200.8	7440-48-4	Cobalt	11.5	mg/kg	J	2.2	2.2		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	200.8	7439-92-1	Lead	131	mg/kg	J	11	192		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	200.8	7440-22-4	Silver	0.2	mg/kg	U	4.2	37		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	200.8	7440-28-0	Thallium	0.2	mg/kg	U	0.05	0.075		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	200.8	7440-62-2	Vanadium	53.3	mg/kg		7.8	37		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	6010B	7429-90-5	Aluminum	17400	mg/kg	J	50	7392		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	6010B	7440-39-3	Barium	95.1	mg/kg		330	1440		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	6010B	7440-70-2	Calcium	6710	mg/kg					
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	6010B	7440-47-3	Chromium	23	mg/kg		0.29	0.29		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	6010B	7440-50-8	Copper	45.4	mg/kg		28	298		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	6010B	7439-89-6	Iron	32100	mg/kg	J	5280	5280		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	6010B	7439-95-4	Magnesium	6950	mg/kg					
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	6010B	7439-96-5	Manganese	450	mg/kg	J	173	173		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	6010B	7440-02-0	Nickel	20	mg/kg		38	134		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	6010B	7440-09-7	Potassium	1360	mg/kg					
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	6010B	7440-23-5	Sodium	530	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	6010B	7440-66-6	Zinc	157	mg/kg		46	2208		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	7131A	7440-43-9	Cadmium	0.94	mg/kg		0.36	0.68		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	7471A	7439-97-6	Mercury	0.07	mg/kg		0.013	1.1		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	7740	7782-49-2	Selenium	0.2	mg/kg	U	0.52	37		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8081A	72-54-8	4,4'-DDD	0.002	mg/kg	U	0.021	2.2		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8081A	72-55-9	4,4'-DDE	0.002	mg/kg	U	0.021	1.8		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8081A	50-29-3	4,4'-DDT	0.014	mg/kg		0.021	1.8		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8081A	309-00-2	Aldrin	0.00098	mg/kg	U	0.000085	0.031		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8081A	319-84-6	alpha-BHC	0.00098	mg/kg	U	0.0096	0.083		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8081A	5103-71-9	alpha-Chlordane	0.00098	mg/kg	U	0.27	1.7		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8081A	319-85-7	beta-BHC	0.00098	mg/kg	U	0.0096	0.086		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8081A	319-86-8	delta-BHC	0.00098	mg/kg	U	0.0096	0.083		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8081A	60-57-1	Dieldrin	0.002	mg/kg	U	0.0049	0.033		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8081A	959-98-8	Endosulfan I	0.00098	mg/kg	U	0.64	45		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8081A	33213-65-9	Endosulfan II	0.002	mg/kg	U	0.64	45		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8081A	1031-07-8	Endosulfan sulfate	0.008	mg/kg	U	0.64	36		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8081A	72-20-8	Endrin	0.002	mg/kg	U	0.0014	1.8		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8081A	7421-93-4	Endrin aldehyde	0.01	mg/kg	U	0.0014	1.8		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8081A	53494-70-5	Endrin ketone	0.002	mg/kg	U	0.0014	1.8		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8081A	58-89-9	gamma-BHC (Lindane)	0.00098	mg/kg	U	0.0096	0.49		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8081A	5103-74-2	gamma-Chlordane	0.00098	mg/kg	U	0.27	1.7		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8081A	76-44-8	Heptachlor	0.00098	mg/kg	U	0.0016	0.11		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8081A	1024-57-3	Heptachlor epoxide	0.00098	mg/kg	U	0.00015	0.055		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8081A	72-43-5	Methoxychlor	0.0098	mg/kg	U	5.1	31		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8081A	8001-35-2	Toxaphene	0.098	mg/kg	U	0.47	0.47		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8082	12674-11-2	Aroclor-1016	0.0039	mg/kg	U	0.041	0.1		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8082	11104-28-2	Aroclor-1221	0.0039	mg/kg	U	0.041	0.19		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8082	11141-16-5	Aroclor-1232	0.0039	mg/kg	U	0.041	0.16		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8082	53469-21-9	Aroclor-1242	0.0039	mg/kg	U	0.041	0.22		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8082	12672-29-6	Aroclor-1248	0.0039	mg/kg	U	0.041	0.22		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8082	11097-69-1	Aroclor-1254	0.019	mg/kg		0.029	0.029		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8082	11096-82-5	Aroclor-1260	0.031	mg/kg	J	0.041	0.23		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	120-82-1	1,2,4-Trichlorobenzene	0.02	mg/kg	U	0.27	5.6		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	95-50-1	1,2-Dichlorobenzene	0.02	mg/kg	U	0.92	173		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	541-73-1	1,3-Dichlorobenzene	0.02	mg/kg	U	0.74	2.5		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	106-46-7	1,4-Dichlorobenzene	0.02	mg/kg	U	0.89	2.5		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	95-95-4	2,4,5-Trichlorophenol	0.098	mg/kg	U	4	605		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	88-06-2	2,4,6-Trichlorophenol	0.098	mg/kg	U	6	6		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	120-83-2	2,4-Dichlorophenol	0.098	mg/kg	U	0.05	18		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	105-67-9	2,4-Dimethylphenol	0.02	mg/kg	U	0.04	125		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	51-28-5	2,4-Dinitrophenol	0.2	mg/kg	U	0.061	12		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	121-14-2	2,4-Dinitrotoluene	0.098	mg/kg	U	1.6	1.6		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	606-20-2	2,6-Dinitrotoluene	0.098	mg/kg	U	0.3456	0.35		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	91-58-7	2-Chloronaphthalene	0.02	mg/kg	U	461	461		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	95-57-8	2-Chlorophenol	0.02	mg/kg	U	0.39	37		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	91-57-6	2-Methylnaphthalene	0.02	mg/kg	U	23	23		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	95-48-7	2-Methylphenol	0.02	mg/kg	U	0.67	307		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	88-74-4	2-Nitroaniline	0.098	mg/kg	U	5.3	60		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	88-75-5	2-Nitrophenol	0.098	mg/kg	U	5.1	1824		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	91-94-1	3,3'-Dichlorobenzidine	0.098	mg/kg	U	0.03	1.2		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	99-09-2	3-Nitroaniline	0.098	mg/kg	U	0.02	60		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.2	mg/kg	U	0.49	0.49		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	101-55-3	4-Bromophenyl phenyl ether	0.02	mg/kg	U				
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	59-50-7	4-Chloro-3-methylphenol	0.098	mg/kg	U	605	605		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	106-47-8	4-Chloroaniline	0.098	mg/kg	U	1	2.6		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.02	mg/kg	U				
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	106-44-5	4-Methylphenol	0.02	mg/kg	U	0.08	125		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	100-01-6	4-Nitroaniline	0.098	mg/kg	U	0.02	24		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	100-02-7	4-Nitrophenol	0.098	mg/kg	U	5.1	1824		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	83-32-9	Acenaphthene	0.015	mg/kg	J	29	346		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	208-96-8	Acenaphthylene	0.02	mg/kg	U	1.9	1.9		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	120-12-7	Anthracene	0.03	mg/kg		29	1728		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	56-55-3	Benzo(a)anthracene	0.33	mg/kg		1.1	1.1		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	50-32-8	Benzo(a)pyrene	0.36	mg/kg		0.11	0.11		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	205-99-2	Benzo(b)fluoranthene	0.42	mg/kg		1.1	1.1		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	191-24-2	Benzo(g,h,i)perylene	0.21	mg/kg		1.1	173		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	207-08-9	Benzo(k)fluoranthene	0.31	mg/kg		1.1	11		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	65-85-0	Benzoic acid	0.2	mg/kg	U	1	24000		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	100-51-6	Benzyl alcohol	0.02	mg/kg	U	120	605		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	111-91-1	Bis (2-chloroethoxy) methane	0.02	mg/kg	U	18	18		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	111-44-4	Bis (2-chloroethyl) ether	0.02	mg/kg	U	0.22	0.22		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.17	mg/kg		0.02	37		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	39638-32-9	bis(2-Chloroisopropyl) ether	0.02	mg/kg	U	298	298		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	85-68-7	Butyl benzylphthalate	0.02	mg/kg	U	90	278		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	86-74-8	Carbazole	0.018	mg/kg	J	7.5	7.5		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	218-01-9	Chrysene	0.45	mg/kg		1.1	106		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	53-70-3	Dibenzo(a,h)anthracene	0.055	mg/kg		0.1056	0.11		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	132-64-9	Dibenzofuran	0.02	mg/kg	U	6.1	7.5		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	84-66-2	Diethyl phthalate	0.02	mg/kg	U	100	4896		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	131-11-3	Dimethyl phthalate	0.02	mg/kg	U	10	37		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	84-74-2	Di-n-butylphthalate	0.02	mg/kg	U	0.011	605		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	117-84-0	Di-n-octylphthalate	0.02	mg/kg	U	0.91	60		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	206-44-0	Fluoranthene	0.58	mg/kg		1.1	230		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	86-73-7	Fluorene	0.02	mg/kg	U	29	230		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	118-74-1	Hexachlorobenzene	0.02	mg/kg	U	0.075	0.075		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	87-68-3	Hexachlorobutadiene	0.02	mg/kg	U	0.009	1.2		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	77-47-4	Hexachlorocyclopentadiene	0.098	mg/kg	U	0.001	0.17		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	67-72-1	Hexachloroethane	0.02	mg/kg	U	0.024	1.7		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.2	mg/kg		1.1	1.1		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	78-59-1	Isophorone	0.02	mg/kg	U	547	547		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	91-20-3	Naphthalene	0.02	mg/kg	U	1.9	1.9		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	98-95-3	Nitrobenzene	0.02	mg/kg	U	2.2	4.9		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	62-75-9	N-Nitrosodimethylamine	0.098	mg/kg	U	0.0019	0.0019		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	621-64-7	N-Nitrosodi-n-propylamine	0.098	mg/kg	U	0.075	0.075		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	86-30-6	N-Nitrosodiphenylamine	0.02	mg/kg	U	0.55	106		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	87-86-5	Pentachlorophenol	0.098	mg/kg	U	0.96	1		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	85-01-8	Phenanthrene	0.2	mg/kg		29	1728		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	108-95-2	Phenol	0.02	mg/kg	U	0.79	1824		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	8270D	129-00-0	Pyrene	0.73	mg/kg		1.1	173		
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.51355	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	3.645	mg/kg		1.1			
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.29	mg/kg		29			
BIL03USE	723665.608	7834897.326	4/10/2007	0.5 - 0.5	SO	N	070410BIL03SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0539	mg/kg		0.0073	0.23		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8081 Pest	72-54-8	4,4'-DDD	0.0034	mg/kg	U	0.021	2.2		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8081 Pest	72-55-9	4,4'-DDE	0.017	mg/kg		0.021	1.8		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8081 Pest	50-29-3	4,4'-DDT	0.0034	mg/kg	U	0.021	1.8		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8081 Pest	309-00-2	Aldrin	0.0017	mg/kg	U	0.000085	0.031		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8081 Pest	319-84-6	alpha-BHC	0.0017	mg/kg	U	0.0096	0.083		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8081 Pest	5103-71-9	alpha-Chlordane	0.019	mg/kg	U	0.27	1.7		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8081 Pest	319-85-7	beta-BHC	0.0021	mg/kg	U	0.0096	0.086		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8081 Pest	319-86-8	delta-BHC	0.0017	mg/kg	U	0.0096	0.083		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8081 Pest	60-57-1	Dieldrin	0.0034	mg/kg	U	0.0049	0.033		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8081 Pest	959-98-8	Endosulfan I	0.0017	mg/kg	U	0.64	45		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8081 Pest	33213-65-9	Endosulfan II	0.0036	mg/kg	U	0.64	45		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.0034	mg/kg	U	0.64	36		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8081 Pest	72-20-8	Endrin	0.0034	mg/kg	U	0.0014	1.8		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8081 Pest	7421-93-4	Endrin aldehyde	0.0034	mg/kg	U	0.0014	1.8		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8081 Pest	53494-70-5	Endrin ketone	0.0034	mg/kg	U	0.0014	1.8		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.0017	mg/kg	U	0.0096	0.49		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8081 Pest	5103-74-2	gamma-Chlordane	0.013	mg/kg	U	0.27	1.7		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8081 Pest	76-44-8	Heptachlor	0.0017	mg/kg	U	0.0016	0.11		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.0071	mg/kg	U	0.00015	0.055		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8081 Pest	72-43-5	Methoxychlor	0.017	mg/kg	U	5.1	31		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8081 Pest	8001-35-2	Toxaphene	0.034	mg/kg	U	0.47	0.47		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8151	93-76-5	2,4,5-T	0.0087	mg/kg	U	60	60		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8151	93-72-1	2,4,5-TP (Silvex)	0.0036	mg/kg	U	0.055	49		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8151	94-75-7	2,4-D	0.02	mg/kg	U	67	67		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8151	94-82-6	2,4-DB	0.01	mg/kg	U				
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.18	mg/kg					
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8151	75-99-0	Dalapon	0.041	mg/kg	U	182	182		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8151	1918-00-9	Dicamba	0.0048	mg/kg	U	182	182		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8151	88-85-7	Dinoseb	0.01	mg/kg	U	0.015	6		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8151	94-74-6	MCPA	1	mg/kg	U	3.1	3.1		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8151	93-65-2	MCPP	13	mg/kg	U	6	6		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.002	mg/kg	U	0.07	1.9		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	71-55-6	1,1,1-Trichloroethane	0.002	mg/kg	U	260	778		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.002	mg/kg	U	0.13	0.58		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	79-00-5	1,1,2-Trichloroethane	0.002	mg/kg	U	0.14	0.14		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	75-34-3	1,1-Dichloroethane	0.002	mg/kg	U	3.5	3.5		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	75-35-4	1,1-Dichloroethene	0.002	mg/kg	U	11	22		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	563-58-6	1,1-Dichloropropene	0.002	mg/kg	U	0.001	1.7		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.0051	mg/kg	U	6	6		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	96-18-4	1,2,3-Trichloropropane	0.002	mg/kg	U	0.0049	0.0049		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	120-82-1	1,2,4-Trichlorobenzene	0.0051	mg/kg	U	0.27	5.6		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.002	mg/kg	U	0.09	29		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.0051	mg/kg	U	0.0051	0.0051		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.002	mg/kg	U	0.035	0.035		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	95-50-1	1,2-Dichlorobenzene	0.002	mg/kg	U	0.92	173		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	107-06-2	1,2-Dichloroethane	0.002	mg/kg	U	0.44	0.44		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	78-87-5	1,2-Dichloropropane	0.002	mg/kg	U	0.28	1.5		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.002	mg/kg	U	0.16	26		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	541-73-1	1,3-Dichlorobenzene	0.002	mg/kg	U	0.74	2.5		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	142-28-9	1,3-Dichloropropane	0.002	mg/kg	U	0.28	154		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	106-46-7	1,4-Dichlorobenzene	0.002	mg/kg	U	0.89	2.5		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	594-20-7	2,2-Dichloropropane	0.002	mg/kg	U	0.28	1.5		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	95-49-8	2-Chlorotoluene	0.002	mg/kg	U	154	154		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	591-78-6	2-Hexanone	0.01	mg/kg	U	0.36	19		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	106-43-4	4-Chlorotoluene	0.002	mg/kg	U	154	154		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	67-64-1	Acetone	0.01	mg/kg	U	1.2	6720		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	71-43-2	Benzene	0.002	mg/kg	U	1.2	1.2		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	108-86-1	Bromobenzene	0.002	mg/kg	U	28	28		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	74-97-5	Bromochloromethane	0.002	mg/kg	U	3.4	3.4		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	75-27-4	Bromodichloromethane	0.002	mg/kg	U	0.28	0.28		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	75-25-2	Bromoform	0.002	mg/kg	U	0.07	18		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	74-83-9	Bromomethane	0.0051	mg/kg	U	0.002	0.65		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	75-15-0	Carbon disulfide	0.01	mg/kg	U	0.81	74		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	56-23-5	Carbon tetrachloride	0.002	mg/kg	U	0.62	0.62		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	108-90-7	Chlorobenzene	0.002	mg/kg	U	2.4	27		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	75-00-3	Chloroethane	0.002	mg/kg	U	518	518		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	67-66-3	Chloroform	0.002	mg/kg	U	0.31	0.31		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	74-87-3	Chloromethane	0.0051	mg/kg	U	11	11		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	156-59-2	cis-1,2-Dichloroethene	0.002	mg/kg	U	6	6		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.002	mg/kg	U	0.001	1.7		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	124-48-1	Dibromochloromethane	0.002	mg/kg	U	3.7	3.7		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	74-95-3	Dibromomethane	0.002	mg/kg	U	2.304	2.3		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	75-71-8	Dichlorodifluoromethane	0.002	mg/kg	U	8.4	8.4		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	100-41-4	Ethylbenzene	0.002	mg/kg	U	0.27	5.6		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	87-68-3	Hexachlorobutadiene	0.0051	mg/kg	U	0.009	1.2		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	98-82-8	Isopropylbenzene	0.002	mg/kg	U	0.04	182		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	179601-23-1	m,p-Xylene	0.002	mg/kg	U	1.4	53		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	78-93-3	MEK (2-Butanone)	0.01	mg/kg	U	350	2592		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	75-09-2	Methylene chloride	0.012	mg/kg		2.6	34		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	0.01	mg/kg	U	9.7	3168		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	104-51-8	n-Butylbenzene	0.002	mg/kg	U	374	374		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	103-65-1	n-Propylbenzene	0.002	mg/kg	U	365	365		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	95-47-6	o-Xylene	0.002	mg/kg	U	1.4	61		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	99-87-6	p-Cymene	0.002	mg/kg	U	0.18	182		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	135-98-8	sec-Butylbenzene	0.0051	mg/kg	U	749	749		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	100-42-5	Styrene	0.002	mg/kg	U	1.2	576		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	98-06-6	tert-Butylbenzene	0.002	mg/kg	U	749	749		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	127-18-4	Tetrachloroethene	0.023	mg/kg		0.18	7.8		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	108-88-3	Toluene	0.002	mg/kg	U	23	470		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	156-60-5	trans-1,2-Dichloroethene	0.002	mg/kg	U	6.7	6.7		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.002	mg/kg	U	0.001	1.7		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	79-01-6	Trichloroethene	0.002	mg/kg	U	0.39	0.39		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	75-69-4	Trichlorofluoromethane	0.002	mg/kg	U	52	2208		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	108-05-4	Vinyl acetate	0.01	mg/kg	U	87	87		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8260	75-01-4	Vinyl chloride	0.002	mg/kg	U	0.057	0.057		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	95-95-4	2,4,5-Trichlorophenol	0.86	mg/kg	U	4	605		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	88-06-2	2,4,6-Trichlorophenol	0.17	mg/kg	U	6	6		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	120-83-2	2,4-Dichlorophenol	0.17	mg/kg	U	0.05	18		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	105-67-9	2,4-Dimethylphenol	0.17	mg/kg	U	0.04	125		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	51-28-5	2,4-Dinitrophenol	0.86	mg/kg	U	0.061	12		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	121-14-2	2,4-Dinitrotoluene	0.17	mg/kg	U	1.6	1.6		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	606-20-2	2,6-Dinitrotoluene	0.17	mg/kg	U	0.3456	0.35		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	91-58-7	2-Chloronaphthalene	0.17	mg/kg	U	461	461		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	95-57-8	2-Chlorophenol	0.17	mg/kg	U	0.39	37		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	91-57-6	2-Methylnaphthalene	0.057	mg/kg	J	23	23		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	95-48-7	2-Methylphenol	0.17	mg/kg	U	0.67	307		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	88-74-4	2-Nitroaniline	0.86	mg/kg	U	5.3	60		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	88-75-5	2-Nitrophenol	0.17	mg/kg	U	5.1	1824		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	91-94-1	3,3'-Dichlorobenzidine	0.68	mg/kg	U	0.03	1.2		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	99-09-2	3-Nitroaniline	0.86	mg/kg	U	0.02	60		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.86	mg/kg	U	0.49	0.49		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.17	mg/kg	U				
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	59-50-7	4-Chloro-3-methylphenol	0.17	mg/kg	U	605	605		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	106-47-8	4-Chloroaniline	0.17	mg/kg	U	1	2.6		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.17	mg/kg	U				
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	106-44-5	4-Methylphenol	0.17	mg/kg	U	0.08	125		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	100-01-6	4-Nitroaniline	0.86	mg/kg	U	0.02	24		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	100-02-7	4-Nitrophenol	0.86	mg/kg	U	5.1	1824		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	83-32-9	Acenaphthene	2.6	mg/kg	J	29	346		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	208-96-8	Acenaphthylene	0.074	mg/kg	J	1.9	1.9		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	62-53-3	Aniline	0.17	mg/kg	U	42	42		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	120-12-7	Anthracene	2.7	mg/kg		29	1728		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	92-87-5	Benzidine	1.7	mg/kg	U	0.00051	0.00051		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	56-55-3	Benzo(a)anthracene	32	mg/kg		1.1	1.1		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	50-32-8	Benzo(a)pyrene	33	mg/kg		0.11	0.11		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	205-99-2	Benzo(b)fluoranthene	65	mg/kg		1.1	1.1		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	191-24-2	Benzo(g,h,i)perylene	18	mg/kg		1.1	173		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	207-08-9	Benzo(k)fluoranthene	65	mg/kg		1.1	11		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	65-85-0	Benzoic acid	0.034	mg/kg	J	1	24000		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	100-51-6	Benzyl alcohol	0.17	mg/kg	U	120	605		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.17	mg/kg	U	18	18		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.17	mg/kg	U	0.22	0.22		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	21	mg/kg		0.02	37		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.17	mg/kg	U	298	298		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	85-68-7	Butyl benzylphthalate	0.17	mg/kg	U	90	278		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	86-74-8	Carbazole	1.3	mg/kg		7.5	7.5		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	218-01-9	Chrysene	32	mg/kg		1.1	106		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	53-70-3	Dibenzo(a,h)anthracene	9.9	mg/kg		0.1056	0.11		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	132-64-9	Dibenzofuran	0.38	mg/kg		6.1	7.5		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	84-66-2	Diethyl phthalate	0.05	mg/kg	J	100	4896		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	131-11-3	Dimethyl phthalate	0.17	mg/kg	U	10	37		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	84-74-2	Di-n-butylphthalate	0.17	mg/kg	U	0.011	605		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	117-84-0	Di-n-octylphthalate	0.17	mg/kg	U	0.91	60		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	206-44-0	Fluoranthene	54	mg/kg		1.1	230		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	86-73-7	Fluorene	1.2	mg/kg		29	230		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	118-74-1	Hexachlorobenzene	0.17	mg/kg	U	0.075	0.075		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	77-47-4	Hexachlorocyclopentadiene	0.17	mg/kg	U	0.001	0.17		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	67-72-1	Hexachloroethane	0.17	mg/kg	U	0.024	1.7		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	19	mg/kg		1.1	1.1		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	78-59-1	Isophorone	0.17	mg/kg	U	547	547		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	91-20-3	Naphthalene	0.1	mg/kg	J	1.9	1.9		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	98-95-3	Nitrobenzene	0.17	mg/kg	U	2.2	4.9		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	62-75-9	N-Nitrosodimethylamine	0.17	mg/kg	U	0.0019	0.0019		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.17	mg/kg	U	0.075	0.075		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	86-30-6	N-Nitrosodiphenylamine	0.17	mg/kg	U	0.55	106		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	87-86-5	Pentachlorophenol	0.86	mg/kg	U	0.96	1		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	85-01-8	Phenanthrene	12	mg/kg		29	1728		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	108-95-2	Phenol	0.17	mg/kg	U	0.79	1824		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	8270	129-00-0	Pyrene	40	mg/kg		1.1	173		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	55.182	mg/kg					
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	367.9	mg/kg		1.1			
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	18.674	mg/kg		29			
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	METALS	7440-36-0	Antimony	2.7	mg/kg	U	0.27	3		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	METALS	7440-38-2	Arsenic	3.2	mg/kg		0.43	0.43		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	METALS	7440-39-3	Barium	58.9	mg/kg		330	1440		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	METALS	7440-41-7	Beryllium	0.27	mg/kg	U	15	15		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	METALS	7440-43-9	Cadmium	0.44	mg/kg		0.36	0.68		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	METALS	7440-47-3	Chromium	33.8	mg/kg		0.29	0.29		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	METALS	7440-50-8	Copper	56.2	mg/kg		28	298		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	METALS	7439-89-6	Iron	14100	mg/kg		5280	5280		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	METALS	7439-92-1	Lead	699	mg/kg		11	192		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	METALS	7439-96-5	Manganese	196	mg/kg		173	173		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	METALS	7439-97-6	Mercury	0.12	mg/kg		0.013	1.1		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	METALS	7440-02-0	Nickel	15.4	mg/kg		38	134		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	METALS	7782-49-2	Selenium	0.27	mg/kg	U	0.52	37		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	METALS	7440-22-4	Silver	0.53	mg/kg	U	4.2	37		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	METALS	7440-28-0	Thallium	0.27	mg/kg	U	0.05	0.075		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	METALS	7440-66-6	Zinc	134	mg/kg		46	2208		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	NWTPH_HCID	TPH-G	Gasoline Range Organics	20	mg/kg		120	1200		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	NWTPH-Dx	TPH-D	Diesel Range Organics	590	mg/kg		260	1100		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	NWTPH-Dx	MOIL	Residual Range Organics	3000	mg/kg		260	2800		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	PCBS	12674-11-2	Aroclor-1016	0.034	mg/kg	UJ	0.041	0.1		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	PCBS	11104-28-2	Aroclor-1221	0.034	mg/kg	UJ	0.041	0.19		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	PCBS	11141-16-5	Aroclor-1232	0.034	mg/kg	UJ	0.041	0.16		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	PCBS	53469-21-9	Aroclor-1242	0.034	mg/kg	UJ	0.041	0.22		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	PCBS	12672-29-6	Aroclor-1248	0.034	mg/kg	UJ	0.041	0.22		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	PCBS	11097-69-1	Aroclor-1254	0.034	mg/kg	UJ	0.029	0.029		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	PCBS	11096-82-5	Aroclor-1260	0.66	mg/kg	J	0.041	0.23		
BIL04SSI	723591.951	7834838.866	9/20/1999	0 - 0.5	SO	N	990920BIL04SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.728	mg/kg		0.0073	0.23		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8082	12674-11-2	Aroclor-1016	0.00125	mg/kg	U	0.041	0.1		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8082	11104-28-2	Aroclor-1221	0.00534	mg/kg	U	0.041	0.19		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8082	11141-16-5	Aroclor-1232	0.00426	mg/kg	U	0.041	0.16		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8082	53469-21-9	Aroclor-1242	0.00228	mg/kg	U	0.041	0.22		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8082	12672-29-6	Aroclor-1248	0.00566	mg/kg	U	0.041	0.22		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8082	11097-69-1	Aroclor-1254	0.00177	mg/kg	U	0.029	0.029		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8082	11096-82-5	Aroclor-1260	0.0125	mg/kg		0.041	0.23		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	630-20-6	1,1,1,2-Tetrachloroethane	2.3	mg/kg	U	0.07	1.9		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	71-55-6	1,1,1-Trichloroethane	2.3	mg/kg	U	260	778		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	79-34-5	1,1,2,2-Tetrachloroethane	2.3	mg/kg	U	0.13	0.58		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	79-00-5	1,1,2-Trichloroethane	2.3	mg/kg	U	0.14	0.14		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	75-34-3	1,1-Dichloroethane	2.3	mg/kg	U	3.5	3.5		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	75-35-4	1,1-Dichloroethene	2.3	mg/kg	U	11	22		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	563-58-6	1,1-Dichloropropene	2.3	mg/kg	U	0.001	1.7		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	87-61-6	1,2,3-Trichlorobenzene	2.3	mg/kg	U	6	6		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	96-18-4	1,2,3-Trichloropropane	2.3	mg/kg	U	0.0049	0.0049		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	120-82-1	1,2,4-Trichlorobenzene	2.3	mg/kg	U	0.27	5.6		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	95-63-6	1,2,4-Trimethylbenzene	14.3	mg/kg		0.09	29		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	2.3	mg/kg	U	0.0051	0.0051		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	106-93-4	1,2-Dibromoethane (EDB)	2.3	mg/kg	U	0.035	0.035		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	95-50-1	1,2-Dichlorobenzene	2.3	mg/kg	U	0.92	173		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	107-06-2	1,2-Dichloroethane	2.3	mg/kg	U	0.44	0.44		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	78-87-5	1,2-Dichloropropane	2.3	mg/kg	U	0.28	1.5		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	108-67-8	1,3,5-Trimethylbenzene	5.41	mg/kg		0.16	26		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	541-73-1	1,3-Dichlorobenzene	2.3	mg/kg	U	0.74	2.5		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	142-28-9	1,3-Dichloropropane	2.3	mg/kg	U	0.28	154		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	106-46-7	1,4-Dichlorobenzene	2.3	mg/kg	U	0.89	2.5		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	594-20-7	2,2-Dichloropropane	2.3	mg/kg	U	0.28	1.5		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	95-49-8	2-Chlorotoluene	2.3	mg/kg	U	154	154		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	591-78-6	2-Hexanone	11.5	mg/kg	U	0.36	19		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	106-43-4	4-Chlorotoluene	2.3	mg/kg	U	154	154		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	67-64-1	Acetone	11.5	mg/kg	U	1.2	6720		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	71-43-2	Benzene	2.3	mg/kg	U	1.2	1.2		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	108-86-1	Bromobenzene	2.3	mg/kg	U	28	28		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	74-97-5	Bromochloromethane	2.3	mg/kg	U	3.4	3.4		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	75-27-4	Bromodichloromethane	2.3	mg/kg	U	0.28	0.28		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	75-25-2	Bromoform	2.3	mg/kg	U	0.07	18		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	74-83-9	Bromomethane	2.3	mg/kg	UJ	0.002	0.65		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	75-15-0	Carbon disulfide	2.3	mg/kg	U	0.81	74		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	56-23-5	Carbon tetrachloride	2.3	mg/kg	U	0.62	0.62		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	108-90-7	Chlorobenzene	2.3	mg/kg	U	2.4	27		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	75-00-3	Chloroethane	2.3	mg/kg	U	518	518		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	67-66-3	Chloroform	2.3	mg/kg	U	0.31	0.31		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	74-87-3	Chloromethane	2.3	mg/kg	U	11	11		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	156-59-2	cis-1,2-Dichloroethene	2.3	mg/kg	U	6	6		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	10061-01-5	cis-1,3-Dichloropropene	2.3	mg/kg	U	0.001	1.7		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	124-48-1	Dibromochloromethane	2.3	mg/kg	U	3.7	3.7		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	74-95-3	Dibromomethane	2.3	mg/kg	U	2.304	2.3		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	75-71-8	Dichlorodifluoromethane	2.3	mg/kg	U	8.4	8.4		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	100-41-4	Ethylbenzene	2.7	mg/kg	J	0.27	5.6		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	87-68-3	Hexachlorobutadiene	2.3	mg/kg	U	0.009	1.2		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	98-82-8	Isopropylbenzene	2.3	mg/kg	U	0.04	182		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	179601-23-1	m,p-Xylene	9.8	mg/kg		1.4	53		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	78-93-3	MEK (2-Butanone)	11.5	mg/kg	U	350	2592		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	75-09-2	Methylene chloride	2.3	mg/kg	U	2.6	34		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	11.5	mg/kg	U	9.7	3168		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	91-20-3	Naphthalene	8.36	mg/kg		1.9	1.9		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	104-51-8	n-Butylbenzene	2.3	mg/kg	U	374	374		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	103-65-1	n-Propylbenzene	2.3	mg/kg	U	365	365		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	95-47-6	o-Xylene	4.26	mg/kg	J	1.4	61		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	99-87-6	p-Cymene	2.3	mg/kg	U	0.18	182		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	135-98-8	sec-Butylbenzene	2.3	mg/kg	U	749	749		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	100-42-5	Styrene	2.3	mg/kg	U	1.2	576		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	98-06-6	tert-Butylbenzene	2.3	mg/kg	U	749	749		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	127-18-4	Tetrachloroethene	403	mg/kg		0.18	7.8		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	108-88-3	Toluene	133	mg/kg		23	470		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	156-60-5	trans-1,2-Dichloroethene	2.3	mg/kg	U	6.7	6.7		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	10061-02-6	trans-1,3-Dichloropropene	2.3	mg/kg	U	0.001	1.7		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	79-01-6	Trichloroethene	2.3	mg/kg	U	0.39	0.39		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	75-69-4	Trichlorofluoromethane	2.3	mg/kg	U	52	2208		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	108-05-4	Vinyl acetate	11.5	mg/kg	U	87	87		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8260B	75-01-4	Vinyl chloride	2.3	mg/kg	U	0.057	0.057		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	95-95-4	2,4,5-Trichlorophenol	0.0283	mg/kg	U	4	605		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	88-06-2	2,4,6-Trichlorophenol	0.0209	mg/kg	U	6	6		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	120-83-2	2,4-Dichlorophenol	0.0173	mg/kg	U	0.05	18		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	105-67-9	2,4-Dimethylphenol	0.0173	mg/kg	U	0.04	125		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	95-57-8	2-Chlorophenol	0.0236	mg/kg	U	0.39	37		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	91-57-6	2-Methylnaphthalene	0.206	mg/kg	J	23	23		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	95-48-7	2-Methylphenol	0.0189	mg/kg	U	0.67	307		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	88-75-5	2-Nitrophenol	0.022	mg/kg	U	5.1	1824		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	59-50-7	4-Chloro-3-methylphenol	0.0173	mg/kg	U	605	605		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	106-44-5	4-Methylphenol	0.0233	mg/kg	U	0.08	125		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	100-02-7	4-Nitrophenol	0.0299	mg/kg	UJ	5.1	1824		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	83-32-9	Acenaphthene	3.04	mg/kg	J	29	346		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	208-96-8	Acenaphthylene	0.022	mg/kg	J	1.9	1.9		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	120-12-7	Anthracene	7.55	mg/kg	J	29	1728		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	56-55-3	Benzo(a)anthracene	13.5	mg/kg	J	1.1	1.1		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	50-32-8	Benzo(a)pyrene	12.7	mg/kg	J	0.11	0.11		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	191-24-2	Benzo(g,h,i)perylene	5.87	mg/kg	J	1.1	173		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	56832-73-6	Benzofluoranthenes, Total	16.5	mg/kg	J				
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	100-51-6	Benzyl alcohol	0.033	mg/kg	U	120	605		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	4.28	mg/kg	J	0.02	37		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	86-74-8	Carbazole	2.65	mg/kg	J	7.5	7.5		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	218-01-9	Chrysene	13.2	mg/kg	J	1.1	106		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	53-70-3	Dibenzo(a,h)anthracene	0.904	mg/kg	J	0.1056	0.11		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	132-64-9	Dibenzofuran	0.81	mg/kg	J	6.1	7.5		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	206-44-0	Fluoranthene	33.5	mg/kg	J	1.1	230		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	86-73-7	Fluorene	1.4	mg/kg	J	29	230		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	7.66	mg/kg	J	1.1	1.1		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	87-86-5	Pentachlorophenol	0.033	mg/kg	U	0.96	1		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	85-01-8	Phenanthrene	15.6	mg/kg	J	29	1728		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	108-95-2	Phenol	0.0315	mg/kg	U	0.79	1824		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	8270C	129-00-0	Pyrene	33.7	mg/kg	J	1.1	173		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	15.7332	mg/kg					
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	121.034	mg/kg		1.1			
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	29.322	mg/kg		29			
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	Krone	1002-53-5	Dibutyltin	0.02	mg/kg		1.8	1.8		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	Krone	78763-54-9	Monobutyltin	0.038	mg/kg		2.2	2.2		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	Krone	1461-25-2	Tetrabutyltin	0.000579	mg/kg	U	2.2	2.2		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	Krone	688-73-3	Tributyltin	0.165	mg/kg		2.2	2.2		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	NWTPH-Dx	TPH-D	Diesel Range Organics	273	mg/kg		260	1100		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	NWTPH-Dx	MOIL	Residual Range Organics	682	mg/kg		260	2800		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	NWTPH-Gx	TPH-G	Gasoline Range Organics	586	mg/kg	J	120	1200		
BIL04TPG	723632.786	7834840.448	10/15/2001	0 - 10	SO	N	011015BIL04TPG	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0199	mg/kg		0.0073	0.23		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	200.8	7440-36-0	Antimony	0.2	mg/kg	UJ	0.27	3		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	200.8	7440-38-2	Arsenic	3.7	mg/kg		0.43	0.43		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	200.8	7440-41-7	Beryllium	0.3	mg/kg		15	15		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	200.8	7440-48-4	Cobalt	6.6	mg/kg	J	2.2	2.2		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	200.8	7439-92-1	Lead	51	mg/kg	J	11	192		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	200.8	7440-22-4	Silver	0.2	mg/kg	U	4.2	37		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	200.8	7440-28-0	Thallium	0.2	mg/kg	U	0.05	0.075		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	200.8	7440-62-2	Vanadium	36.3	mg/kg		7.8	37		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	6010B	7429-90-5	Aluminum	10500	mg/kg	J	50	7392		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	6010B	7440-39-3	Barium	115	mg/kg		330	1440		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	6010B	7440-70-2	Calcium	4770	mg/kg					
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	6010B	7440-47-3	Chromium	15.6	mg/kg		0.29	0.29		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	6010B	7440-50-8	Copper	28.4	mg/kg		28	298		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	6010B	7439-89-6	Iron	19600	mg/kg	J	5280	5280		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	6010B	7439-95-4	Magnesium	4260	mg/kg					
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	6010B	7439-96-5	Manganese	273	mg/kg	J	173	173		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	6010B	7440-02-0	Nickel	15	mg/kg		38	134		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	6010B	7440-09-7	Potassium	1480	mg/kg					
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	6010B	7440-23-5	Sodium	460	mg/kg					
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	6010B	7440-66-6	Zinc	138	mg/kg		46	2208		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	7131A	7440-43-9	Cadmium	0.57	mg/kg		0.36	0.68		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	7471A	7439-97-6	Mercury	0.07	mg/kg		0.013	1.1		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	7740	7782-49-2	Selenium	0.2	mg/kg	U	0.52	37		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8081A	72-54-8	4,4'-DDD	0.002	mg/kg	U	0.021	2.2		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8081A	72-55-9	4,4'-DDE	0.002	mg/kg	U	0.021	1.8		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8081A	50-29-3	4,4'-DDT	0.005	mg/kg	U	0.021	1.8		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8081A	309-00-2	Aldrin	0.00098	mg/kg	U	0.000085	0.031		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8081A	319-84-6	alpha-BHC	0.00098	mg/kg	U	0.0096	0.083		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8081A	5103-71-9	alpha-Chlordane	0.00098	mg/kg	U	0.27	1.7		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8081A	319-85-7	beta-BHC	0.0068	mg/kg	U	0.0096	0.086		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8081A	319-86-8	delta-BHC	0.00098	mg/kg	U	0.0096	0.083		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8081A	60-57-1	Dieldrin	0.002	mg/kg	U	0.0049	0.033		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8081A	959-98-8	Endosulfan I	0.00098	mg/kg	U	0.64	45		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8081A	33213-65-9	Endosulfan II	0.002	mg/kg	U	0.64	45		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8081A	1031-07-8	Endosulfan sulfate	0.002	mg/kg	U	0.64	36		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8081A	72-20-8	Endrin	0.002	mg/kg	U	0.0014	1.8		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8081A	7421-93-4	Endrin aldehyde	0.0055	mg/kg	U	0.0014	1.8		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8081A	53494-70-5	Endrin ketone	0.002	mg/kg	U	0.0014	1.8		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8081A	58-89-9	gamma-BHC (Lindane)	0.00098	mg/kg	U	0.0096	0.49		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8081A	5103-74-2	gamma-Chlordane	0.003	mg/kg	U	0.27	1.7		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8081A	76-44-8	Heptachlor	0.00098	mg/kg	U	0.0016	0.11		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8081A	1024-57-3	Heptachlor epoxide	0.00098	mg/kg	U	0.00015	0.055		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8081A	72-43-5	Methoxychlor	0.0098	mg/kg	U	5.1	31		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8081A	8001-35-2	Toxaphene	0.098	mg/kg	U	0.47	0.47		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8082	12674-11-2	Aroclor-1016	0.0039	mg/kg	U	0.041	0.1		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8082	11104-28-2	Aroclor-1221	0.0039	mg/kg	U	0.041	0.19		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8082	11141-16-5	Aroclor-1232	0.0039	mg/kg	U	0.041	0.16		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8082	53469-21-9	Aroclor-1242	0.0039	mg/kg	U	0.041	0.22		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8082	12672-29-6	Aroclor-1248	0.0039	mg/kg	U	0.041	0.22		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8082	11097-69-1	Aroclor-1254	0.0083	mg/kg		0.029	0.029		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8082	11096-82-5	Aroclor-1260	0.033	mg/kg		0.041	0.23		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	120-82-1	1,2,4-Trichlorobenzene	0.02	mg/kg	U	0.27	5.6		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	95-50-1	1,2-Dichlorobenzene	0.02	mg/kg	U	0.92	173		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	541-73-1	1,3-Dichlorobenzene	0.02	mg/kg	U	0.74	2.5		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	106-46-7	1,4-Dichlorobenzene	0.02	mg/kg	U	0.89	2.5		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	95-95-4	2,4,5-Trichlorophenol	0.099	mg/kg	U	4	605		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	88-06-2	2,4,6-Trichlorophenol	0.099	mg/kg	U	6	6		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	120-83-2	2,4-Dichlorophenol	0.099	mg/kg	U	0.05	18		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	105-67-9	2,4-Dimethylphenol	0.02	mg/kg	U	0.04	125		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	51-28-5	2,4-Dinitrophenol	0.2	mg/kg	U	0.061	12		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	121-14-2	2,4-Dinitrotoluene	0.099	mg/kg	U	1.6	1.6		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	606-20-2	2,6-Dinitrotoluene	0.099	mg/kg	U	0.3456	0.35		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	91-58-7	2-Chloronaphthalene	0.02	mg/kg	U	461	461		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	95-57-8	2-Chlorophenol	0.02	mg/kg	U	0.39	37		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	91-57-6	2-Methylnaphthalene	0.011	mg/kg	J	23	23		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	95-48-7	2-Methylphenol	0.02	mg/kg	U	0.67	307		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	88-74-4	2-Nitroaniline	0.099	mg/kg	U	5.3	60		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	88-75-5	2-Nitrophenol	0.099	mg/kg	U	5.1	1824		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	91-94-1	3,3'-Dichlorobenzidine	0.099	mg/kg	U	0.03	1.2		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	99-09-2	3-Nitroaniline	0.099	mg/kg	U	0.02	60		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.2	mg/kg	U	0.49	0.49		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	101-55-3	4-Bromophenyl phenyl ether	0.02	mg/kg	U				
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	59-50-7	4-Chloro-3-methylphenol	0.099	mg/kg	U	605	605		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	106-47-8	4-Chloroaniline	0.099	mg/kg	U	1	2.6		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.02	mg/kg	U				
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	106-44-5	4-Methylphenol	0.02	mg/kg	U	0.08	125		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	100-01-6	4-Nitroaniline	0.099	mg/kg	U	0.02	24		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	100-02-7	4-Nitrophenol	0.099	mg/kg	U	5.1	1824		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	83-32-9	Acenaphthene	0.17	mg/kg		29	346		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	208-96-8	Acenaphthylene	0.02	mg/kg	U	1.9	1.9		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	120-12-7	Anthracene	0.18	mg/kg		29	1728		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	56-55-3	Benzo(a)anthracene	1	mg/kg		1.1	1.1		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	50-32-8	Benzo(a)pyrene	1.6	mg/kg		0.11	0.11		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	205-99-2	Benzo(b)fluoranthene	1.6	mg/kg		1.1	1.1		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	191-24-2	Benzo(g,h,i)perylene	0.87	mg/kg		1.1	173		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	207-08-9	Benzo(k)fluoranthene	1.2	mg/kg		1.1	11		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	65-85-0	Benzoic acid	0.2	mg/kg	U	1	24000		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	100-51-6	Benzyl alcohol	0.02	mg/kg	U	120	605		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	111-91-1	Bis (2-chloroethoxy) methane	0.02	mg/kg	U	18	18		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	111-44-4	Bis (2-chloroethyl) ether	0.02	mg/kg	U	0.22	0.22		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.097	mg/kg		0.02	37		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	39638-32-9	bis(2-Chloroisopropyl) ether	0.02	mg/kg	U	298	298		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	85-68-7	Butyl benzylphthalate	0.02	mg/kg	U	90	278		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	86-74-8	Carbazole	0.078	mg/kg		7.5	7.5		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	218-01-9	Chrysene	1.3	mg/kg		1.1	106		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	53-70-3	Dibenzo(a,h)anthracene	0.24	mg/kg		0.1056	0.11		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	132-64-9	Dibenzofuran	0.031	mg/kg		6.1	7.5		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	84-66-2	Diethyl phthalate	0.02	mg/kg	U	100	4896		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	131-11-3	Dimethyl phthalate	0.02	mg/kg	U	10	37		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	84-74-2	Di-n-butylphthalate	0.099	mg/kg		0.011	605		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	117-84-0	Di-n-octylphthalate	0.02	mg/kg	U	0.91	60		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	206-44-0	Fluoranthene	2.7	mg/kg		1.1	230		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	86-73-7	Fluorene	0.073	mg/kg		29	230		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	118-74-1	Hexachlorobenzene	0.02	mg/kg	U	0.075	0.075		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	87-68-3	Hexachlorobutadiene	0.02	mg/kg	U	0.009	1.2		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	77-47-4	Hexachlorocyclopentadiene	0.099	mg/kg	U	0.001	0.17		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	67-72-1	Hexachloroethane	0.02	mg/kg	U	0.024	1.7		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.78	mg/kg		1.1	1.1		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	78-59-1	Isophorone	0.02	mg/kg	U	547	547		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	91-20-3	Naphthalene	0.02	mg/kg	U	1.9	1.9		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	98-95-3	Nitrobenzene	0.02	mg/kg	U	2.2	4.9		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	62-75-9	N-Nitrosodimethylamine	0.099	mg/kg	U	0.0019	0.0019		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	621-64-7	N-Nitrosodi-n-propylamine	0.099	mg/kg	U	0.075	0.075		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	86-30-6	N-Nitrosodiphenylamine	0.02	mg/kg	U	0.55	106		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	87-86-5	Pentachlorophenol	0.099	mg/kg	U	0.96	1		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	85-01-8	Phenanthrene	1.5	mg/kg		29	1728		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	108-95-2	Phenol	0.02	mg/kg	U	0.79	1824		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	8270D	129-00-0	Pyrene	3.1	mg/kg		1.1	173		
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	2.1913	mg/kg					
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	14.39	mg/kg		1.1			
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	1.963	mg/kg		29			
BIL04USE	723625.199	7835050.034	4/10/2007	0.5 - 0.5	SO	N	070410BIL04SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0452	mg/kg		0.0073	0.23		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	8082	12674-11-2	Aroclor-1016	0.00123	mg/kg	U	0.041	0.1		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	8082	11104-28-2	Aroclor-1221	0.00528	mg/kg	U	0.041	0.19		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	8082	11141-16-5	Aroclor-1232	0.00421	mg/kg	U	0.041	0.16		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	8082	53469-21-9	Aroclor-1242	0.00225	mg/kg	U	0.041	0.22		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	8082	12672-29-6	Aroclor-1248	0.0056	mg/kg	U	0.041	0.22		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	8082	11097-69-1	Aroclor-1254	0.00175	mg/kg	U	0.029	0.029		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	8082	11096-82-5	Aroclor-1260	0.0102	mg/kg	J	0.041	0.23		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	Krone	1002-53-5	Dibutyltin	0.000711	mg/kg	U	1.8	1.8		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	Krone	78763-54-9	Monobutyltin	0.00157	mg/kg	U	2.2	2.2		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	Krone	1461-25-2	Tetrabutyltin	0.000549	mg/kg	U	2.2	2.2		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	Krone	688-73-3	Tributyltin	0.00113	mg/kg	U	2.2	2.2		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7429-90-5	Aluminum	6480	mg/kg		50	7392		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7440-36-0	Antimony	0.987	mg/kg		0.27	3		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7440-38-2	Arsenic	4.88	mg/kg		0.43	0.43		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7440-39-3	Barium	87.4	mg/kg	J	330	1440		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7440-41-7	Beryllium	0.297	mg/kg	J	15	15		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7440-43-9	Cadmium	1.23	mg/kg		0.36	0.68		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7440-70-2	Calcium	5410	mg/kg					
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7440-47-3	Chromium	13.7	mg/kg		0.29	0.29		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7440-48-4	Cobalt	10.1	mg/kg		2.2	2.2		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7440-50-8	Copper	27.9	mg/kg	J	28	298		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7439-89-6	Iron	21900	mg/kg		5280	5280		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7439-92-1	Lead	20.3	mg/kg	J	11	192		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7439-95-4	Magnesium	5310	mg/kg					
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7439-96-5	Manganese	304	mg/kg	J	173	173		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7439-97-6	Mercury	0.0763	mg/kg		0.013	1.1		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7440-02-0	Nickel	14.4	mg/kg	J	38	134		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7440-09-7	Potassium	367	mg/kg	J				
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7782-49-2	Selenium	0.106	mg/kg	J	0.52	37		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7440-22-4	Silver	0.14	mg/kg	J	4.2	37		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7440-23-5	Sodium	161	mg/kg	U				
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7440-28-0	Thallium	0.148	mg/kg		0.05	0.075		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7440-62-2	Vanadium	40.2	mg/kg		7.8	37		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	METALS	7440-66-6	Zinc	105	mg/kg	J	46	2208		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	NWTPH-Dx	TPH-D	Diesel Range Organics	449	mg/kg		260	1100		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	NWTPH-Dx	MOIL	Residual Range Organics	2840	mg/kg		260	2800		
BIL05	723610.141	7834919.643	10/16/2001	8 - 8	SO	N	011016BIL05SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0176	mg/kg		0.0073	0.23		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8081 Pest	72-54-8	4,4'-DDD	0.0051	mg/kg	U	0.021	2.2		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8081 Pest	72-55-9	4,4'-DDE	0.0036	mg/kg	U	0.021	1.8		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8081 Pest	50-29-3	4,4'-DDT	0.013	mg/kg	U	0.021	1.8		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8081 Pest	309-00-2	Aldrin	0.0018	mg/kg	U	0.000085	0.031		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8081 Pest	319-84-6	alpha-BHC	0.0018	mg/kg	U	0.0096	0.083		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8081 Pest	5103-71-9	alpha-Chlordane	0.004	mg/kg		0.27	1.7		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8081 Pest	319-85-7	beta-BHC	0.0018	mg/kg	U	0.0096	0.086		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8081 Pest	319-86-8	delta-BHC	0.0018	mg/kg	U	0.0096	0.083		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8081 Pest	60-57-1	Dieldrin	0.0036	mg/kg	U	0.0049	0.033		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8081 Pest	959-98-8	Endosulfan I	0.0018	mg/kg	U	0.64	45		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8081 Pest	33213-65-9	Endosulfan II	0.0036	mg/kg	U	0.64	45		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.0036	mg/kg	U	0.64	36		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8081 Pest	72-20-8	Endrin	0.0036	mg/kg	U	0.0014	1.8		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8081 Pest	7421-93-4	Endrin aldehyde	0.0036	mg/kg	U	0.0014	1.8		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8081 Pest	53494-70-5	Endrin ketone	0.0036	mg/kg	U	0.0014	1.8		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.0018	mg/kg	U	0.0096	0.49		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8081 Pest	5103-74-2	gamma-Chlordane	0.0024	mg/kg	U	0.27	1.7		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8081 Pest	76-44-8	Heptachlor	0.0018	mg/kg	U	0.0016	0.11		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.002	mg/kg	U	0.00015	0.055		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8081 Pest	72-43-5	Methoxychlor	0.018	mg/kg	U	5.1	31		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8081 Pest	8001-35-2	Toxaphene	0.036	mg/kg	U	0.47	0.47		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8151	93-76-5	2,4,5-T	0.0033	mg/kg	U	60	60		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8151	93-72-1	2,4,5-TP (Silvex)	0.0025	mg/kg	U	0.055	49		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8151	94-75-7	2,4-D	0.022	mg/kg	U	67	67		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8151	94-82-6	2,4-DB	0.011	mg/kg	U				
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.18	mg/kg	U				
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8151	75-99-0	Dalapon	0.043	mg/kg	U	182	182		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8151	1918-00-9	Dicamba	0.0057	mg/kg	U	182	182		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8151	88-85-7	Dinoseb	0.016	mg/kg	U	0.015	6		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8151	94-74-6	MCPA	1.1	mg/kg	U	3.1	3.1		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8151	93-65-2	MCPP	1.1	mg/kg	U	6	6		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.0022	mg/kg	U	0.07	1.9		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	71-55-6	1,1,1-Trichloroethane	0.0022	mg/kg	U	260	778		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.0022	mg/kg	U	0.13	0.58		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	79-00-5	1,1,2-Trichloroethane	0.0022	mg/kg	U	0.14	0.14		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	75-34-3	1,1-Dichloroethane	0.0022	mg/kg	U	3.5	3.5		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	75-35-4	1,1-Dichloroethene	0.0022	mg/kg	U	11	22		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	563-58-6	1,1-Dichloropropene	0.0022	mg/kg	U	0.001	1.7		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.0054	mg/kg	U	6	6		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	96-18-4	1,2,3-Trichloropropane	0.0022	mg/kg	U	0.0049	0.0049		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	120-82-1	1,2,4-Trichlorobenzene	0.0054	mg/kg	U	0.27	5.6		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.0022	mg/kg	U	0.09	29		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.0054	mg/kg	U	0.0051	0.0051		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.0022	mg/kg	U	0.035	0.035		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	95-50-1	1,2-Dichlorobenzene	0.0022	mg/kg	U	0.92	173		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	107-06-2	1,2-Dichloroethane	0.0022	mg/kg	U	0.44	0.44		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	78-87-5	1,2-Dichloropropane	0.0022	mg/kg	U	0.28	1.5		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.0022	mg/kg	U	0.16	26		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	541-73-1	1,3-Dichlorobenzene	0.0022	mg/kg	U	0.74	2.5		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	142-28-9	1,3-Dichloropropane	0.0022	mg/kg	U	0.28	154		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	106-46-7	1,4-Dichlorobenzene	0.0022	mg/kg	U	0.89	2.5		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	594-20-7	2,2-Dichloropropane	0.0022	mg/kg	U	0.28	1.5		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	95-49-8	2-Chlorotoluene	0.0022	mg/kg	U	154	154		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	591-78-6	2-Hexanone	0.011	mg/kg	U	0.36	19		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	106-43-4	4-Chlorotoluene	0.0022	mg/kg	U	154	154		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	67-64-1	Acetone	0.011	mg/kg	U	1.2	6720		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	71-43-2	Benzene	0.0022	mg/kg	U	1.2	1.2		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	108-86-1	Bromobenzene	0.0022	mg/kg	U	28	28		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	74-97-5	Bromochloromethane	0.0022	mg/kg	U	3.4	3.4		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	75-27-4	Bromodichloromethane	0.0022	mg/kg	U	0.28	0.28		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	75-25-2	Bromoform	0.0022	mg/kg	U	0.07	18		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	74-83-9	Bromomethane	0.0054	mg/kg	U	0.002	0.65		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	75-15-0	Carbon disulfide	0.011	mg/kg	U	0.81	74		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	56-23-5	Carbon tetrachloride	0.0022	mg/kg	U	0.62	0.62		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	108-90-7	Chlorobenzene	0.0022	mg/kg	U	2.4	27		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	75-00-3	Chloroethane	0.0022	mg/kg	U	518	518		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	67-66-3	Chloroform	0.0022	mg/kg	U	0.31	0.31		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	74-87-3	Chloromethane	0.0054	mg/kg	U	11	11		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	156-59-2	cis-1,2-Dichloroethene	0.0022	mg/kg	U	6	6		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.0022	mg/kg	U	0.001	1.7		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	124-48-1	Dibromochloromethane	0.0022	mg/kg	U	3.7	3.7		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	74-95-3	Dibromomethane	0.0022	mg/kg	U	2.304	2.3		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	75-71-8	Dichlorodifluoromethane	0.0022	mg/kg	U	8.4	8.4		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	100-41-4	Ethylbenzene	0.0022	mg/kg	U	0.27	5.6		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	87-68-3	Hexachlorobutadiene	0.0054	mg/kg	U	0.009	1.2		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	98-82-8	Isopropylbenzene	0.0022	mg/kg	U	0.04	182		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	179601-23-1	m,p-Xylene	0.0022	mg/kg	U	1.4	53		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	78-93-3	MEK (2-Butanone)	0.011	mg/kg	U	350	2592		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	75-09-2	Methylene chloride	0.011	mg/kg	U	2.6	34		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	0.011	mg/kg	U	9.7	3168		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	104-51-8	n-Butylbenzene	0.0022	mg/kg	U	374	374		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	103-65-1	n-Propylbenzene	0.0022	mg/kg	U	365	365		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	95-47-6	o-Xylene	0.0022	mg/kg	U	1.4	61		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	99-87-6	p-Cymene	0.0022	mg/kg	U	0.18	182		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	135-98-8	sec-Butylbenzene	0.0054	mg/kg	U	749	749		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	100-42-5	Styrene	0.0022	mg/kg	U	1.2	576		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	98-06-6	tert-Butylbenzene	0.0022	mg/kg	U	749	749		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	127-18-4	Tetrachloroethene	0.065	mg/kg		0.18	7.8		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	108-88-3	Toluene	0.0053	mg/kg		23	470		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	156-60-5	trans-1,2-Dichloroethene	0.0022	mg/kg	U	6.7	6.7		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.0022	mg/kg	U	0.001	1.7		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	79-01-6	Trichloroethene	0.0022	mg/kg	U	0.39	0.39		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	75-69-4	Trichlorofluoromethane	0.0022	mg/kg	U	52	2208		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	108-05-4	Vinyl acetate	0.011	mg/kg	U	87	87		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8260	75-01-4	Vinyl chloride	0.0022	mg/kg	U	0.057	0.057		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	95-95-4	2,4,5-Trichlorophenol	0.9	mg/kg	U	4	605		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	88-06-2	2,4,6-Trichlorophenol	0.18	mg/kg	U	6	6		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	120-83-2	2,4-Dichlorophenol	0.18	mg/kg	U	0.05	18		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	105-67-9	2,4-Dimethylphenol	0.18	mg/kg	U	0.04	125		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	51-28-5	2,4-Dinitrophenol	0.9	mg/kg	U	0.061	12		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	121-14-2	2,4-Dinitrotoluene	0.18	mg/kg	U	1.6	1.6		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	606-20-2	2,6-Dinitrotoluene	0.18	mg/kg	U	0.3456	0.35		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	91-58-7	2-Chloronaphthalene	0.18	mg/kg	U	461	461		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	95-57-8	2-Chlorophenol	0.18	mg/kg	U	0.39	37		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	91-57-6	2-Methylnaphthalene	0.18	mg/kg	U	23	23		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	95-48-7	2-Methylphenol	0.18	mg/kg	U	0.67	307		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	88-74-4	2-Nitroaniline	0.9	mg/kg	U	5.3	60		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	88-75-5	2-Nitrophenol	0.18	mg/kg	U	5.1	1824		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	91-94-1	3,3'-Dichlorobenzidine	0.35	mg/kg	U	0.03	1.2		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	99-09-2	3-Nitroaniline	0.9	mg/kg	U	0.02	60		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.9	mg/kg	U	0.49	0.49		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.18	mg/kg	U				
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	59-50-7	4-Chloro-3-methylphenol	0.18	mg/kg	U	605	605		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	106-47-8	4-Chloroaniline	0.18	mg/kg	U	1	2.6		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.18	mg/kg	U				
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	106-44-5	4-Methylphenol	0.18	mg/kg	U	0.08	125		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	100-01-6	4-Nitroaniline	0.9	mg/kg	U	0.02	24		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	100-02-7	4-Nitrophenol	0.9	mg/kg	U	5.1	1824		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	83-32-9	Acenaphthene	0.5	mg/kg		29	346		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	208-96-8	Acenaphthylene	0.18	mg/kg	U	1.9	1.9		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	62-53-3	Aniline	0.18	mg/kg	U	42	42		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	120-12-7	Anthracene	0.46	mg/kg		29	1728		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	92-87-5	Benzidine	1.8	mg/kg	U	0.00051	0.00051		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	56-55-3	Benzo(a)anthracene	2.2	mg/kg		1.1	1.1		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	50-32-8	Benzo(a)pyrene	2.2	mg/kg		0.11	0.11		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	205-99-2	Benzo(b)fluoranthene	0.34	mg/kg	J	1.1	1.1		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	191-24-2	Benzo(g,h,i)perylene	1.8	mg/kg		1.1	173		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	207-08-9	Benzo(k)fluoranthene	0.34	mg/kg	J	1.1	11		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	65-85-0	Benzoic acid	0.9	mg/kg	U	1	24000		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	100-51-6	Benzyl alcohol	0.18	mg/kg	U	120	605		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.18	mg/kg	U	18	18		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.18	mg/kg	U	0.22	0.22		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	5.1	mg/kg		0.02	37		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.18	mg/kg	U	298	298		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	85-68-7	Butyl benzylphthalate	0.18	mg/kg	U	90	278		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	86-74-8	Carbazole	0.22	mg/kg		7.5	7.5		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	218-01-9	Chrysene	1.7	mg/kg		1.1	106		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	53-70-3	Dibenzo(a,h)anthracene	0.54	mg/kg	J	0.1056	0.11		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	132-64-9	Dibenzofuran	0.076	mg/kg	J	6.1	7.5		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	84-66-2	Diethyl phthalate	0.044	mg/kg	J	100	4896		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	131-11-3	Dimethyl phthalate	0.18	mg/kg	U	10	37		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	84-74-2	Di-n-butylphthalate	0.18	mg/kg	U	0.011	605		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	117-84-0	Di-n-octylphthalate	0.73	mg/kg	U	0.91	60		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	206-44-0	Fluoranthene	3.3	mg/kg		1.1	230		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	86-73-7	Fluorene	0.17	mg/kg	J	29	230		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	118-74-1	Hexachlorobenzene	0.18	mg/kg	U	0.075	0.075		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	77-47-4	Hexachlorocyclopentadiene	0.18	mg/kg	U	0.001	0.17		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	67-72-1	Hexachloroethane	0.18	mg/kg	U	0.024	1.7		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	1.7	mg/kg		1.1	1.1		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	78-59-1	Isophorone	0.18	mg/kg	U	547	547		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	91-20-3	Naphthalene	0.019	mg/kg	J	1.9	1.9		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	98-95-3	Nitrobenzene	0.18	mg/kg	U	2.2	4.9		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	62-75-9	N-Nitrosodimethylamine	0.18	mg/kg	U	0.0019	0.0019		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.18	mg/kg	U	0.075	0.075		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	86-30-6	N-Nitrosodiphenylamine	0.18	mg/kg	U	0.55	106		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	87-86-5	Pentachlorophenol	0.9	mg/kg	U	0.96	1		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	85-01-8	Phenanthrene	1.9	mg/kg		29	1728		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	108-95-2	Phenol	0.18	mg/kg	U	0.79	1824		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	8270	129-00-0	Pyrene	3.2	mg/kg		1.1	173		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	3.1691	mg/kg					
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	17.32	mg/kg		1.1			
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	3.143	mg/kg		29			
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	METALS	7440-36-0	Antimony	4.2	mg/kg		0.27	3		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	METALS	7440-38-2	Arsenic	30.1	mg/kg		0.43	0.43		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	METALS	7440-39-3	Barium	204	mg/kg		330	1440		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	METALS	7440-41-7	Beryllium	0.46	mg/kg		15	15		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	METALS	7440-43-9	Cadmium	1.3	mg/kg		0.36	0.68		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	METALS	7440-47-3	Chromium	237	mg/kg		0.29	0.29		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	METALS	7440-50-8	Copper	494	mg/kg		28	298		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	METALS	7439-89-6	Iron	37000	mg/kg		5280	5280		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	METALS	7439-92-1	Lead	486	mg/kg		11	192		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	METALS	7439-96-5	Manganese	714	mg/kg		173	173		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	METALS	7439-97-6	Mercury	0.84	mg/kg		0.013	1.1		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	METALS	7440-02-0	Nickel	170	mg/kg		38	134		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	METALS	7782-49-2	Selenium	1.4	mg/kg	U	0.52	37		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	METALS	7440-22-4	Silver	1.5	mg/kg		4.2	37		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	METALS	7440-28-0	Thallium	0.28	mg/kg	U	0.05	0.075		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	METALS	7440-66-6	Zinc	635	mg/kg		46	2208		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	NWTPH_HCID	TPH-G	Gasoline Range Organics	20	mg/kg		120	1200		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	NWTPH-Dx	TPH-D	Diesel Range Organics	300	mg/kg		260	1100		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	NWTPH-Dx	MOIL	Residual Range Organics	1700	mg/kg		260	2800		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	PCBS	12674-11-2	Aroclor-1016	0.036	mg/kg	UJ	0.041	0.1		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	PCBS	11104-28-2	Aroclor-1221	0.036	mg/kg	UJ	0.041	0.19		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	PCBS	11141-16-5	Aroclor-1232	0.036	mg/kg	UJ	0.041	0.16		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	PCBS	53469-21-9	Aroclor-1242	0.036	mg/kg	UJ	0.041	0.22		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	PCBS	12672-29-6	Aroclor-1248	0.036	mg/kg	UJ	0.041	0.22		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	PCBS	11097-69-1	Aroclor-1254	0.036	mg/kg	UJ	0.029	0.029		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	PCBS	11096-82-5	Aroclor-1260	0.16	mg/kg	J	0.041	0.23		
BIL05SSI	723585.413	7834860.831	9/20/1999	0 - 0.5	SO	N	990920BIL05SS	Tot_Aroclor_Calc	PCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.232	mg/kg		0.0073	0.23		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	200.8	7440-36-0	Antimony	0.2	mg/kg	UJ	0.27	3		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	200.8	7440-38-2	Arsenic	3.3	mg/kg		0.43	0.43		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	200.8	7440-41-7	Beryllium	0.3	mg/kg		15	15		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	200.8	7440-48-4	Cobalt	6.4	mg/kg	J	2.2	2.2		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	200.8	7439-92-1	Lead	49	mg/kg	J	11	192		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	200.8	7440-22-4	Silver	0.4	mg/kg		4.2	37		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	200.8	7440-28-0	Thallium	0.2	mg/kg	U	0.05	0.075		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	200.8	7440-62-2	Vanadium	36	mg/kg		7.8	37		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	6010B	7429-90-5	Aluminum	10800	mg/kg	J	50	7392		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	6010B	7440-39-3	Barium	120	mg/kg		330	1440		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	6010B	7440-70-2	Calcium	4500	mg/kg					
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	6010B	7440-47-3	Chromium	16.1	mg/kg		0.29	0.29		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	6010B	7440-50-8	Copper	24.4	mg/kg		28	298		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	6010B	7439-89-6	Iron	19600	mg/kg	J	5280	5280		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	6010B	7439-95-4	Magnesium	4330	mg/kg					
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	6010B	7439-96-5	Manganese	263	mg/kg	J	173	173		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	6010B	7440-02-0	Nickel	15	mg/kg		38	134		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	6010B	7440-09-7	Potassium	1570	mg/kg					
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	6010B	7440-23-5	Sodium	480	mg/kg					
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	6010B	7440-66-6	Zinc	144	mg/kg		46	2208		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	7131A	7440-43-9	Cadmium	0.57	mg/kg		0.36	0.68		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	7471A	7439-97-6	Mercury	0.23	mg/kg		0.013	1.1		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	7740	7782-49-2	Selenium	0.2	mg/kg	U	0.52	37		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8081A	72-54-8	4,4'-DDD	0.002	mg/kg	U	0.021	2.2		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8081A	72-55-9	4,4'-DDE	0.002	mg/kg	U	0.021	1.8		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8081A	50-29-3	4,4'-DDT	0.002	mg/kg	U	0.021	1.8		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8081A	309-00-2	Aldrin	0.00099	mg/kg	U	0.000085	0.031		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8081A	319-84-6	alpha-BHC	0.00099	mg/kg	U	0.0096	0.083		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8081A	5103-71-9	alpha-Chlordane	0.00099	mg/kg	U	0.27	1.7		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8081A	319-85-7	beta-BHC	0.00099	mg/kg	U	0.0096	0.086		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8081A	319-86-8	delta-BHC	0.00099	mg/kg	U	0.0096	0.083		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8081A	60-57-1	Dieldrin	0.002	mg/kg	U	0.0049	0.033		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8081A	959-98-8	Endosulfan I	0.00099	mg/kg	U	0.64	45		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8081A	33213-65-9	Endosulfan II	0.002	mg/kg	U	0.64	45		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8081A	1031-07-8	Endosulfan sulfate	0.002	mg/kg	U	0.64	36		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8081A	72-20-8	Endrin	0.002	mg/kg	U	0.0014	1.8		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8081A	7421-93-4	Endrin aldehyde	0.002	mg/kg	U	0.0014	1.8		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8081A	53494-70-5	Endrin ketone	0.002	mg/kg	U	0.0014	1.8		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8081A	58-89-9	gamma-BHC (Lindane)	0.00099	mg/kg	U	0.0096	0.49		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8081A	5103-74-2	gamma-Chlordane	0.00099	mg/kg	U	0.27	1.7		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8081A	76-44-8	Heptachlor	0.00099	mg/kg	U	0.0016	0.11		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8081A	1024-57-3	Heptachlor epoxide	0.00099	mg/kg	U	0.00015	0.055		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8081A	72-43-5	Methoxychlor	0.0099	mg/kg	U	5.1	31		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8081A	8001-35-2	Toxaphene	0.099	mg/kg	U	0.47	0.47		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8082	12674-11-2	Aroclor-1016	0.004	mg/kg	U	0.041	0.1		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8082	11104-28-2	Aroclor-1221	0.004	mg/kg	U	0.041	0.19		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8082	11141-16-5	Aroclor-1232	0.004	mg/kg	U	0.041	0.16		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8082	53469-21-9	Aroclor-1242	0.004	mg/kg	U	0.041	0.22		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8082	12672-29-6	Aroclor-1248	0.004	mg/kg	U	0.041	0.22		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8082	11097-69-1	Aroclor-1254	0.004	mg/kg	U	0.029	0.029		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8082	11096-82-5	Aroclor-1260	0.012	mg/kg		0.041	0.23		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	120-82-1	1,2,4-Trichlorobenzene	0.02	mg/kg	U	0.27	5.6		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	95-50-1	1,2-Dichlorobenzene	0.02	mg/kg	U	0.92	173		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	541-73-1	1,3-Dichlorobenzene	0.02	mg/kg	U	0.74	2.5		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	106-46-7	1,4-Dichlorobenzene	0.02	mg/kg	U	0.89	2.5		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	95-95-4	2,4,5-Trichlorophenol	0.099	mg/kg	U	4	605		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	88-06-2	2,4,6-Trichlorophenol	0.099	mg/kg	U	6	6		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	120-83-2	2,4-Dichlorophenol	0.099	mg/kg	U	0.05	18		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	105-67-9	2,4-Dimethylphenol	0.02	mg/kg	U	0.04	125		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	51-28-5	2,4-Dinitrophenol	0.2	mg/kg	U	0.061	12		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	121-14-2	2,4-Dinitrotoluene	0.099	mg/kg	U	1.6	1.6		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	606-20-2	2,6-Dinitrotoluene	0.099	mg/kg	U	0.3456	0.35		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	91-58-7	2-Chloronaphthalene	0.02	mg/kg	U	461	461		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	95-57-8	2-Chlorophenol	0.02	mg/kg	U	0.39	37		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	91-57-6	2-Methylnaphthalene	0.02	mg/kg	U	23	23		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	95-48-7	2-Methylphenol	0.02	mg/kg	U	0.67	307		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	88-74-4	2-Nitroaniline	0.099	mg/kg	U	5.3	60		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	88-75-5	2-Nitrophenol	0.099	mg/kg	U	5.1	1824		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	91-94-1	3,3'-Dichlorobenzidine	0.099	mg/kg	U	0.03	1.2		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	99-09-2	3-Nitroaniline	0.099	mg/kg	U	0.02	60		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.2	mg/kg	U	0.49	0.49		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	101-55-3	4-Bromophenyl phenyl ether	0.02	mg/kg	U				
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	59-50-7	4-Chloro-3-methylphenol	0.099	mg/kg	U	605	605		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	106-47-8	4-Chloroaniline	0.099	mg/kg	U	1	2.6		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.02	mg/kg	U				
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	106-44-5	4-Methylphenol	0.02	mg/kg	U	0.08	125		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	100-01-6	4-Nitroaniline	0.099	mg/kg	U	0.02	24		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	100-02-7	4-Nitrophenol	0.099	mg/kg	U	5.1	1824		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	83-32-9	Acenaphthene	0.02	mg/kg	U	29	346		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	208-96-8	Acenaphthylene	0.02	mg/kg	U	1.9	1.9		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	120-12-7	Anthracene	0.015	mg/kg	J	29	1728		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	56-55-3	Benzo(a)anthracene	0.078	mg/kg		1.1	1.1		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	50-32-8	Benzo(a)pyrene	0.085	mg/kg		0.11	0.11		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	205-99-2	Benzo(b)fluoranthene	0.11	mg/kg		1.1	1.1		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	191-24-2	Benzo(g,h,i)perylene	0.067	mg/kg		1.1	173		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	207-08-9	Benzo(k)fluoranthene	0.077	mg/kg		1.1	11		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	65-85-0	Benzoic acid	0.2	mg/kg	U	1	24000		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	100-51-6	Benzyl alcohol	0.02	mg/kg	U	120	605		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	111-91-1	Bis (2-chloroethoxy) methane	0.02	mg/kg	U	18	18		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	111-44-4	Bis (2-chloroethyl) ether	0.02	mg/kg	U	0.22	0.22		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.092	mg/kg		0.02	37		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	39638-32-9	bis(2-Chloroisopropyl) ether	0.02	mg/kg	U	298	298		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	85-68-7	Butyl benzylphthalate	0.02	mg/kg	U	90	278		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	86-74-8	Carbazole	0.02	mg/kg	U	7.5	7.5		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	218-01-9	Chrysene	0.096	mg/kg		1.1	106		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	53-70-3	Dibenzo(a,h)anthracene	0.029	mg/kg		0.1056	0.11		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	132-64-9	Dibenzofuran	0.02	mg/kg	U	6.1	7.5		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	84-66-2	Diethyl phthalate	0.02	mg/kg	U	100	4896		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	131-11-3	Dimethyl phthalate	0.02	mg/kg	U	10	37		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	84-74-2	Di-n-butylphthalate	0.015	mg/kg	J	0.011	605		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	117-84-0	Di-n-octylphthalate	0.02	mg/kg	U	0.91	60		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	206-44-0	Fluoranthene	0.15	mg/kg		1.1	230		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	86-73-7	Fluorene	0.02	mg/kg	U	29	230		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	118-74-1	Hexachlorobenzene	0.02	mg/kg	U	0.075	0.075		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	87-68-3	Hexachlorobutadiene	0.02	mg/kg	U	0.009	1.2		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	77-47-4	Hexachlorocyclopentadiene	0.099	mg/kg	U	0.001	0.17		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	67-72-1	Hexachloroethane	0.02	mg/kg	U	0.024	1.7		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.058	mg/kg		1.1	1.1		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	78-59-1	Isophorone	0.02	mg/kg	U	547	547		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	91-20-3	Naphthalene	0.02	mg/kg	U	1.9	1.9		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	98-95-3	Nitrobenzene	0.02	mg/kg	U	2.2	4.9		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	62-75-9	N-Nitrosodimethylamine	0.099	mg/kg	U	0.0019	0.0019		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	621-64-7	N-Nitrosodi-n-propylamine	0.099	mg/kg	U	0.075	0.075		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	86-30-6	N-Nitrosodiphenylamine	0.02	mg/kg	U	0.55	106		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	87-86-5	Pentachlorophenol	0.099	mg/kg	U	0.96	1		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	85-01-8	Phenanthrene	0.066	mg/kg		29	1728		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	108-95-2	Phenol	0.02	mg/kg	U	0.79	1824		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	8270D	129-00-0	Pyrene	0.13	mg/kg		1.1	173		
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.139466	mg/kg					
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.88	mg/kg		1.1			
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.141	mg/kg		29			
BIL05USE	723626.418	7835039.166	4/10/2007	0.5 - 0.5	SO	N	070410BIL05SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.02	mg/kg		0.0073	0.23		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	8082	12674-11-2	Aroclor-1016	0.00118	mg/kg	U	0.041	0.1		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	8082	11104-28-2	Aroclor-1221	0.00507	mg/kg	U	0.041	0.19		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	8082	11141-16-5	Aroclor-1232	0.00404	mg/kg	U	0.041	0.16		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	8082	53469-21-9	Aroclor-1242	0.00216	mg/kg	U	0.041	0.22		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	8082	12672-29-6	Aroclor-1248	0.00538	mg/kg	U	0.041	0.22		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	8082	11097-69-1	Aroclor-1254	0.0267	mg/kg		0.029	0.029		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	8082	11096-82-5	Aroclor-1260	0.0128	mg/kg		0.041	0.23		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	Krone	1002-53-5	Dibutyltin	0.000716	mg/kg	U	1.8	1.8		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	Krone	78763-54-9	Monobutyltin	0.00158	mg/kg	U	2.2	2.2		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	Krone	1461-25-2	Tetrabutyltin	0.000553	mg/kg	U	2.2	2.2		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	Krone	688-73-3	Tributyltin	0.00114	mg/kg	U	2.2	2.2		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7429-90-5	Aluminum	6080	mg/kg		50	7392		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7440-36-0	Antimony	0.974	mg/kg		0.27	3		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7440-38-2	Arsenic	4.24	mg/kg		0.43	0.43		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7440-39-3	Barium	116	mg/kg	J	330	1440		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7440-41-7	Beryllium	0.288	mg/kg	J	15	15		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7440-43-9	Cadmium	1.51	mg/kg		0.36	0.68		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7440-70-2	Calcium	5420	mg/kg					
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7440-47-3	Chromium	17.6	mg/kg		0.29	0.29		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7440-48-4	Cobalt	8.81	mg/kg		2.2	2.2		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7440-50-8	Copper	57.9	mg/kg	J	28	298		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7439-89-6	Iron	22900	mg/kg		5280	5280		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7439-92-1	Lead	163	mg/kg	J	11	192		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7439-95-4	Magnesium	4630	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7439-96-5	Manganese	296	mg/kg	J	173	173		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7439-97-6	Mercury	0.479	mg/kg		0.013	1.1		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7440-02-0	Nickel	14.1	mg/kg	J	38	134		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7440-09-7	Potassium	456	mg/kg					
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7782-49-2	Selenium	0.273	mg/kg	J	0.52	37		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7440-22-4	Silver	0.22	mg/kg	J	4.2	37		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7440-23-5	Sodium	156	mg/kg	U				
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7440-28-0	Thallium	0.118	mg/kg		0.05	0.075		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7440-62-2	Vanadium	37.9	mg/kg		7.8	37		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	METALS	7440-66-6	Zinc	331	mg/kg	J	46	2208		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	NWTPH-Dx	TPH-D	Diesel Range Organics	1280	mg/kg		260	1100		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	NWTPH-Dx	MOIL	Residual Range Organics	5900	mg/kg		260	2800		
BIL06	723608.113	7834925.908	10/16/2001	8 - 8	SO	N	011016BIL06SS	Tot_Aroclor_Calc	PCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.0449	mg/kg		0.0073	0.23		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8081 Pest	72-54-8	4,4'-DDD	0.009	mg/kg	U	0.021	2.2		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8081 Pest	72-55-9	4,4'-DDE	0.0035	mg/kg	U	0.021	1.8		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8081 Pest	50-29-3	4,4'-DDT	0.0035	mg/kg	U	0.021	1.8		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8081 Pest	309-00-2	Aldrin	0.0018	mg/kg	U	0.000085	0.031		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8081 Pest	319-84-6	alpha-BHC	0.0018	mg/kg	U	0.0096	0.083		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8081 Pest	5103-71-9	alpha-Chlordane	0.005	mg/kg	U	0.27	1.7		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8081 Pest	319-85-7	beta-BHC	0.0018	mg/kg	U	0.0096	0.086		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8081 Pest	319-86-8	delta-BHC	0.0018	mg/kg	U	0.0096	0.083		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8081 Pest	60-57-1	Dieldrin	0.0035	mg/kg	U	0.0049	0.033		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8081 Pest	959-98-8	Endosulfan I	0.0018	mg/kg	U	0.64	45		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8081 Pest	33213-65-9	Endosulfan II	0.0035	mg/kg	U	0.64	45		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.0035	mg/kg	U	0.64	36		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8081 Pest	72-20-8	Endrin	0.0035	mg/kg	U	0.0014	1.8		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8081 Pest	7421-93-4	Endrin aldehyde	0.0055	mg/kg	U	0.0014	1.8		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8081 Pest	53494-70-5	Endrin ketone	0.0035	mg/kg	U	0.0014	1.8		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.0018	mg/kg	U	0.0096	0.49		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8081 Pest	5103-74-2	gamma-Chlordane	0.0024	mg/kg	U	0.27	1.7		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8081 Pest	76-44-8	Heptachlor	0.0018	mg/kg	U	0.0016	0.11		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.0018	mg/kg	U	0.00015	0.055		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8081 Pest	72-43-5	Methoxychlor	0.018	mg/kg	U	5.1	31		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8081 Pest	8001-35-2	Toxaphene	0.035	mg/kg	U	0.47	0.47		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8151	93-76-5	2,4,5-T	0.0032	mg/kg	U	60	60		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8151	93-72-1	2,4,5-TP (Silvex)	0.014	mg/kg	U	0.055	49		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8151	94-75-7	2,4-D	0.024	mg/kg	U	67	67		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8151	94-82-6	2,4-DB	0.01	mg/kg	U				
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.16	mg/kg	U				
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8151	75-99-0	Dalapon	0.042	mg/kg	U	182	182		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8151	1918-00-9	Dicamba	0.0021	mg/kg	U	182	182		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8151	88-85-7	Dinoseb	0.01	mg/kg	U	0.015	6		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8151	94-74-6	MCPA	3.3	mg/kg	U	3.1	3.1		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8151	93-65-2	MCPP	11	mg/kg	U	6	6		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.0021	mg/kg	U	0.07	1.9		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	71-55-6	1,1,1-Trichloroethane	0.0021	mg/kg	U	260	778		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.0021	mg/kg	U	0.13	0.58		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	79-00-5	1,1,2-Trichloroethane	0.0021	mg/kg	U	0.14	0.14		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	75-34-3	1,1-Dichloroethane	0.0021	mg/kg	U	3.5	3.5		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	75-35-4	1,1-Dichloroethene	0.0021	mg/kg	U	11	22		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	563-58-6	1,1-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.0053	mg/kg	U	6	6		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	96-18-4	1,2,3-Trichloropropane	0.0021	mg/kg	U	0.0049	0.0049		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	120-82-1	1,2,4-Trichlorobenzene	0.0053	mg/kg	U	0.27	5.6		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.0021	mg/kg	U	0.09	29		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.0053	mg/kg	U	0.0051	0.0051		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.0021	mg/kg	U	0.035	0.035		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	95-50-1	1,2-Dichlorobenzene	0.0021	mg/kg	U	0.92	173		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	107-06-2	1,2-Dichloroethane	0.0021	mg/kg	U	0.44	0.44		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	78-87-5	1,2-Dichloropropane	0.0021	mg/kg	U	0.28	1.5		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.0021	mg/kg	U	0.16	26		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	541-73-1	1,3-Dichlorobenzene	0.0021	mg/kg	U	0.74	2.5		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	142-28-9	1,3-Dichloropropane	0.0021	mg/kg	U	0.28	154		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	106-46-7	1,4-Dichlorobenzene	0.0021	mg/kg	U	0.89	2.5		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	594-20-7	2,2-Dichloropropane	0.0021	mg/kg	U	0.28	1.5		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	95-49-8	2-Chlorotoluene	0.0021	mg/kg	U	154	154		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	591-78-6	2-Hexanone	0.01	mg/kg	U	0.36	19		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	106-43-4	4-Chlorotoluene	0.0021	mg/kg	U	154	154		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	67-64-1	Acetone	0.01	mg/kg	U	1.2	6720		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	71-43-2	Benzene	0.0021	mg/kg	U	1.2	1.2		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	108-86-1	Bromobenzene	0.0021	mg/kg	U	28	28		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	74-97-5	Bromochloromethane	0.0021	mg/kg	U	3.4	3.4		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	75-27-4	Bromodichloromethane	0.0021	mg/kg	U	0.28	0.28		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	75-25-2	Bromoform	0.0021	mg/kg	U	0.07	18		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	74-83-9	Bromomethane	0.0053	mg/kg	U	0.002	0.65		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	75-15-0	Carbon disulfide	0.01	mg/kg	U	0.81	74		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	56-23-5	Carbon tetrachloride	0.0021	mg/kg	U	0.62	0.62		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	108-90-7	Chlorobenzene	0.0021	mg/kg	U	2.4	27		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	75-00-3	Chloroethane	0.0021	mg/kg	U	518	518		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	67-66-3	Chloroform	0.0021	mg/kg	U	0.31	0.31		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	74-87-3	Chloromethane	0.0053	mg/kg	U	11	11		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	156-59-2	cis-1,2-Dichloroethene	0.0021	mg/kg	U	6	6		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	124-48-1	Dibromochloromethane	0.0021	mg/kg	U	3.7	3.7		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	74-95-3	Dibromomethane	0.0021	mg/kg	U	2.304	2.3		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	75-71-8	Dichlorodifluoromethane	0.0021	mg/kg	U	8.4	8.4		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	100-41-4	Ethylbenzene	0.0021	mg/kg	U	0.27	5.6		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	87-68-3	Hexachlorobutadiene	0.0053	mg/kg	U	0.009	1.2		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	98-82-8	Isopropylbenzene	0.0021	mg/kg	U	0.04	182		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	179601-23-1	m,p-Xylene	0.0021	mg/kg	U	1.4	53		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	78-93-3	MEK (2-Butanone)	0.01	mg/kg	U	350	2592		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	75-09-2	Methylene chloride	0.01	mg/kg	U	2.6	34		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	0.01	mg/kg	U	9.7	3168		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	104-51-8	n-Butylbenzene	0.0021	mg/kg	U	374	374		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	103-65-1	n-Propylbenzene	0.0021	mg/kg	U	365	365		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	95-47-6	o-Xylene	0.0021	mg/kg	U	1.4	61		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	99-87-6	p-Cymene	0.0021	mg/kg	U	0.18	182		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	135-98-8	sec-Butylbenzene	0.0053	mg/kg	U	749	749		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	100-42-5	Styrene	0.0021	mg/kg	U	1.2	576		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	98-06-6	tert-Butylbenzene	0.0021	mg/kg	U	749	749		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	127-18-4	Tetrachloroethene	0.0021	mg/kg	U	0.18	7.8		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	108-88-3	Toluene	0.0021	mg/kg	U	23	470		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	156-60-5	trans-1,2-Dichloroethene	0.0021	mg/kg	U	6.7	6.7		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	79-01-6	Trichloroethene	0.0021	mg/kg	U	0.39	0.39		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	75-69-4	Trichlorofluoromethane	0.0021	mg/kg	U	52	2208		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	108-05-4	Vinyl acetate	0.01	mg/kg	U	87	87		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8260	75-01-4	Vinyl chloride	0.0021	mg/kg	U	0.057	0.057		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	95-95-4	2,4,5-Trichlorophenol	0.88	mg/kg	U	4	605		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	88-06-2	2,4,6-Trichlorophenol	0.18	mg/kg	U	6	6		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	120-83-2	2,4-Dichlorophenol	0.18	mg/kg	U	0.05	18		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	105-67-9	2,4-Dimethylphenol	0.18	mg/kg	U	0.04	125		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	51-28-5	2,4-Dinitrophenol	0.88	mg/kg	U	0.061	12		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	121-14-2	2,4-Dinitrotoluene	0.18	mg/kg	U	1.6	1.6		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	606-20-2	2,6-Dinitrotoluene	0.18	mg/kg	U	0.3456	0.35		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	91-58-7	2-Chloronaphthalene	0.18	mg/kg	U	461	461		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	95-57-8	2-Chlorophenol	0.18	mg/kg	U	0.39	37		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	91-57-6	2-Methylnaphthalene	0.076	mg/kg	J	23	23		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	95-48-7	2-Methylphenol	0.18	mg/kg	U	0.67	307		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	88-74-4	2-Nitroaniline	0.88	mg/kg	U	5.3	60		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	88-75-5	2-Nitrophenol	0.18	mg/kg	U	5.1	1824		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	91-94-1	3,3'-Dichlorobenzidine	0.35	mg/kg	U	0.03	1.2		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	99-09-2	3-Nitroaniline	0.88	mg/kg	U	0.02	60		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.88	mg/kg	U	0.49	0.49		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.18	mg/kg	U				
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	59-50-7	4-Chloro-3-methylphenol	0.18	mg/kg	U	605	605		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	106-47-8	4-Chloroaniline	0.18	mg/kg	U	1	2.6		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.18	mg/kg	U				
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	106-44-5	4-Methylphenol	0.18	mg/kg	U	0.08	125		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	100-01-6	4-Nitroaniline	0.88	mg/kg	U	0.02	24		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	100-02-7	4-Nitrophenol	0.88	mg/kg	U	5.1	1824		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	83-32-9	Acenaphthene	0.28	mg/kg		29	346		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	208-96-8	Acenaphthylene	0.022	mg/kg	J	1.9	1.9		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	62-53-3	Aniline	0.18	mg/kg	U	42	42		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	120-12-7	Anthracene	0.27	mg/kg		29	1728		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	92-87-5	Benzidine	1.8	mg/kg	U	0.00051	0.00051		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	56-55-3	Benzo(a)anthracene	1.8	mg/kg	J	1.1	1.1		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	50-32-8	Benzo(a)pyrene	1.7	mg/kg	J	0.11	0.11		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	205-99-2	Benzo(b)fluoranthene	2.9	mg/kg		1.1	1.1		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	191-24-2	Benzo(g,h,i)perylene	1.4	mg/kg	J	1.1	173		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	207-08-9	Benzo(k)fluoranthene	2.9	mg/kg		1.1	11		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	65-85-0	Benzoic acid	0.032	mg/kg	J	1	24000		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	100-51-6	Benzyl alcohol	0.18	mg/kg	U	120	605		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.18	mg/kg	U	18	18		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.18	mg/kg	U	0.22	0.22		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	0.65	mg/kg	J	0.02	37		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.18	mg/kg	U	298	298		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	85-68-7	Butyl benzylphthalate	0.18	mg/kg	U	90	278		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	86-74-8	Carbazole	0.24	mg/kg		7.5	7.5		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	218-01-9	Chrysene	2.2	mg/kg		1.1	106		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	53-70-3	Dibenzo(a,h)anthracene	1.8	mg/kg	U	0.1056	0.11		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	132-64-9	Dibenzofuran	0.14	mg/kg	J	6.1	7.5		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	84-66-2	Diethyl phthalate	0.18	mg/kg	U	100	4896		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	131-11-3	Dimethyl phthalate	0.18	mg/kg	U	10	37		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	84-74-2	Di-n-butylphthalate	0.18	mg/kg	U	0.011	605		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	117-84-0	Di-n-octylphthalate	0.18	mg/kg	U	0.91	60		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	206-44-0	Fluoranthene	1.1	mg/kg		1.1	230		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	86-73-7	Fluorene	0.24	mg/kg		29	230		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	118-74-1	Hexachlorobenzene	0.18	mg/kg	U	0.075	0.075		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	77-47-4	Hexachlorocyclopentadiene	0.18	mg/kg	U	0.001	0.17		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	67-72-1	Hexachloroethane	0.18	mg/kg	U	0.024	1.7		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	1.4	mg/kg	J	1.1	1.1		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	78-59-1	Isophorone	0.18	mg/kg	U	547	547		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	91-20-3	Naphthalene	0.36	mg/kg		1.9	1.9		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	98-95-3	Nitrobenzene	0.18	mg/kg	U	2.2	4.9		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	62-75-9	N-Nitrosodimethylamine	0.18	mg/kg	U	0.0019	0.0019		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.18	mg/kg	U	0.075	0.075		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	86-30-6	N-Nitrosodiphenylamine	0.18	mg/kg	U	0.55	106		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	87-86-5	Pentachlorophenol	0.88	mg/kg	U	0.96	1		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	85-01-8	Phenanthrene	2.1	mg/kg		29	1728		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	108-95-2	Phenol	0.18	mg/kg	U	0.79	1824		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	8270	129-00-0	Pyrene	3.4	mg/kg		1.1	173		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	METALS	7440-36-0	Antimony	3.7	mg/kg		0.27	3		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	METALS	7440-38-2	Arsenic	4.3	mg/kg		0.43	0.43		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	METALS	7440-39-3	Barium	105	mg/kg		330	1440		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	METALS	7440-41-7	Beryllium	0.34	mg/kg		15	15		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	METALS	7440-43-9	Cadmium	1.9	mg/kg		0.36	0.68		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	METALS	7440-47-3	Chromium	17.4	mg/kg		0.29	0.29		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	METALS	7440-50-8	Copper	197	mg/kg		28	298		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	METALS	7439-89-6	Iron	20900	mg/kg		5280	5280		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	METALS	7439-92-1	Lead	165	mg/kg		11	192		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	METALS	7439-96-5	Manganese	323	mg/kg		173	173		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	METALS	7439-97-6	Mercury	5.5	mg/kg		0.013	1.1		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	METALS	7440-02-0	Nickel	17.9	mg/kg		38	134		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	METALS	7782-49-2	Selenium	0.55	mg/kg	U	0.52	37		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	METALS	7440-22-4	Silver	0.51	mg/kg	U	4.2	37		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	METALS	7440-28-0	Thallium	0.27	mg/kg	U	0.05	0.075		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	METALS	7440-66-6	Zinc	136	mg/kg		46	2208		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	NWTPH_HCID	TPH-G	Gasoline Range Organics	20	mg/kg		120	1200		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	NWTPH-Dx	TPH-D	Diesel Range Organics	1000	mg/kg		260	1100		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	NWTPH-Dx	MOIL	Residual Range Organics	9700	mg/kg		260	2800		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	PCBS	12674-11-2	Aroclor-1016	0.035	mg/kg	UJ	0.041	0.1		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	PCBS	11104-28-2	Aroclor-1221	0.035	mg/kg	UJ	0.041	0.19		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	PCBS	11141-16-5	Aroclor-1232	0.035	mg/kg	UJ	0.041	0.16		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	PCBS	53469-21-9	Aroclor-1242	0.035	mg/kg	UJ	0.041	0.22		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	PCBS	12672-29-6	Aroclor-1248	0.035	mg/kg	UJ	0.041	0.22		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	PCBS	11097-69-1	Aroclor-1254	0.035	mg/kg	UJ	0.029	0.029		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	FD	990920BIL08SS	PCBS	11096-82-5	Aroclor-1260	0.079	mg/kg	J	0.041	0.23		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8081 Pest	72-54-8	4,4'-DDD	0.0074	mg/kg	U	0.021	2.2		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8081 Pest	72-55-9	4,4'-DDE	0.0035	mg/kg	U	0.021	1.8		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8081 Pest	50-29-3	4,4'-DDT	0.0035	mg/kg	U	0.021	1.8		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8081 Pest	309-00-2	Aldrin	0.0018	mg/kg	U	0.000085	0.031		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8081 Pest	319-84-6	alpha-BHC	0.0018	mg/kg	U	0.0096	0.083		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8081 Pest	5103-71-9	alpha-Chlordane	0.0041	mg/kg	U	0.27	1.7		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8081 Pest	319-85-7	beta-BHC	0.0018	mg/kg	U	0.0096	0.086		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8081 Pest	319-86-8	delta-BHC	0.0018	mg/kg	U	0.0096	0.083		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8081 Pest	60-57-1	Dieldrin	0.0035	mg/kg	U	0.0049	0.033		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8081 Pest	959-98-8	Endosulfan I	0.0018	mg/kg	U	0.64	45		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8081 Pest	33213-65-9	Endosulfan II	0.0035	mg/kg	U	0.64	45		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.0035	mg/kg	U	0.64	36		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8081 Pest	72-20-8	Endrin	0.0035	mg/kg	U	0.0014	1.8		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8081 Pest	7421-93-4	Endrin aldehyde	0.004	mg/kg	U	0.0014	1.8		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8081 Pest	53494-70-5	Endrin ketone	0.0035	mg/kg	U	0.0014	1.8		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.0018	mg/kg	U	0.0096	0.49		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8081 Pest	5103-74-2	gamma-Chlordane	0.0018	mg/kg	U	0.27	1.7		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8081 Pest	76-44-8	Heptachlor	0.0018	mg/kg	U	0.0016	0.11		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.0018	mg/kg	U	0.00015	0.055		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8081 Pest	72-43-5	Methoxychlor	0.018	mg/kg	U	5.1	31		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8081 Pest	8001-35-2	Toxaphene	0.035	mg/kg	U	0.47	0.47		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8151	93-76-5	2,4,5-T	0.0032	mg/kg	U	60	60		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8151	93-72-1	2,4,5-TP (Silvex)	0.0045	mg/kg	U	0.055	49		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8151	94-75-7	2,4-D	0.021	mg/kg	U	67	67		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8151	94-82-6	2,4-DB	0.01	mg/kg	U				
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.075	mg/kg	U				
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8151	75-99-0	Dalapon	0.042	mg/kg	U	182	182		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8151	1918-00-9	Dicamba	0.0021	mg/kg	U	182	182		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8151	88-85-7	Dinoseb	0.01	mg/kg	U	0.015	6		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8151	94-74-6	MCPA	1.9	mg/kg	U	3.1	3.1		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8151	93-65-2	MCPP	9.5	mg/kg		6	6		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.0021	mg/kg	U	0.07	1.9		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	71-55-6	1,1,1-Trichloroethane	0.0021	mg/kg	U	260	778		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.0021	mg/kg	U	0.13	0.58		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	79-00-5	1,1,2-Trichloroethane	0.0021	mg/kg	U	0.14	0.14		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	75-34-3	1,1-Dichloroethane	0.0021	mg/kg	U	3.5	3.5		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	75-35-4	1,1-Dichloroethene	0.0021	mg/kg	U	11	22		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	563-58-6	1,1-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.0053	mg/kg	U	6	6		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	96-18-4	1,2,3-Trichloropropane	0.0021	mg/kg	U	0.0049	0.0049		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	120-82-1	1,2,4-Trichlorobenzene	0.0053	mg/kg	U	0.27	5.6		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.0021	mg/kg	U	0.09	29		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.0053	mg/kg	U	0.0051	0.0051		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.0021	mg/kg	U	0.035	0.035		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	95-50-1	1,2-Dichlorobenzene	0.0021	mg/kg	U	0.92	173		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	107-06-2	1,2-Dichloroethane	0.0021	mg/kg	U	0.44	0.44		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	78-87-5	1,2-Dichloropropane	0.0021	mg/kg	U	0.28	1.5		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.0021	mg/kg	U	0.16	26		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	541-73-1	1,3-Dichlorobenzene	0.0021	mg/kg	U	0.74	2.5		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	142-28-9	1,3-Dichloropropane	0.0021	mg/kg	U	0.28	154		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	106-46-7	1,4-Dichlorobenzene	0.0021	mg/kg	U	0.89	2.5		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	594-20-7	2,2-Dichloropropane	0.0021	mg/kg	U	0.28	1.5		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	95-49-8	2-Chlorotoluene	0.0021	mg/kg	U	154	154		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	591-78-6	2-Hexanone	0.01	mg/kg	U	0.36	19		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	106-43-4	4-Chlorotoluene	0.0021	mg/kg	U	154	154		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	67-64-1	Acetone	0.01	mg/kg	U	1.2	6720		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	71-43-2	Benzene	0.0021	mg/kg	U	1.2	1.2		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	108-86-1	Bromobenzene	0.0021	mg/kg	U	28	28		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	74-97-5	Bromochloromethane	0.0021	mg/kg	U	3.4	3.4		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	75-27-4	Bromodichloromethane	0.0021	mg/kg	U	0.28	0.28		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	75-25-2	Bromoform	0.0021	mg/kg	U	0.07	18		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	74-83-9	Bromomethane	0.0053	mg/kg	U	0.002	0.65		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	75-15-0	Carbon disulfide	0.01	mg/kg	U	0.81	74		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	56-23-5	Carbon tetrachloride	0.0021	mg/kg	U	0.62	0.62		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	108-90-7	Chlorobenzene	0.0021	mg/kg	U	2.4	27		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	75-00-3	Chloroethane	0.0021	mg/kg	U	518	518		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	67-66-3	Chloroform	0.0021	mg/kg	U	0.31	0.31		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	74-87-3	Chloromethane	0.0053	mg/kg	U	11	11		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	156-59-2	cis-1,2-Dichloroethene	0.0021	mg/kg	U	6	6		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	124-48-1	Dibromochloromethane	0.0021	mg/kg	U	3.7	3.7		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	74-95-3	Dibromomethane	0.0021	mg/kg	U	2.304	2.3		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	75-71-8	Dichlorodifluoromethane	0.0021	mg/kg	U	8.4	8.4		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	100-41-4	Ethylbenzene	0.0021	mg/kg	U	0.27	5.6		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	87-68-3	Hexachlorobutadiene	0.0053	mg/kg	U	0.009	1.2		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	98-82-8	Isopropylbenzene	0.0021	mg/kg	U	0.04	182		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	179601-23-1	m,p-Xylene	0.0021	mg/kg	U	1.4	53		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	78-93-3	MEK (2-Butanone)	0.01	mg/kg	U	350	2592		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	75-09-2	Methylene chloride	0.01	mg/kg	U	2.6	34		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	0.01	mg/kg	U	9.7	3168		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	91-20-3	Naphthalene	0.0053	mg/kg	U	1.9	1.9		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	104-51-8	n-Butylbenzene	0.0021	mg/kg	U	374	374		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	103-65-1	n-Propylbenzene	0.0021	mg/kg	U	365	365		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	95-47-6	o-Xylene	0.0021	mg/kg	U	1.4	61		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	99-87-6	p-Cymene	0.0021	mg/kg	U	0.18	182		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	135-98-8	sec-Butylbenzene	0.0053	mg/kg	U	749	749		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	100-42-5	Styrene	0.0021	mg/kg	U	1.2	576		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	98-06-6	tert-Butylbenzene	0.0021	mg/kg	U	749	749		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	127-18-4	Tetrachloroethene	0.0021	mg/kg	U	0.18	7.8		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	108-88-3	Toluene	0.0021	mg/kg	U	23	470		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	156-60-5	trans-1,2-Dichloroethene	0.0021	mg/kg	U	6.7	6.7		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	79-01-6	Trichloroethene	0.0021	mg/kg	U	0.39	0.39		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	75-69-4	Trichlorofluoromethane	0.0021	mg/kg	U	52	2208		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	108-05-4	Vinyl acetate	0.01	mg/kg	U	87	87		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8260	75-01-4	Vinyl chloride	0.0021	mg/kg	U	0.057	0.057		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	95-95-4	2,4,5-Trichlorophenol	0.88	mg/kg	U	4	605		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	88-06-2	2,4,6-Trichlorophenol	0.18	mg/kg	U	6	6		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	120-83-2	2,4-Dichlorophenol	0.18	mg/kg	U	0.05	18		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	105-67-9	2,4-Dimethylphenol	0.18	mg/kg	U	0.04	125		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	51-28-5	2,4-Dinitrophenol	0.88	mg/kg	U	0.061	12		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	121-14-2	2,4-Dinitrotoluene	0.18	mg/kg	U	1.6	1.6		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	606-20-2	2,6-Dinitrotoluene	0.18	mg/kg	U	0.3456	0.35		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	91-58-7	2-Chloronaphthalene	0.18	mg/kg	U	461	461		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	95-57-8	2-Chlorophenol	0.18	mg/kg	U	0.39	37		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	91-57-6	2-Methylnaphthalene	0.18	mg/kg	U	23	23		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	95-48-7	2-Methylphenol	0.18	mg/kg	U	0.67	307		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	88-74-4	2-Nitroaniline	0.88	mg/kg	U	5.3	60		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	88-75-5	2-Nitrophenol	0.18	mg/kg	U	5.1	1824		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	91-94-1	3,3'-Dichlorobenzidine	0.35	mg/kg	U	0.03	1.2		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	99-09-2	3-Nitroaniline	0.88	mg/kg	U	0.02	60		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.88	mg/kg	U	0.49	0.49		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.18	mg/kg	U				
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	59-50-7	4-Chloro-3-methylphenol	0.18	mg/kg	U	605	605		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	106-47-8	4-Chloroaniline	0.18	mg/kg	U	1	2.6		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.18	mg/kg	U				
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	106-44-5	4-Methylphenol	0.18	mg/kg	U	0.08	125		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	100-01-6	4-Nitroaniline	0.88	mg/kg	U	0.02	24		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	100-02-7	4-Nitrophenol	0.88	mg/kg	U	5.1	1824		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	83-32-9	Acenaphthene	0.062	mg/kg	J	29	346		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	208-96-8	Acenaphthylene	0.18	mg/kg	U	1.9	1.9		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	62-53-3	Aniline	0.18	mg/kg	U	42	42		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	120-12-7	Anthracene	0.083	mg/kg	J	29	1728		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	92-87-5	Benzidine	1.8	mg/kg	U	0.00051	0.00051		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	56-55-3	Benzo(a)anthracene	1	mg/kg	J	1.1	1.1		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	50-32-8	Benzo(a)pyrene	1.1	mg/kg	J	0.11	0.11		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	205-99-2	Benzo(b)fluoranthene	1.8	mg/kg		1.1	1.1		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	191-24-2	Benzo(g,h,i)perylene	1.1	mg/kg	J	1.1	173		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	207-08-9	Benzo(k)fluoranthene	1.8	mg/kg		1.1	11		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	65-85-0	Benzoic acid	0.88	mg/kg	U	1	24000		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	100-51-6	Benzyl alcohol	0.18	mg/kg	U	120	605		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.18	mg/kg	U	18	18		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.18	mg/kg	U	0.22	0.22		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	1	mg/kg	J	0.02	37		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.18	mg/kg	U	298	298		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	85-68-7	Butyl benzylphthalate	0.18	mg/kg	U	90	278		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	86-74-8	Carbazole	0.047	mg/kg	J	7.5	7.5		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	218-01-9	Chrysene	1.1	mg/kg	J	1.1	106		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	53-70-3	Dibenzo(a,h)anthracene	1.8	mg/kg	U	0.1056	0.11		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	132-64-9	Dibenzofuran	0.18	mg/kg	U	6.1	7.5		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	84-66-2	Diethyl phthalate	0.18	mg/kg	U	100	4896		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	131-11-3	Dimethyl phthalate	0.18	mg/kg	U	10	37		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	84-74-2	Di-n-butylphthalate	0.18	mg/kg	U	0.011	605		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	117-84-0	Di-n-octylphthalate	0.18	mg/kg	U	0.91	60		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	206-44-0	Fluoranthene	0.49	mg/kg		1.1	230		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	86-73-7	Fluorene	0.05	mg/kg	J	29	230		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	118-74-1	Hexachlorobenzene	0.18	mg/kg	U	0.075	0.075		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	77-47-4	Hexachlorocyclopentadiene	0.18	mg/kg	U	0.001	0.17		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	67-72-1	Hexachloroethane	0.18	mg/kg	U	0.024	1.7		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	0.95	mg/kg	J	1.1	1.1		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	78-59-1	Isophorone	0.18	mg/kg	U	547	547		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	98-95-3	Nitrobenzene	0.18	mg/kg	U	2.2	4.9		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	62-75-9	N-Nitrosodimethylamine	0.18	mg/kg	U	0.0019	0.0019		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.18	mg/kg	U	0.075	0.075		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	86-30-6	N-Nitrosodiphenylamine	0.18	mg/kg	U	0.55	106		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	87-86-5	Pentachlorophenol	0.88	mg/kg	U	0.96	1		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	85-01-8	Phenanthrene	0.36	mg/kg		29	1728		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	108-95-2	Phenol	0.18	mg/kg	U	0.79	1824		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	8270	129-00-0	Pyrene	1.6	mg/kg	J	1.1	173		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	#############	mg/kg					
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	16.15	mg/kg		1.1			
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	2.104	mg/kg		29			
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	METALS	7440-36-0	Antimony	4.1	mg/kg		0.27	3		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	METALS	7440-38-2	Arsenic	3.1	mg/kg		0.43	0.43		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	METALS	7440-39-3	Barium	117	mg/kg		330	1440		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	METALS	7440-41-7	Beryllium	0.36	mg/kg		15	15		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	METALS	7440-43-9	Cadmium	1.6	mg/kg		0.36	0.68		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	METALS	7440-47-3	Chromium	26.4	mg/kg		0.29	0.29		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	METALS	7440-50-8	Copper	89.1	mg/kg		28	298		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	METALS	7439-89-6	Iron	22300	mg/kg		5280	5280		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	METALS	7439-92-1	Lead	171	mg/kg		11	192		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	METALS	7439-96-5	Manganese	342	mg/kg		173	173		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	METALS	7439-97-6	Mercury	2.8	mg/kg		0.013	1.1		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	METALS	7440-02-0	Nickel	20.5	mg/kg		38	134		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	METALS	7782-49-2	Selenium	0.28	mg/kg	U	0.52	37		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	METALS	7440-22-4	Silver	0.55	mg/kg	U	4.2	37		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	METALS	7440-28-0	Thallium	0.28	mg/kg	U	0.05	0.075		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	METALS	7440-66-6	Zinc	140	mg/kg		46	2208		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	NWTPH_HCID	TPH-G	Gasoline Range Organics	20	mg/kg		120	1200		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	NWTPH-Dx	TPH-D	Diesel Range Organics	1000	mg/kg		260	1100		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	NWTPH-Dx	MOIL	Residual Range Organics	9200	mg/kg		260	2800		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	PCBS	12674-11-2	Aroclor-1016	0.035	mg/kg	UJ	0.041	0.1		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	PCBS	11104-28-2	Aroclor-1221	0.035	mg/kg	UJ	0.041	0.19		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	PCBS	11141-16-5	Aroclor-1232	0.035	mg/kg	UJ	0.041	0.16		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	PCBS	53469-21-9	Aroclor-1242	0.035	mg/kg	UJ	0.041	0.22		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	PCBS	12672-29-6	Aroclor-1248	0.035	mg/kg	UJ	0.041	0.22		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	PCBS	11097-69-1	Aroclor-1254	0.035	mg/kg	UJ	0.029	0.029		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	PCBS	11096-82-5	Aroclor-1260	0.084	mg/kg	J	0.041	0.23		
BIL06SSI	723608.138	7834925.914	9/20/1999	0 - 0.5	SO	N	990920BIL06SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.152	mg/kg		0.0073	0.23		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	200.8	7440-36-0	Antimony	0.2	mg/kg	UJ	0.27	3		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	200.8	7440-38-2	Arsenic	4	mg/kg		0.43	0.43		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	200.8	7440-41-7	Beryllium	0.3	mg/kg		15	15		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	200.8	7440-48-4	Cobalt	8.3	mg/kg	J	2.2	2.2		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	200.8	7439-92-1	Lead	148	mg/kg	J	11	192		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	200.8	7440-22-4	Silver	0.5	mg/kg		4.2	37		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	200.8	7440-28-0	Thallium	0.2	mg/kg	U	0.05	0.075		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	200.8	7440-62-2	Vanadium	36	mg/kg		7.8	37		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	6010B	7429-90-5	Aluminum	11200	mg/kg	J	50	7392		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	6010B	7440-39-3	Barium	115	mg/kg		330	1440		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	6010B	7440-70-2	Calcium	4380	mg/kg					
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	6010B	7440-47-3	Chromium	16.9	mg/kg		0.29	0.29		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	6010B	7440-50-8	Copper	60.5	mg/kg		28	298		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	6010B	7439-89-6	Iron	20500	mg/kg	J	5280	5280		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	6010B	7439-95-4	Magnesium	4830	mg/kg					
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	6010B	7439-96-5	Manganese	284	mg/kg	J	173	173		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	6010B	7440-02-0	Nickel	15	mg/kg		38	134		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	6010B	7440-09-7	Potassium	1400	mg/kg					
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	6010B	7440-23-5	Sodium	430	mg/kg					
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	6010B	7440-66-6	Zinc	221	mg/kg		46	2208		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	7131A	7440-43-9	Cadmium	1.3	mg/kg		0.36	0.68		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	7471A	7439-97-6	Mercury	0.32	mg/kg		0.013	1.1		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	7740	7782-49-2	Selenium	0.2	mg/kg	U	0.52	37		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8081A	72-54-8	4,4'-DDD	0.002	mg/kg	U	0.021	2.2		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8081A	72-55-9	4,4'-DDE	0.002	mg/kg	U	0.021	1.8		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8081A	50-29-3	4,4'-DDT	0.023	mg/kg		0.021	1.8		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8081A	309-00-2	Aldrin	0.00098	mg/kg	U	0.000085	0.031		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8081A	319-84-6	alpha-BHC	0.00098	mg/kg	U	0.0096	0.083		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8081A	5103-71-9	alpha-Chlordane	0.00098	mg/kg	U	0.27	1.7		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8081A	319-85-7	beta-BHC	0.00098	mg/kg	U	0.0096	0.086		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8081A	319-86-8	delta-BHC	0.00098	mg/kg	U	0.0096	0.083		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8081A	60-57-1	Dieldrin	0.004	mg/kg	U	0.0049	0.033		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8081A	959-98-8	Endosulfan I	0.00098	mg/kg	U	0.64	45		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8081A	33213-65-9	Endosulfan II	0.002	mg/kg	U	0.64	45		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8081A	1031-07-8	Endosulfan sulfate	0.002	mg/kg	U	0.64	36		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8081A	72-20-8	Endrin	0.002	mg/kg	U	0.0014	1.8		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8081A	7421-93-4	Endrin aldehyde	0.0054	mg/kg	U	0.0014	1.8		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8081A	53494-70-5	Endrin ketone	0.002	mg/kg	U	0.0014	1.8		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8081A	58-89-9	gamma-BHC (Lindane)	0.00098	mg/kg	U	0.0096	0.49		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8081A	5103-74-2	gamma-Chlordane	0.00098	mg/kg	U	0.27	1.7		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8081A	76-44-8	Heptachlor	0.00098	mg/kg	U	0.0016	0.11		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8081A	1024-57-3	Heptachlor epoxide	0.00098	mg/kg	U	0.00015	0.055		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8081A	72-43-5	Methoxychlor	0.0098	mg/kg	U	5.1	31		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8081A	8001-35-2	Toxaphene	0.098	mg/kg	U	0.47	0.47		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8082	12674-11-2	Aroclor-1016	0.0039	mg/kg	U	0.041	0.1		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8082	11104-28-2	Aroclor-1221	0.0039	mg/kg	U	0.041	0.19		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8082	11141-16-5	Aroclor-1232	0.0039	mg/kg	U	0.041	0.16		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8082	53469-21-9	Aroclor-1242	0.0039	mg/kg	U	0.041	0.22		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8082	12672-29-6	Aroclor-1248	0.0039	mg/kg	U	0.041	0.22		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8082	11097-69-1	Aroclor-1254	0.019	mg/kg	U	0.029	0.029		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8082	11096-82-5	Aroclor-1260	0.092	mg/kg		0.041	0.23		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	120-82-1	1,2,4-Trichlorobenzene	0.02	mg/kg	U	0.27	5.6		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	95-50-1	1,2-Dichlorobenzene	0.02	mg/kg	U	0.92	173		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	541-73-1	1,3-Dichlorobenzene	0.02	mg/kg	U	0.74	2.5		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	106-46-7	1,4-Dichlorobenzene	0.02	mg/kg	U	0.89	2.5		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	95-95-4	2,4,5-Trichlorophenol	0.099	mg/kg	U	4	605		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	88-06-2	2,4,6-Trichlorophenol	0.099	mg/kg	U	6	6		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	120-83-2	2,4-Dichlorophenol	0.099	mg/kg	U	0.05	18		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	105-67-9	2,4-Dimethylphenol	0.02	mg/kg	U	0.04	125		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	51-28-5	2,4-Dinitrophenol	0.2	mg/kg	U	0.061	12		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	121-14-2	2,4-Dinitrotoluene	0.099	mg/kg	U	1.6	1.6		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	606-20-2	2,6-Dinitrotoluene	0.099	mg/kg	U	0.3456	0.35		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	91-58-7	2-Chloronaphthalene	0.02	mg/kg	U	461	461		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	95-57-8	2-Chlorophenol	0.02	mg/kg	U	0.39	37		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	91-57-6	2-Methylnaphthalene	0.02	mg/kg	U	23	23		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	95-48-7	2-Methylphenol	0.02	mg/kg	U	0.67	307		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	88-74-4	2-Nitroaniline	0.099	mg/kg	U	5.3	60		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	88-75-5	2-Nitrophenol	0.099	mg/kg	U	5.1	1824		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	91-94-1	3,3'-Dichlorobenzidine	0.099	mg/kg	U	0.03	1.2		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	99-09-2	3-Nitroaniline	0.099	mg/kg	U	0.02	60		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.2	mg/kg	U	0.49	0.49		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	101-55-3	4-Bromophenyl phenyl ether	0.02	mg/kg	U				
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	59-50-7	4-Chloro-3-methylphenol	0.099	mg/kg	U	605	605		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	106-47-8	4-Chloroaniline	0.099	mg/kg	U	1	2.6		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.02	mg/kg	U				
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	106-44-5	4-Methylphenol	0.02	mg/kg	U	0.08	125		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	100-01-6	4-Nitroaniline	0.099	mg/kg	U	0.02	24		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	100-02-7	4-Nitrophenol	0.099	mg/kg	U	5.1	1824		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	83-32-9	Acenaphthene	0.024	mg/kg		29	346		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	208-96-8	Acenaphthylene	0.02	mg/kg	U	1.9	1.9		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	120-12-7	Anthracene	0.034	mg/kg		29	1728		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	56-55-3	Benzo(a)anthracene	0.25	mg/kg		1.1	1.1		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	50-32-8	Benzo(a)pyrene	0.24	mg/kg		0.11	0.11		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	205-99-2	Benzo(b)fluoranthene	0.31	mg/kg		1.1	1.1		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	191-24-2	Benzo(g,h,i)perylene	0.16	mg/kg		1.1	173		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	207-08-9	Benzo(k)fluoranthene	0.22	mg/kg		1.1	11		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	65-85-0	Benzoic acid	0.13	mg/kg	J	1	24000		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	100-51-6	Benzyl alcohol	0.02	mg/kg	U	120	605		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	111-91-1	Bis (2-chloroethoxy) methane	0.02	mg/kg	U	18	18		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	111-44-4	Bis (2-chloroethyl) ether	0.02	mg/kg	U	0.22	0.22		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.15	mg/kg		0.02	37		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	39638-32-9	bis(2-Chloroisopropyl) ether	0.02	mg/kg	U	298	298		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	85-68-7	Butyl benzylphthalate	0.02	mg/kg	U	90	278		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	86-74-8	Carbazole	0.021	mg/kg		7.5	7.5		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	218-01-9	Chrysene	0.28	mg/kg		1.1	106		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	53-70-3	Dibenzo(a,h)anthracene	0.076	mg/kg		0.1056	0.11		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	132-64-9	Dibenzofuran	0.02	mg/kg	U	6.1	7.5		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	84-66-2	Diethyl phthalate	0.02	mg/kg	U	100	4896		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	131-11-3	Dimethyl phthalate	0.02	mg/kg	U	10	37		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	84-74-2	Di-n-butylphthalate	1.8	mg/kg		0.011	605		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	117-84-0	Di-n-octylphthalate	0.02	mg/kg	U	0.91	60		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	206-44-0	Fluoranthene	0.46	mg/kg		1.1	230		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	86-73-7	Fluorene	0.013	mg/kg	J	29	230		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	118-74-1	Hexachlorobenzene	0.02	mg/kg	U	0.075	0.075		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	87-68-3	Hexachlorobutadiene	0.02	mg/kg	U	0.009	1.2		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	77-47-4	Hexachlorocyclopentadiene	0.099	mg/kg	U	0.001	0.17		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	67-72-1	Hexachloroethane	0.02	mg/kg	U	0.024	1.7		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.16	mg/kg		1.1	1.1		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	78-59-1	Isophorone	0.02	mg/kg	U	547	547		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	91-20-3	Naphthalene	0.02	mg/kg	U	1.9	1.9		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	98-95-3	Nitrobenzene	0.02	mg/kg	U	2.2	4.9		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	62-75-9	N-Nitrosodimethylamine	0.099	mg/kg	U	0.0019	0.0019		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	621-64-7	N-Nitrosodi-n-propylamine	0.099	mg/kg	U	0.075	0.075		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	86-30-6	N-Nitrosodiphenylamine	0.02	mg/kg	U	0.55	106		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	87-86-5	Pentachlorophenol	0.099	mg/kg	U	0.96	1		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	85-01-8	Phenanthrene	0.18	mg/kg		29	1728		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	108-95-2	Phenol	0.02	mg/kg	U	0.79	1824		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	8270D	129-00-0	Pyrene	0.36	mg/kg		1.1	173		
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.39048	mg/kg					
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	2.516	mg/kg		1.1			
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.277	mg/kg		29			
BIL06USE	723619.865	7835036.057	4/10/2007	0.5 - 0.5	SO	N	070410BIL06SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.115	mg/kg		0.0073	0.23		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	8082	12674-11-2	Aroclor-1016	0.00117	mg/kg	U	0.041	0.1		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	8082	11104-28-2	Aroclor-1221	0.00502	mg/kg	U	0.041	0.19		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	8082	11141-16-5	Aroclor-1232	0.004	mg/kg	U	0.041	0.16		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	8082	53469-21-9	Aroclor-1242	0.00214	mg/kg	U	0.041	0.22		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	8082	12672-29-6	Aroclor-1248	0.00532	mg/kg	U	0.041	0.22		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	8082	11097-69-1	Aroclor-1254	0.00166	mg/kg	U	0.029	0.029		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	8082	11096-82-5	Aroclor-1260	0.0367	mg/kg		0.041	0.23		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7429-90-5	Aluminum	6890	mg/kg		50	7392		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7440-36-0	Antimony	8.19	mg/kg		0.27	3		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7440-38-2	Arsenic	3.74	mg/kg		0.43	0.43		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7440-39-3	Barium	110	mg/kg	J	330	1440		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7440-41-7	Beryllium	0.222	mg/kg	J	15	15		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7440-43-9	Cadmium	2.93	mg/kg		0.36	0.68		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7440-70-2	Calcium	4960	mg/kg					
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7440-47-3	Chromium	27	mg/kg		0.29	0.29		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7440-48-4	Cobalt	9.81	mg/kg		2.2	2.2		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7440-50-8	Copper	120	mg/kg	J	28	298		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7439-89-6	Iron	20600	mg/kg		5280	5280		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7439-92-1	Lead	697	mg/kg	J	11	192		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7439-95-4	Magnesium	4550	mg/kg					
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7439-96-5	Manganese	317	mg/kg	J	173	173		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7439-97-6	Mercury	0.215	mg/kg		0.013	1.1		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7440-02-0	Nickel	20.3	mg/kg	J	38	134		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7440-09-7	Potassium	600	mg/kg					
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7782-49-2	Selenium	0.0849	mg/kg	U	0.52	37		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7440-22-4	Silver	1.51	mg/kg		4.2	37		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7440-23-5	Sodium	159	mg/kg	U				
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7440-28-0	Thallium	0.083	mg/kg	J	0.05	0.075		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7440-62-2	Vanadium	46.2	mg/kg		7.8	37		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	METALS	7440-66-6	Zinc	401	mg/kg	J	46	2208		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	NWTPH-Dx	TPH-D	Diesel Range Organics	6780	mg/kg		260	1100		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	NWTPH-Dx	MOIL	Residual Range Organics	33000	mg/kg		260	2800		
BIL07	723606.911	7834936.318	10/16/2001	5 - 5	SO	N	011016BIL07SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0437	mg/kg		0.0073	0.23		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	200.8	7440-36-0	Antimony	0.3	mg/kg	UJ	0.27	3		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	200.8	7440-38-2	Arsenic	3.2	mg/kg		0.43	0.43		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	200.8	7440-41-7	Beryllium	0.3	mg/kg	U	15	15		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	200.8	7440-48-4	Cobalt	22.7	mg/kg	J	2.2	2.2		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	200.8	7439-92-1	Lead	680	mg/kg	J	11	192		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	200.8	7440-22-4	Silver	0.3	mg/kg	U	4.2	37		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	200.8	7440-28-0	Thallium	0.3	mg/kg	U	0.05	0.075		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	200.8	7440-62-2	Vanadium	34.8	mg/kg		7.8	37		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	6010B	7429-90-5	Aluminum	14800	mg/kg	J	50	7392		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	6010B	7440-39-3	Barium	107	mg/kg		330	1440		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	6010B	7440-70-2	Calcium	6060	mg/kg					
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	6010B	7440-47-3	Chromium	801	mg/kg		0.29	0.29		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	6010B	7440-50-8	Copper	41.3	mg/kg		28	298		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	6010B	7439-89-6	Iron	38800	mg/kg	J	5280	5280		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	6010B	7439-95-4	Magnesium	35100	mg/kg					
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	6010B	7439-96-5	Manganese	614	mg/kg	J	173	173		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	6010B	7440-02-0	Nickel	570	mg/kg		38	134		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	6010B	7440-09-7	Potassium	1060	mg/kg					
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	6010B	7440-23-5	Sodium	420	mg/kg					
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	6010B	7440-66-6	Zinc	194	mg/kg		46	2208		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	7131A	7440-43-9	Cadmium	0.72	mg/kg		0.36	0.68		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	7471A	7439-97-6	Mercury	0.13	mg/kg		0.013	1.1		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	7740	7782-49-2	Selenium	0.3	mg/kg	U	0.52	37		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8081A	72-54-8	4,4'-DDD	0.0038	mg/kg	U	0.021	2.2		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8081A	72-55-9	4,4'-DDE	0.0038	mg/kg	U	0.021	1.8		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8081A	50-29-3	4,4'-DDT	0.028	mg/kg		0.021	1.8		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8081A	309-00-2	Aldrin	0.0019	mg/kg	U	0.000085	0.031		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8081A	319-84-6	alpha-BHC	0.0019	mg/kg	U	0.0096	0.083		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8081A	5103-71-9	alpha-Chlordane	0.0019	mg/kg	U	0.27	1.7		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8081A	319-85-7	beta-BHC	0.012	mg/kg	U	0.0096	0.086		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8081A	319-86-8	delta-BHC	0.0019	mg/kg	U	0.0096	0.083		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8081A	60-57-1	Dieldrin	0.008	mg/kg	U	0.0049	0.033		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8081A	959-98-8	Endosulfan I	0.0019	mg/kg	U	0.64	45		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8081A	33213-65-9	Endosulfan II	0.0038	mg/kg	U	0.64	45		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8081A	1031-07-8	Endosulfan sulfate	0.0038	mg/kg	U	0.64	36		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8081A	72-20-8	Endrin	0.01	mg/kg	U	0.0014	1.8		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8081A	7421-93-4	Endrin aldehyde	0.0058	mg/kg	U	0.0014	1.8		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8081A	53494-70-5	Endrin ketone	0.017	mg/kg	U	0.0014	1.8		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8081A	58-89-9	gamma-BHC (Lindane)	0.0019	mg/kg	U	0.0096	0.49		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8081A	5103-74-2	gamma-Chlordane	0.014	mg/kg	U	0.27	1.7		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8081A	76-44-8	Heptachlor	0.0019	mg/kg	U	0.0016	0.11		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8081A	1024-57-3	Heptachlor epoxide	0.0019	mg/kg	U	0.00015	0.055		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8081A	72-43-5	Methoxychlor	0.019	mg/kg	U	5.1	31		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8081A	8001-35-2	Toxaphene	0.19	mg/kg	U	0.47	0.47		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8082	12674-11-2	Aroclor-1016	0.0039	mg/kg	U	0.041	0.1		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8082	11104-28-2	Aroclor-1221	0.0039	mg/kg	U	0.041	0.19		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8082	11141-16-5	Aroclor-1232	0.0039	mg/kg	U	0.041	0.16		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8082	53469-21-9	Aroclor-1242	0.0039	mg/kg	U	0.041	0.22		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8082	12672-29-6	Aroclor-1248	0.0039	mg/kg	U	0.041	0.22		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8082	11097-69-1	Aroclor-1254	0.049	mg/kg		0.029	0.029		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8082	11096-82-5	Aroclor-1260	0.074	mg/kg		0.041	0.23		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	120-82-1	1,2,4-Trichlorobenzene	0.059	mg/kg	U	0.27	5.6		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	95-50-1	1,2-Dichlorobenzene	0.059	mg/kg	U	0.92	173		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	541-73-1	1,3-Dichlorobenzene	0.059	mg/kg	U	0.74	2.5		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	106-46-7	1,4-Dichlorobenzene	0.059	mg/kg	U	0.89	2.5		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	95-95-4	2,4,5-Trichlorophenol	0.3	mg/kg	U	4	605		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	88-06-2	2,4,6-Trichlorophenol	0.3	mg/kg	U	6	6		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	120-83-2	2,4-Dichlorophenol	0.3	mg/kg	U	0.05	18		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	105-67-9	2,4-Dimethylphenol	0.059	mg/kg	U	0.04	125		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	51-28-5	2,4-Dinitrophenol	0.59	mg/kg	U	0.061	12		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	121-14-2	2,4-Dinitrotoluene	0.3	mg/kg	U	1.6	1.6		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	606-20-2	2,6-Dinitrotoluene	0.3	mg/kg	U	0.3456	0.35		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	91-58-7	2-Chloronaphthalene	0.059	mg/kg	U	461	461		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	95-57-8	2-Chlorophenol	0.059	mg/kg	U	0.39	37		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	91-57-6	2-Methylnaphthalene	0.059	mg/kg	U	23	23		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	95-48-7	2-Methylphenol	0.059	mg/kg	U	0.67	307		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	88-74-4	2-Nitroaniline	0.3	mg/kg	U	5.3	60		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	88-75-5	2-Nitrophenol	0.3	mg/kg	U	5.1	1824		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	91-94-1	3,3'-Dichlorobenzidine	0.3	mg/kg	U	0.03	1.2		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	99-09-2	3-Nitroaniline	0.3	mg/kg	U	0.02	60		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.59	mg/kg	U	0.49	0.49		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	101-55-3	4-Bromophenyl phenyl ether	0.059	mg/kg	U				
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	59-50-7	4-Chloro-3-methylphenol	0.3	mg/kg	U	605	605		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	106-47-8	4-Chloroaniline	0.3	mg/kg	U	1	2.6		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.059	mg/kg	U				
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	106-44-5	4-Methylphenol	0.059	mg/kg	U	0.08	125		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	100-01-6	4-Nitroaniline	0.3	mg/kg	U	0.02	24		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	100-02-7	4-Nitrophenol	0.3	mg/kg	U	5.1	1824		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	83-32-9	Acenaphthene	0.27	mg/kg		29	346		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	208-96-8	Acenaphthylene	0.059	mg/kg	U	1.9	1.9		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	120-12-7	Anthracene	0.74	mg/kg		29	1728		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	56-55-3	Benzo(a)anthracene	4.5	mg/kg		1.1	1.1		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	50-32-8	Benzo(a)pyrene	6.2	mg/kg		0.11	0.11		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	205-99-2	Benzo(b)fluoranthene	8.2	mg/kg		1.1	1.1		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	191-24-2	Benzo(g,h,i)perylene	1.8	mg/kg		1.1	173		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	207-08-9	Benzo(k)fluoranthene	2.5	mg/kg		1.1	11		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	65-85-0	Benzoic acid	0.59	mg/kg	U	1	24000		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	100-51-6	Benzyl alcohol	0.059	mg/kg	U	120	605		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	111-91-1	Bis (2-chloroethoxy) methane	0.059	mg/kg	U	18	18		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	111-44-4	Bis (2-chloroethyl) ether	0.059	mg/kg	U	0.22	0.22		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.42	mg/kg		0.02	37		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	39638-32-9	bis(2-Chloroisopropyl) ether	0.059	mg/kg	U	298	298		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	85-68-7	Butyl benzylphthalate	0.059	mg/kg	U	90	278		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	86-74-8	Carbazole	0.21	mg/kg		7.5	7.5		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	218-01-9	Chrysene	5.9	mg/kg		1.1	106		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	53-70-3	Dibenzo(a,h)anthracene	0.73	mg/kg		0.1056	0.11		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	132-64-9	Dibenzofuran	0.036	mg/kg	J	6.1	7.5		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	84-66-2	Diethyl phthalate	0.059	mg/kg	U	100	4896		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	131-11-3	Dimethyl phthalate	0.059	mg/kg	U	10	37		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	84-74-2	Di-n-butylphthalate	0.059	mg/kg	U	0.011	605		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	117-84-0	Di-n-octylphthalate	0.059	mg/kg	U	0.91	60		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	206-44-0	Fluoranthene	14	mg/kg		1.1	230		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	86-73-7	Fluorene	0.14	mg/kg		29	230		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	118-74-1	Hexachlorobenzene	0.059	mg/kg	U	0.075	0.075		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	87-68-3	Hexachlorobutadiene	0.059	mg/kg	U	0.009	1.2		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	77-47-4	Hexachlorocyclopentadiene	0.3	mg/kg	U	0.001	0.17		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	67-72-1	Hexachloroethane	0.059	mg/kg	U	0.024	1.7		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	2.1	mg/kg		1.1	1.1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	78-59-1	Isophorone	0.059	mg/kg	U	547	547		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	91-20-3	Naphthalene	0.059	mg/kg	U	1.9	1.9		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	98-95-3	Nitrobenzene	0.059	mg/kg	U	2.2	4.9		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	62-75-9	N-Nitrosodimethylamine	0.3	mg/kg	U	0.0019	0.0019		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	621-64-7	N-Nitrosodi-n-propylamine	0.3	mg/kg	U	0.075	0.075		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	86-30-6	N-Nitrosodiphenylamine	0.059	mg/kg	U	0.55	106		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	87-86-5	Pentachlorophenol	0.3	mg/kg	U	0.96	1		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	85-01-8	Phenanthrene	3	mg/kg		29	1728		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	108-95-2	Phenol	0.059	mg/kg	U	0.79	1824		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	8270D	129-00-0	Pyrene	9.1	mg/kg		1.1	173		
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	8.4409	mg/kg					
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	55.03	mg/kg		1.1			
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	4.268	mg/kg		29			
BIL07USE	723652.527	7834865.222	4/10/2007	0.5 - 0.5	SO	N	070410BIL07SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.127	mg/kg		0.0073	0.23		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	8082	12674-11-2	Aroclor-1016	0.00118	mg/kg	U	0.041	0.1		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	8082	11104-28-2	Aroclor-1221	0.00506	mg/kg	U	0.041	0.19		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	8082	11141-16-5	Aroclor-1232	0.00404	mg/kg	U	0.041	0.16		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	8082	53469-21-9	Aroclor-1242	0.00216	mg/kg	U	0.041	0.22		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	8082	12672-29-6	Aroclor-1248	0.00537	mg/kg	U	0.041	0.22		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	8082	11097-69-1	Aroclor-1254	0.00168	mg/kg	U	0.029	0.029		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	8082	11096-82-5	Aroclor-1260	0.00168	mg/kg	U	0.041	0.23		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	Krone	1002-53-5	Dibutyltin	0.000653	mg/kg	U	1.8	1.8		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	Krone	78763-54-9	Monobutyltin	0.00144	mg/kg	U	2.2	2.2		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	Krone	1461-25-2	Tetrabutyltin	0.000505	mg/kg	U	2.2	2.2		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	Krone	688-73-3	Tributyltin	0.00104	mg/kg	U	2.2	2.2		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7429-90-5	Aluminum	4710	mg/kg		50	7392		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7440-36-0	Antimony	0.783	mg/kg		0.27	3		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7440-38-2	Arsenic	3.27	mg/kg		0.43	0.43		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7440-39-3	Barium	99.6	mg/kg	J	330	1440		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7440-41-7	Beryllium	0.186	mg/kg	J	15	15		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7440-43-9	Cadmium	1.33	mg/kg		0.36	0.68		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7440-70-2	Calcium	3170	mg/kg					
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7440-47-3	Chromium	14	mg/kg		0.29	0.29		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7440-48-4	Cobalt	8.85	mg/kg		2.2	2.2		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7440-50-8	Copper	17.9	mg/kg	J	28	298		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7439-89-6	Iron	16500	mg/kg		5280	5280		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7439-92-1	Lead	70.7	mg/kg	J	11	192		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7439-95-4	Magnesium	3360	mg/kg					
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7439-96-5	Manganese	323	mg/kg	J	173	173		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7439-97-6	Mercury	0.0238	mg/kg		0.013	1.1		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7440-02-0	Nickel	13	mg/kg	J	38	134		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7440-09-7	Potassium	822	mg/kg					
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7782-49-2	Selenium	0.0828	mg/kg	U	0.52	37		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7440-22-4	Silver	0.11	mg/kg	J	4.2	37		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7440-23-5	Sodium	155	mg/kg	U				
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7440-28-0	Thallium	0.152	mg/kg		0.05	0.075		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7440-62-2	Vanadium	38	mg/kg		7.8	37		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	METALS	7440-66-6	Zinc	194	mg/kg	J	46	2208		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	NWTPH-Dx	TPH-D	Diesel Range Organics	12.3	mg/kg	U	260	1100		
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	NWTPH-Dx	MOIL	Residual Range Organics	25.5	mg/kg	U	260	2800		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL08	723595.397	7834926.366	10/16/2001	5 - 5	SO	N	011016BIL08SS	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.00873	mg/kg	U	0.0073	0.23		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	200.8	7440-36-0	Antimony	0.3	mg/kg	UJ	0.27	3		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	200.8	7440-38-2	Arsenic	3.7	mg/kg		0.43	0.43		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	200.8	7440-41-7	Beryllium	0.4	mg/kg		15	15		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	200.8	7440-48-4	Cobalt	10.7	mg/kg	J	2.2	2.2		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	200.8	7439-92-1	Lead	174	mg/kg	J	11	192		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	200.8	7440-22-4	Silver	0.3	mg/kg	U	4.2	37		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	200.8	7440-28-0	Thallium	0.3	mg/kg	U	0.05	0.075		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	200.8	7440-62-2	Vanadium	44.8	mg/kg		7.8	37		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	6010B	7429-90-5	Aluminum	15500	mg/kg	J	50	7392		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	6010B	7440-39-3	Barium	97.8	mg/kg		330	1440		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	6010B	7440-70-2	Calcium	5840	mg/kg					
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	6010B	7440-47-3	Chromium	117	mg/kg		0.29	0.29		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	6010B	7440-50-8	Copper	52.1	mg/kg		28	298		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	6010B	7439-89-6	Iron	26400	mg/kg	J	5280	5280		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	6010B	7439-95-4	Magnesium	9550	mg/kg					
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	6010B	7439-96-5	Manganese	391	mg/kg	J	173	173		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	6010B	7440-02-0	Nickel	72	mg/kg		38	134		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	6010B	7440-09-7	Potassium	1210	mg/kg					
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	6010B	7440-23-5	Sodium	550	mg/kg					
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	6010B	7440-66-6	Zinc	180	mg/kg		46	2208		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	7131A	7440-43-9	Cadmium	0.67	mg/kg		0.36	0.68		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	7471A	7439-97-6	Mercury	0.1	mg/kg		0.013	1.1		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	7740	7782-49-2	Selenium	0.3	mg/kg	U	0.52	37		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8081A	72-54-8	4,4'-DDD	0.002	mg/kg	U	0.021	2.2		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8081A	72-55-9	4,4'-DDE	0.002	mg/kg	U	0.021	1.8		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8081A	50-29-3	4,4'-DDT	0.017	mg/kg		0.021	1.8		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8081A	309-00-2	Aldrin	0.00099	mg/kg	U	0.000085	0.031		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8081A	319-84-6	alpha-BHC	0.00099	mg/kg	U	0.0096	0.083		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8081A	5103-71-9	alpha-Chlordane	0.0036	mg/kg	U	0.27	1.7		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8081A	319-85-7	beta-BHC	0.0035	mg/kg	U	0.0096	0.086		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8081A	319-86-8	delta-BHC	0.00099	mg/kg	U	0.0096	0.083		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8081A	60-57-1	Dieldrin	0.002	mg/kg	U	0.0049	0.033		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8081A	959-98-8	Endosulfan I	0.00099	mg/kg	U	0.64	45		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8081A	33213-65-9	Endosulfan II	0.002	mg/kg	U	0.64	45		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8081A	1031-07-8	Endosulfan sulfate	0.002	mg/kg	U	0.64	36		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8081A	72-20-8	Endrin	0.002	mg/kg	U	0.0014	1.8		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8081A	7421-93-4	Endrin aldehyde	0.0051	mg/kg	U	0.0014	1.8		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8081A	53494-70-5	Endrin ketone	0.002	mg/kg	U	0.0014	1.8		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8081A	58-89-9	gamma-BHC (Lindane)	0.00099	mg/kg	U	0.0096	0.49		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8081A	5103-74-2	gamma-Chlordane	0.0043	mg/kg	U	0.27	1.7		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8081A	76-44-8	Heptachlor	0.00099	mg/kg	U	0.0016	0.11		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8081A	1024-57-3	Heptachlor epoxide	0.00099	mg/kg	U	0.00015	0.055		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8081A	72-43-5	Methoxychlor	0.0099	mg/kg	U	5.1	31		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8081A	8001-35-2	Toxaphene	0.099	mg/kg	U	0.47	0.47		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8082	12674-11-2	Aroclor-1016	0.004	mg/kg	U	0.041	0.1		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8082	11104-28-2	Aroclor-1221	0.004	mg/kg	U	0.041	0.19		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8082	11141-16-5	Aroclor-1232	0.004	mg/kg	U	0.041	0.16		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8082	53469-21-9	Aroclor-1242	0.004	mg/kg	U	0.041	0.22		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8082	12672-29-6	Aroclor-1248	0.004	mg/kg	U	0.041	0.22		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8082	11097-69-1	Aroclor-1254	0.024	mg/kg		0.029	0.029		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8082	11096-82-5	Aroclor-1260	0.042	mg/kg		0.041	0.23		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	120-82-1	1,2,4-Trichlorobenzene	0.02	mg/kg	U	0.27	5.6		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	95-50-1	1,2-Dichlorobenzene	0.02	mg/kg	U	0.92	173		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	541-73-1	1,3-Dichlorobenzene	0.02	mg/kg	U	0.74	2.5		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	106-46-7	1,4-Dichlorobenzene	0.02	mg/kg	U	0.89	2.5		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	95-95-4	2,4,5-Trichlorophenol	0.098	mg/kg	U	4	605		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	88-06-2	2,4,6-Trichlorophenol	0.098	mg/kg	U	6	6		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	120-83-2	2,4-Dichlorophenol	0.098	mg/kg	U	0.05	18		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	105-67-9	2,4-Dimethylphenol	0.02	mg/kg	U	0.04	125		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	51-28-5	2,4-Dinitrophenol	0.2	mg/kg	U	0.061	12		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	121-14-2	2,4-Dinitrotoluene	0.098	mg/kg	U	1.6	1.6		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	606-20-2	2,6-Dinitrotoluene	0.098	mg/kg	U	0.3456	0.35		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	91-58-7	2-Chloronaphthalene	0.02	mg/kg	U	461	461		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	95-57-8	2-Chlorophenol	0.02	mg/kg	U	0.39	37		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	91-57-6	2-Methylnaphthalene	0.02	mg/kg	U	23	23		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	95-48-7	2-Methylphenol	0.02	mg/kg	U	0.67	307		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	88-74-4	2-Nitroaniline	0.098	mg/kg	U	5.3	60		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	88-75-5	2-Nitrophenol	0.098	mg/kg	U	5.1	1824		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	91-94-1	3,3'-Dichlorobenzidine	0.098	mg/kg	U	0.03	1.2		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	99-09-2	3-Nitroaniline	0.098	mg/kg	U	0.02	60		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.2	mg/kg	U	0.49	0.49		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	101-55-3	4-Bromophenyl phenyl ether	0.02	mg/kg	U				
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	59-50-7	4-Chloro-3-methylphenol	0.098	mg/kg	U	605	605		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	106-47-8	4-Chloroaniline	0.098	mg/kg	U	1	2.6		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.02	mg/kg	U				
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	106-44-5	4-Methylphenol	0.02	mg/kg	U	0.08	125		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	100-01-6	4-Nitroaniline	0.098	mg/kg	U	0.02	24		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	100-02-7	4-Nitrophenol	0.098	mg/kg	U	5.1	1824		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	83-32-9	Acenaphthene	0.046	mg/kg		29	346		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	208-96-8	Acenaphthylene	0.02	mg/kg	U	1.9	1.9		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	120-12-7	Anthracene	0.11	mg/kg		29	1728		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	56-55-3	Benzo(a)anthracene	1	mg/kg		1.1	1.1		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	50-32-8	Benzo(a)pyrene	1.3	mg/kg		0.11	0.11		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	205-99-2	Benzo(b)fluoranthene	1.5	mg/kg		1.1	1.1		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	191-24-2	Benzo(g,h,i)perylene	0.48	mg/kg		1.1	173		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	207-08-9	Benzo(k)fluoranthene	0.99	mg/kg		1.1	11		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	65-85-0	Benzoic acid	0.2	mg/kg	U	1	24000		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	100-51-6	Benzyl alcohol	0.02	mg/kg	U	120	605		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	111-91-1	Bis (2-chloroethoxy) methane	0.02	mg/kg	U	18	18		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	111-44-4	Bis (2-chloroethyl) ether	0.02	mg/kg	U	0.22	0.22		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.28	mg/kg		0.02	37		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	39638-32-9	bis(2-Chloroisopropyl) ether	0.02	mg/kg	U	298	298		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	85-68-7	Butyl benzylphthalate	0.02	mg/kg	U	90	278		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	86-74-8	Carbazole	0.035	mg/kg		7.5	7.5		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	218-01-9	Chrysene	1.4	mg/kg		1.1	106		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	53-70-3	Dibenzo(a,h)anthracene	0.16	mg/kg		0.1056	0.11		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	132-64-9	Dibenzofuran	0.02	mg/kg	U	6.1	7.5		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	84-66-2	Diethyl phthalate	0.02	mg/kg	U	100	4896		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	131-11-3	Dimethyl phthalate	0.02	mg/kg	U	10	37		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	84-74-2	Di-n-butylphthalate	0.02	mg/kg	U	0.011	605		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	117-84-0	Di-n-octylphthalate	0.02	mg/kg	U	0.91	60		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	206-44-0	Fluoranthene	2.8	mg/kg		1.1	230		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	86-73-7	Fluorene	0.024	mg/kg		29	230		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	118-74-1	Hexachlorobenzene	0.02	mg/kg	U	0.075	0.075		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	87-68-3	Hexachlorobutadiene	0.02	mg/kg	U	0.009	1.2		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	77-47-4	Hexachlorocyclopentadiene	0.098	mg/kg	U	0.001	0.17		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	67-72-1	Hexachloroethane	0.02	mg/kg	U	0.024	1.7		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.53	mg/kg		1.1	1.1		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	78-59-1	Isophorone	0.02	mg/kg	U	547	547		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	91-20-3	Naphthalene	0.02	mg/kg	U	1.9	1.9		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	98-95-3	Nitrobenzene	0.02	mg/kg	U	2.2	4.9		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	62-75-9	N-Nitrosodimethylamine	0.098	mg/kg	U	0.0019	0.0019		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	621-64-7	N-Nitrosodi-n-propylamine	0.098	mg/kg	U	0.075	0.075		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	86-30-6	N-Nitrosodiphenylamine	0.02	mg/kg	U	0.55	106		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	87-86-5	Pentachlorophenol	0.098	mg/kg	U	0.96	1		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	85-01-8	Phenanthrene	0.55	mg/kg		29	1728		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	108-95-2	Phenol	0.02	mg/kg	U	0.79	1824		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	8270D	129-00-0	Pyrene	2.9	mg/kg		1.1	173		
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	1.7743	mg/kg					
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	13.06	mg/kg		1.1			
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.77	mg/kg		29			
BIL08USE	723658.943	7834874.799	4/10/2007	0.5 - 0.5	SO	N	070410BIL08SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.07	mg/kg		0.0073	0.23		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	8082	12674-11-2	Aroclor-1016	0.00127	mg/kg	U	0.041	0.1		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	8082	11104-28-2	Aroclor-1221	0.00543	mg/kg	U	0.041	0.19		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	8082	11141-16-5	Aroclor-1232	0.00433	mg/kg	U	0.041	0.16		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	8082	53469-21-9	Aroclor-1242	0.00232	mg/kg	U	0.041	0.22		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	8082	12672-29-6	Aroclor-1248	0.00576	mg/kg	U	0.041	0.22		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	8082	11097-69-1	Aroclor-1254	0.0018	mg/kg	U	0.029	0.029		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	8082	11096-82-5	Aroclor-1260	0.0553	mg/kg		0.041	0.23		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	Krone	1002-53-5	Dibutyltin	0.00644	mg/kg	U	1.8	1.8		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	Krone	78763-54-9	Monobutyltin	0.0142	mg/kg	U	2.2	2.2		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	Krone	1461-25-2	Tetrabutyltin	0.00498	mg/kg	U	2.2	2.2		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	Krone	688-73-3	Tributyltin	0.0103	mg/kg	U	2.2	2.2		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7429-90-5	Aluminum	2380	mg/kg		50	7392		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7440-36-0	Antimony	2.58	mg/kg		0.27	3		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7440-38-2	Arsenic	1.72	mg/kg		0.43	0.43		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7440-39-3	Barium	45.3	mg/kg	J	330	1440		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7440-41-7	Beryllium	0.182	mg/kg	U	15	15		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7440-43-9	Cadmium	1.46	mg/kg		0.36	0.68		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7440-70-2	Calcium	1760	mg/kg					
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7440-47-3	Chromium	11	mg/kg		0.29	0.29		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7440-48-4	Cobalt	3.99	mg/kg		2.2	2.2		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7440-50-8	Copper	36	mg/kg	J	28	298		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7439-89-6	Iron	10300	mg/kg		5280	5280		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7439-92-1	Lead	966	mg/kg	J	11	192		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7439-95-4	Magnesium	1190	mg/kg					
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7439-96-5	Manganese	146	mg/kg	J	173	173		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7439-97-6	Mercury	1.04	mg/kg		0.013	1.1		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7440-02-0	Nickel	7.85	mg/kg	J	38	134		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7440-09-7	Potassium	336	mg/kg	J				
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7782-49-2	Selenium	0.087	mg/kg	U	0.52	37		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7440-22-4	Silver	0.205	mg/kg	J	4.2	37		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7440-23-5	Sodium	163	mg/kg	U				
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7440-28-0	Thallium	0.0835	mg/kg	J	0.05	0.075		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7440-62-2	Vanadium	15.9	mg/kg		7.8	37		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	METALS	7440-66-6	Zinc	95.6	mg/kg	J	46	2208		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	NWTPH-Dx	TPH-D	Diesel Range Organics	7650	mg/kg		260	1100		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	NWTPH-Dx	MOIL	Residual Range Organics	38600	mg/kg		260	2800		
BIL09	723619.432	7834927.375	10/16/2001	6 - 6	SO	N	011016BIL09SS	Tot_Aroclor_Calc	PCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.0629	mg/kg		0.0073	0.23		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8081 Pest	72-54-8	4,4'-DDD	0.018	mg/kg	U	0.021	2.2		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8081 Pest	72-55-9	4,4'-DDE	0.0035	mg/kg	U	0.021	1.8		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8081 Pest	50-29-3	4,4'-DDT	0.0035	mg/kg	U	0.021	1.8		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8081 Pest	309-00-2	Aldrin	0.0018	mg/kg	U	0.000085	0.031		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8081 Pest	319-84-6	alpha-BHC	0.0018	mg/kg	U	0.0096	0.083		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8081 Pest	5103-71-9	alpha-Chlordane	0.0088	mg/kg	U	0.27	1.7		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8081 Pest	319-85-7	beta-BHC	0.0018	mg/kg	U	0.0096	0.086		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8081 Pest	319-86-8	delta-BHC	0.0018	mg/kg	U	0.0096	0.083		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8081 Pest	60-57-1	Dieldrin	0.0035	mg/kg	U	0.0049	0.033		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8081 Pest	959-98-8	Endosulfan I	0.0018	mg/kg	U	0.64	45		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8081 Pest	33213-65-9	Endosulfan II	0.0035	mg/kg	U	0.64	45		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.0035	mg/kg	U	0.64	36		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8081 Pest	72-20-8	Endrin	0.0035	mg/kg	U	0.0014	1.8		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8081 Pest	7421-93-4	Endrin aldehyde	0.0035	mg/kg	U	0.0014	1.8		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8081 Pest	53494-70-5	Endrin ketone	0.0035	mg/kg	U	0.0014	1.8		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.0018	mg/kg	U	0.0096	0.49		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8081 Pest	5103-74-2	gamma-Chlordane	0.0026	mg/kg	U	0.27	1.7		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8081 Pest	76-44-8	Heptachlor	0.0018	mg/kg	U	0.0016	0.11		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.0018	mg/kg	U	0.00015	0.055		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8081 Pest	72-43-5	Methoxychlor	0.018	mg/kg	U	5.1	31		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8081 Pest	8001-35-2	Toxaphene	0.035	mg/kg	U	0.47	0.47		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8151	93-76-5	2,4,5-T	0.0067	mg/kg	U	60	60		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8151	93-72-1	2,4,5-TP (Silvex)	0.01	mg/kg	U	0.055	49		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8151	94-75-7	2,4-D	0.021	mg/kg	U	67	67		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8151	94-82-6	2,4-DB	0.034	mg/kg	U				
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.4	mg/kg	U				
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8151	75-99-0	Dalapon	0.042	mg/kg	U	182	182		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8151	1918-00-9	Dicamba	0.012	mg/kg	U	182	182		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8151	88-85-7	Dinoseb	0.015	mg/kg	U	0.015	6		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8151	94-74-6	MCPA	1.1	mg/kg	U	3.1	3.1		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8151	93-65-2	MCPP	28	mg/kg	U	6	6		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.0021	mg/kg	U	0.07	1.9		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	71-55-6	1,1,1-Trichloroethane	0.0021	mg/kg	U	260	778		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.0021	mg/kg	U	0.13	0.58		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	79-00-5	1,1,2-Trichloroethane	0.0021	mg/kg	U	0.14	0.14		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	75-34-3	1,1-Dichloroethane	0.0021	mg/kg	U	3.5	3.5		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	75-35-4	1,1-Dichloroethene	0.0021	mg/kg	U	11	22		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	563-58-6	1,1-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.0053	mg/kg	U	6	6		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	96-18-4	1,2,3-Trichloropropane	0.0021	mg/kg	U	0.0049	0.0049		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	120-82-1	1,2,4-Trichlorobenzene	0.0053	mg/kg	U	0.27	5.6		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.0021	mg/kg	U	0.09	29		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.0053	mg/kg	U	0.0051	0.0051		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.0021	mg/kg	U	0.035	0.035		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	95-50-1	1,2-Dichlorobenzene	0.0021	mg/kg	U	0.92	173		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	107-06-2	1,2-Dichloroethane	0.0021	mg/kg	U	0.44	0.44		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	78-87-5	1,2-Dichloropropane	0.0021	mg/kg	U	0.28	1.5		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.0021	mg/kg	U	0.16	26		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	541-73-1	1,3-Dichlorobenzene	0.0021	mg/kg	U	0.74	2.5		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	142-28-9	1,3-Dichloropropane	0.0021	mg/kg	U	0.28	154		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	106-46-7	1,4-Dichlorobenzene	0.0021	mg/kg	U	0.89	2.5		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	594-20-7	2,2-Dichloropropane	0.0021	mg/kg	U	0.28	1.5		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	95-49-8	2-Chlorotoluene	0.0021	mg/kg	U	154	154		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	591-78-6	2-Hexanone	0.011	mg/kg	U	0.36	19		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	106-43-4	4-Chlorotoluene	0.0021	mg/kg	U	154	154		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	67-64-1	Acetone	0.011	mg/kg	U	1.2	6720		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	71-43-2	Benzene	0.0021	mg/kg	U	1.2	1.2		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	108-86-1	Bromobenzene	0.0021	mg/kg	U	28	28		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	74-97-5	Bromochloromethane	0.0021	mg/kg	U	3.4	3.4		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	75-27-4	Bromodichloromethane	0.0021	mg/kg	U	0.28	0.28		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	75-25-2	Bromoform	0.0021	mg/kg	U	0.07	18		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	74-83-9	Bromomethane	0.0053	mg/kg	U	0.002	0.65		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	75-15-0	Carbon disulfide	0.011	mg/kg	U	0.81	74		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	56-23-5	Carbon tetrachloride	0.0021	mg/kg	U	0.62	0.62		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	108-90-7	Chlorobenzene	0.0021	mg/kg	U	2.4	27		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	75-00-3	Chloroethane	0.0021	mg/kg	U	518	518		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	67-66-3	Chloroform	0.0021	mg/kg	U	0.31	0.31		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	74-87-3	Chloromethane	0.0053	mg/kg	U	11	11		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	156-59-2	cis-1,2-Dichloroethene	0.0021	mg/kg	U	6	6		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	124-48-1	Dibromochloromethane	0.0021	mg/kg	U	3.7	3.7		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	74-95-3	Dibromomethane	0.0021	mg/kg	U	2.304	2.3		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	75-71-8	Dichlorodifluoromethane	0.0021	mg/kg	U	8.4	8.4		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	100-41-4	Ethylbenzene	0.0021	mg/kg	U	0.27	5.6		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	87-68-3	Hexachlorobutadiene	0.0053	mg/kg	U	0.009	1.2		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	98-82-8	Isopropylbenzene	0.0021	mg/kg	U	0.04	182		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	179601-23-1	m,p-Xylene	0.0021	mg/kg	U	1.4	53		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	78-93-3	MEK (2-Butanone)	0.011	mg/kg	U	350	2592		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	75-09-2	Methylene chloride	0.011	mg/kg	U	2.6	34		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	0.011	mg/kg	U	9.7	3168		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	91-20-3	Naphthalene	0.0053	mg/kg	U	1.9	1.9		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	104-51-8	n-Butylbenzene	0.0021	mg/kg	U	374	374		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	103-65-1	n-Propylbenzene	0.0021	mg/kg	U	365	365		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	95-47-6	o-Xylene	0.0021	mg/kg	U	1.4	61		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	99-87-6	p-Cymene	0.0021	mg/kg	U	0.18	182		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	135-98-8	sec-Butylbenzene	0.0053	mg/kg	U	749	749		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	100-42-5	Styrene	0.0021	mg/kg	U	1.2	576		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	98-06-6	tert-Butylbenzene	0.0021	mg/kg	U	749	749		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	127-18-4	Tetrachloroethene	0.0021	mg/kg	U	0.18	7.8		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	108-88-3	Toluene	0.0021	mg/kg	U	23	470		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	156-60-5	trans-1,2-Dichloroethene	0.0021	mg/kg	U	6.7	6.7		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	79-01-6	Trichloroethene	0.0021	mg/kg	U	0.39	0.39		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	75-69-4	Trichlorofluoromethane	0.0021	mg/kg	U	52	2208		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	108-05-4	Vinyl acetate	0.011	mg/kg	U	87	87		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8260	75-01-4	Vinyl chloride	0.0021	mg/kg	U	0.057	0.057		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	95-95-4	2,4,5-Trichlorophenol	0.88	mg/kg	U	4	605		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	88-06-2	2,4,6-Trichlorophenol	0.18	mg/kg	U	6	6		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	120-83-2	2,4-Dichlorophenol	0.18	mg/kg	U	0.05	18		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	105-67-9	2,4-Dimethylphenol	0.18	mg/kg	U	0.04	125		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	51-28-5	2,4-Dinitrophenol	0.88	mg/kg	U	0.061	12		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	121-14-2	2,4-Dinitrotoluene	0.18	mg/kg	U	1.6	1.6		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	606-20-2	2,6-Dinitrotoluene	0.18	mg/kg	U	0.3456	0.35		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	91-58-7	2-Chloronaphthalene	0.18	mg/kg	U	461	461		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	95-57-8	2-Chlorophenol	0.18	mg/kg	U	0.39	37		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	91-57-6	2-Methylnaphthalene	0.18	mg/kg	U	23	23		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	95-48-7	2-Methylphenol	0.18	mg/kg	U	0.67	307		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	88-74-4	2-Nitroaniline	0.88	mg/kg	U	5.3	60		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	88-75-5	2-Nitrophenol	0.18	mg/kg	U	5.1	1824		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	91-94-1	3,3'-Dichlorobenzidine	0.35	mg/kg	U	0.03	1.2		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	99-09-2	3-Nitroaniline	0.88	mg/kg	U	0.02	60		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.88	mg/kg	U	0.49	0.49		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.18	mg/kg	U				
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	59-50-7	4-Chloro-3-methylphenol	0.18	mg/kg	U	605	605		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	106-47-8	4-Chloroaniline	0.18	mg/kg	U	1	2.6		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.18	mg/kg	U				
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	106-44-5	4-Methylphenol	0.18	mg/kg	U	0.08	125		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	100-01-6	4-Nitroaniline	0.88	mg/kg	U	0.02	24		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	100-02-7	4-Nitrophenol	0.88	mg/kg	U	5.1	1824		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	83-32-9	Acenaphthene	0.18	mg/kg	U	29	346		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	208-96-8	Acenaphthylene	0.18	mg/kg	U	1.9	1.9		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	62-53-3	Aniline	0.18	mg/kg	U	42	42		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	120-12-7	Anthracene	0.18	mg/kg	U	29	1728		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	92-87-5	Benzidine	1.8	mg/kg	U	0.00051	0.00051		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	56-55-3	Benzo(a)anthracene	0.082	mg/kg	J	1.1	1.1		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	50-32-8	Benzo(a)pyrene	0.1	mg/kg	J	0.11	0.11		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	205-99-2	Benzo(b)fluoranthene	0.082	mg/kg	J	1.1	1.1		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	191-24-2	Benzo(g,h,i)perylene	0.082	mg/kg	J	1.1	173		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	207-08-9	Benzo(k)fluoranthene	0.089	mg/kg	J	1.1	11		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	65-85-0	Benzoic acid	0.02	mg/kg	J	1	24000		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	100-51-6	Benzyl alcohol	0.18	mg/kg	U	120	605		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.18	mg/kg	U	18	18		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.18	mg/kg	U	0.22	0.22		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	0.18	mg/kg		0.02	37		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.18	mg/kg	U	298	298		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	85-68-7	Butyl benzylphthalate	0.18	mg/kg	U	90	278		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	86-74-8	Carbazole	0.18	mg/kg	U	7.5	7.5		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	218-01-9	Chrysene	0.1	mg/kg	J	1.1	106		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	53-70-3	Dibenzo(a,h)anthracene	0.032	mg/kg	J	0.1056	0.11		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	132-64-9	Dibenzofuran	0.18	mg/kg	U	6.1	7.5		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	84-66-2	Diethyl phthalate	0.18	mg/kg	U	100	4896		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	131-11-3	Dimethyl phthalate	0.18	mg/kg	U	10	37		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	84-74-2	Di-n-butylphthalate	0.18	mg/kg	U	0.011	605		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	117-84-0	Di-n-octylphthalate	0.18	mg/kg	U	0.91	60		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	206-44-0	Fluoranthene	0.12	mg/kg	J	1.1	230		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	86-73-7	Fluorene	0.18	mg/kg	U	29	230		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	118-74-1	Hexachlorobenzene	0.18	mg/kg	U	0.075	0.075		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	77-47-4	Hexachlorocyclopentadiene	0.18	mg/kg	U	0.001	0.17		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	67-72-1	Hexachloroethane	0.18	mg/kg	U	0.024	1.7		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	0.074	mg/kg	J	1.1	1.1		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	78-59-1	Isophorone	0.18	mg/kg	U	547	547		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	98-95-3	Nitrobenzene	0.18	mg/kg	U	2.2	4.9		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	62-75-9	N-Nitrosodimethylamine	0.18	mg/kg	U	0.0019	0.0019		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.18	mg/kg	U	0.075	0.075		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	86-30-6	N-Nitrosodiphenylamine	0.18	mg/kg	U	0.55	106		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	87-86-5	Pentachlorophenol	0.88	mg/kg	U	0.96	1		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	85-01-8	Phenanthrene	0.04	mg/kg	J	29	1728		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	108-95-2	Phenol	0.18	mg/kg	U	0.79	1824		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	8270	129-00-0	Pyrene	0.13	mg/kg	J	1.1	173		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.15679	mg/kg					
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.891	mg/kg		1.1			
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.94	mg/kg		29			
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	METALS	7440-36-0	Antimony	2.8	mg/kg	U	0.27	3		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	METALS	7440-38-2	Arsenic	3	mg/kg		0.43	0.43		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	METALS	7440-39-3	Barium	119	mg/kg		330	1440		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	METALS	7440-41-7	Beryllium	0.4	mg/kg		15	15		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	METALS	7440-43-9	Cadmium	0.28	mg/kg	U	0.36	0.68		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	METALS	7440-47-3	Chromium	18.8	mg/kg		0.29	0.29		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	METALS	7440-50-8	Copper	26.6	mg/kg		28	298		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	METALS	7439-89-6	Iron	20700	mg/kg		5280	5280		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	METALS	7439-92-1	Lead	40.5	mg/kg		11	192		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	METALS	7439-96-5	Manganese	312	mg/kg		173	173		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	METALS	7439-97-6	Mercury	0.12	mg/kg		0.013	1.1		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	METALS	7440-02-0	Nickel	14.9	mg/kg		38	134		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	METALS	7782-49-2	Selenium	0.55	mg/kg	U	0.52	37		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	METALS	7440-22-4	Silver	0.56	mg/kg	U	4.2	37		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	METALS	7440-28-0	Thallium	0.28	mg/kg	U	0.05	0.075		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	METALS	7440-66-6	Zinc	85.1	mg/kg		46	2208		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	NWTPH_HCID	TPH-G	Gasoline Range Organics	20	mg/kg		120	1200		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	NWTPH-Dx	TPH-D	Diesel Range Organics	32	mg/kg		260	1100		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	NWTPH-Dx	MOIL	Residual Range Organics	130	mg/kg		260	2800		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	PCBS	12674-11-2	Aroclor-1016	0.035	mg/kg	UJ	0.041	0.1		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	PCBS	11104-28-2	Aroclor-1221	0.035	mg/kg	UJ	0.041	0.19		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	PCBS	11141-16-5	Aroclor-1232	0.035	mg/kg	UJ	0.041	0.16		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	PCBS	53469-21-9	Aroclor-1242	0.035	mg/kg	UJ	0.041	0.22		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	PCBS	12672-29-6	Aroclor-1248	0.035	mg/kg	UJ	0.041	0.22		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	PCBS	11097-69-1	Aroclor-1254	0.035	mg/kg	UJ	0.029	0.029		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	PCBS	11096-82-5	Aroclor-1260	0.035	mg/kg	UJ	0.041	0.23		
BIL09SSI	723566.619	7834885.801	9/20/1999	0 - 0.5	SO	N	990920BIL09SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.105	mg/kg	U	0.0073	0.23		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	200.8	7440-36-0	Antimony	0.3	mg/kg	UJ	0.27	3		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	200.8	7440-38-2	Arsenic	4.5	mg/kg		0.43	0.43		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	200.8	7440-41-7	Beryllium	0.4	mg/kg		15	15		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	200.8	7440-48-4	Cobalt	8.5	mg/kg	J	2.2	2.2		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	200.8	7439-92-1	Lead	127	mg/kg	J	11	192		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	200.8	7440-22-4	Silver	0.3	mg/kg	U	4.2	37		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	200.8	7440-28-0	Thallium	0.3	mg/kg	U	0.05	0.075		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	200.8	7440-62-2	Vanadium	42.6	mg/kg		7.8	37		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	6010B	7429-90-5	Aluminum	16000	mg/kg	J	50	7392		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	6010B	7440-39-3	Barium	130	mg/kg		330	1440		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	6010B	7440-70-2	Calcium	5410	mg/kg					
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	6010B	7440-47-3	Chromium	22	mg/kg		0.29	0.29		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	6010B	7440-50-8	Copper	39.1	mg/kg		28	298		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	6010B	7439-89-6	Iron	25100	mg/kg	J	5280	5280		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	6010B	7439-95-4	Magnesium	5580	mg/kg					
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	6010B	7439-96-5	Manganese	366	mg/kg	J	173	173		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	6010B	7440-02-0	Nickel	21	mg/kg		38	134		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	6010B	7440-09-7	Potassium	1870	mg/kg					
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	6010B	7440-23-5	Sodium	560	mg/kg					
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	6010B	7440-66-6	Zinc	189	mg/kg		46	2208		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	7131A	7440-43-9	Cadmium	1.7	mg/kg		0.36	0.68		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	7471A	7439-97-6	Mercury	0.11	mg/kg		0.013	1.1		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	7740	7782-49-2	Selenium	0.3	mg/kg	U	0.52	37		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8081A	72-54-8	4,4'-DDD	0.0019	mg/kg	U	0.021	2.2		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8081A	72-55-9	4,4'-DDE	0.0019	mg/kg	U	0.021	1.8		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8081A	50-29-3	4,4'-DDT	0.0064	mg/kg		0.021	1.8		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8081A	309-00-2	Aldrin	0.00097	mg/kg	U	0.000085	0.031		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8081A	319-84-6	alpha-BHC	0.00097	mg/kg	U	0.0096	0.083		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8081A	5103-71-9	alpha-Chlordane	0.00097	mg/kg	U	0.27	1.7		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8081A	319-85-7	beta-BHC	0.00097	mg/kg	U	0.0096	0.086		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8081A	319-86-8	delta-BHC	0.00097	mg/kg	U	0.0096	0.083		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8081A	60-57-1	Dieldrin	0.0019	mg/kg	U	0.0049	0.033		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8081A	959-98-8	Endosulfan I	0.00097	mg/kg	U	0.64	45		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8081A	33213-65-9	Endosulfan II	0.0019	mg/kg	U	0.64	45		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8081A	1031-07-8	Endosulfan sulfate	0.0019	mg/kg	U	0.64	36		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8081A	72-20-8	Endrin	0.0019	mg/kg	U	0.0014	1.8		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8081A	7421-93-4	Endrin aldehyde	0.0019	mg/kg	U	0.0014	1.8		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8081A	53494-70-5	Endrin ketone	0.0019	mg/kg	U	0.0014	1.8		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8081A	58-89-9	gamma-BHC (Lindane)	0.00097	mg/kg	U	0.0096	0.49		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8081A	5103-74-2	gamma-Chlordane	0.00097	mg/kg	U	0.27	1.7		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8081A	76-44-8	Heptachlor	0.00097	mg/kg	U	0.0016	0.11		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8081A	1024-57-3	Heptachlor epoxide	0.00097	mg/kg	U	0.00015	0.055		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8081A	72-43-5	Methoxychlor	0.0097	mg/kg	U	5.1	31		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8081A	8001-35-2	Toxaphene	0.097	mg/kg	U	0.47	0.47		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8082	12674-11-2	Aroclor-1016	0.0038	mg/kg	U	0.041	0.1		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8082	11104-28-2	Aroclor-1221	0.0038	mg/kg	U	0.041	0.19		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8082	11141-16-5	Aroclor-1232	0.0038	mg/kg	U	0.041	0.16		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8082	53469-21-9	Aroclor-1242	0.0038	mg/kg	U	0.041	0.22		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8082	12672-29-6	Aroclor-1248	0.0038	mg/kg	U	0.041	0.22		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8082	11097-69-1	Aroclor-1254	0.0055	mg/kg		0.029	0.029		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8082	11096-82-5	Aroclor-1260	0.019	mg/kg		0.041	0.23		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	120-82-1	1,2,4-Trichlorobenzene	0.02	mg/kg	U	0.27	5.6		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	95-50-1	1,2-Dichlorobenzene	0.02	mg/kg	U	0.92	173		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	541-73-1	1,3-Dichlorobenzene	0.02	mg/kg	U	0.74	2.5		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	106-46-7	1,4-Dichlorobenzene	0.02	mg/kg	U	0.89	2.5		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	95-95-4	2,4,5-Trichlorophenol	0.099	mg/kg	U	4	605		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	88-06-2	2,4,6-Trichlorophenol	0.099	mg/kg	U	6	6		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	120-83-2	2,4-Dichlorophenol	0.099	mg/kg	U	0.05	18		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	105-67-9	2,4-Dimethylphenol	0.02	mg/kg	U	0.04	125		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	51-28-5	2,4-Dinitrophenol	0.2	mg/kg	U	0.061	12		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	121-14-2	2,4-Dinitrotoluene	0.099	mg/kg	U	1.6	1.6		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	606-20-2	2,6-Dinitrotoluene	0.099	mg/kg	U	0.3456	0.35		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	91-58-7	2-Chloronaphthalene	0.02	mg/kg	U	461	461		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	95-57-8	2-Chlorophenol	0.02	mg/kg	U	0.39	37		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	91-57-6	2-Methylnaphthalene	0.02	mg/kg	U	23	23		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	95-48-7	2-Methylphenol	0.02	mg/kg	U	0.67	307		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	88-74-4	2-Nitroaniline	0.099	mg/kg	U	5.3	60		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	88-75-5	2-Nitrophenol	0.099	mg/kg	U	5.1	1824		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	91-94-1	3,3'-Dichlorobenzidine	0.099	mg/kg	U	0.03	1.2		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	99-09-2	3-Nitroaniline	0.099	mg/kg	U	0.02	60		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	534-52-1	4,6-Dinitro-2-methylphenol	0.2	mg/kg	U	0.49	0.49		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	101-55-3	4-Bromophenyl phenyl ether	0.02	mg/kg	U				
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	59-50-7	4-Chloro-3-methylphenol	0.099	mg/kg	U	605	605		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	106-47-8	4-Chloroaniline	0.099	mg/kg	U	1	2.6		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	7005-72-3	4-Chlorophenyl phenyl ether	0.02	mg/kg	U				
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	106-44-5	4-Methylphenol	0.02	mg/kg	U	0.08	125		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	100-01-6	4-Nitroaniline	0.099	mg/kg	U	0.02	24		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	100-02-7	4-Nitrophenol	0.099	mg/kg	U	5.1	1824		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	83-32-9	Acenaphthene	0.02	mg/kg	U	29	346		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	208-96-8	Acenaphthylene	0.02	mg/kg	U	1.9	1.9		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	120-12-7	Anthracene	0.03	mg/kg		29	1728		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	56-55-3	Benzo(a)anthracene	0.18	mg/kg		1.1	1.1		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	50-32-8	Benzo(a)pyrene	0.14	mg/kg		0.11	0.11		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	205-99-2	Benzo(b)fluoranthene	0.17	mg/kg		1.1	1.1		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	191-24-2	Benzo(g,h,i)perylene	0.075	mg/kg		1.1	173		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	207-08-9	Benzo(k)fluoranthene	0.13	mg/kg		1.1	11		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	65-85-0	Benzoic acid	0.14	mg/kg	J	1	24000		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	100-51-6	Benzyl alcohol	0.014	mg/kg	J	120	605		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	111-91-1	Bis (2-chloroethoxy) methane	0.02	mg/kg	U	18	18		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	111-44-4	Bis (2-chloroethyl) ether	0.02	mg/kg	U	0.22	0.22		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.14	mg/kg		0.02	37		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	39638-32-9	bis(2-Chloroisopropyl) ether	0.02	mg/kg	U	298	298		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	85-68-7	Butyl benzylphthalate	0.02	mg/kg	U	90	278		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	86-74-8	Carbazole	0.016	mg/kg	J	7.5	7.5		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	218-01-9	Chrysene	0.19	mg/kg		1.1	106		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	53-70-3	Dibenzo(a,h)anthracene	0.018	mg/kg	J	0.1056	0.11		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	132-64-9	Dibenzofuran	0.02	mg/kg	U	6.1	7.5		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	84-66-2	Diethyl phthalate	0.02	mg/kg	U	100	4896		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	131-11-3	Dimethyl phthalate	0.02	mg/kg	U	10	37		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	84-74-2	Di-n-butylphthalate	0.07	mg/kg		0.011	605		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	117-84-0	Di-n-octylphthalate	0.02	mg/kg	U	0.91	60		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	206-44-0	Fluoranthene	0.3	mg/kg		1.1	230		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	86-73-7	Fluorene	0.01	mg/kg	J	29	230		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	118-74-1	Hexachlorobenzene	0.02	mg/kg	U	0.075	0.075		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	87-68-3	Hexachlorobutadiene	0.02	mg/kg	U	0.009	1.2		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	77-47-4	Hexachlorocyclopentadiene	0.099	mg/kg	U	0.001	0.17		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	67-72-1	Hexachloroethane	0.02	mg/kg	U	0.024	1.7		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.074	mg/kg		1.1	1.1		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	78-59-1	Isophorone	0.02	mg/kg	U	547	547		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	91-20-3	Naphthalene	0.02	mg/kg	U	1.9	1.9		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	98-95-3	Nitrobenzene	0.02	mg/kg	U	2.2	4.9		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	62-75-9	N-Nitrosodimethylamine	0.099	mg/kg	U	0.0019	0.0019		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	621-64-7	N-Nitrosodi-n-propylamine	0.099	mg/kg	U	0.075	0.075		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	86-30-6	N-Nitrosodiphenylamine	0.02	mg/kg	U	0.55	106		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	87-86-5	Pentachlorophenol	0.099	mg/kg	U	0.96	1		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	85-01-8	Phenanthrene	0.16	mg/kg		29	1728		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	108-95-2	Phenol	0.02	mg/kg	U	0.79	1824		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	8270D	129-00-0	Pyrene	0.24	mg/kg	J	1.1	173		
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.30989	mg/kg					
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	1.517	mg/kg		1.1			
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.23	mg/kg		29			
BIL09USE	723671.906	7834878.959	4/10/2007	0.5 - 0.5	SO	N	070410BIL09SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0283	mg/kg		0.0073	0.23		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	8082	12674-11-2	Aroclor-1016	0.00114	mg/kg	U	0.041	0.1		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	8082	11104-28-2	Aroclor-1221	0.00488	mg/kg	U	0.041	0.19		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	8082	11141-16-5	Aroclor-1232	0.0039	mg/kg	U	0.041	0.16		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	8082	53469-21-9	Aroclor-1242	0.00208	mg/kg	U	0.041	0.22		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	8082	12672-29-6	Aroclor-1248	0.00518	mg/kg	U	0.041	0.22		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	8082	11097-69-1	Aroclor-1254	0.00162	mg/kg	U	0.029	0.029		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	8082	11096-82-5	Aroclor-1260	0.00162	mg/kg	U	0.041	0.23		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	Krone	1002-53-5	Dibutyltin	0.000657	mg/kg	U	1.8	1.8		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	Krone	78763-54-9	Monobutyltin	0.00145	mg/kg	U	2.2	2.2		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	Krone	1461-25-2	Tetrabutyltin	0.000507	mg/kg	U	2.2	2.2		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	Krone	688-73-3	Tributyltin	0.00105	mg/kg	U	2.2	2.2		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7429-90-5	Aluminum	7360	mg/kg		50	7392		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7440-36-0	Antimony	1.77	mg/kg		0.27	3		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7440-38-2	Arsenic	7.98	mg/kg		0.43	0.43		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7440-39-3	Barium	68.4	mg/kg	J	330	1440		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7440-41-7	Beryllium	0.227	mg/kg	J	15	15		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7440-43-9	Cadmium	0.762	mg/kg		0.36	0.68		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7440-70-2	Calcium	5320	mg/kg					
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7440-47-3	Chromium	15.5	mg/kg		0.29	0.29		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7440-48-4	Cobalt	12.4	mg/kg		2.2	2.2		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7440-50-8	Copper	32.5	mg/kg	J	28	298		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7439-89-6	Iron	21400	mg/kg		5280	5280		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7439-92-1	Lead	157	mg/kg	J	11	192		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7439-95-4	Magnesium	6850	mg/kg					
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7439-96-5	Manganese	387	mg/kg	J	173	173		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7439-97-6	Mercury	0.052	mg/kg		0.013	1.1		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7440-02-0	Nickel	23.3	mg/kg	J	38	134		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7440-09-7	Potassium	493	mg/kg					
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7782-49-2	Selenium	0.3	mg/kg	J	0.52	37		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7440-22-4	Silver	0.169	mg/kg	J	4.2	37		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7440-23-5	Sodium	158	mg/kg	U				
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7440-28-0	Thallium	0.116	mg/kg		0.05	0.075		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7440-62-2	Vanadium	42.7	mg/kg		7.8	37		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	METALS	7440-66-6	Zinc	79.8	mg/kg	J	46	2208		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	NWTPH-Dx	TPH-D	Diesel Range Organics	22.9	mg/kg	J	260	1100		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	NWTPH-Dx	MOIL	Residual Range Organics	68.5	mg/kg		260	2800		
BIL10	723613.088	7834918.756	10/16/2001	5 - 5	SO	N	011016BIL10SS	Tot_Aroclor_Calc	PCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.00842	mg/kg	U	0.0073	0.23		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8081 Pest	72-54-8	4,4'-DDD	0.013	mg/kg	U	0.021	2.2		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8081 Pest	72-55-9	4,4'-DDE	0.0035	mg/kg	U	0.021	1.8		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8081 Pest	50-29-3	4,4'-DDT	0.0035	mg/kg	U	0.021	1.8		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8081 Pest	309-00-2	Aldrin	0.0018	mg/kg	U	0.000085	0.031		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8081 Pest	319-84-6	alpha-BHC	0.0018	mg/kg	U	0.0096	0.083		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8081 Pest	5103-71-9	alpha-Chlordane	0.0035	mg/kg	U	0.27	1.7		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8081 Pest	319-85-7	beta-BHC	0.0018	mg/kg	U	0.0096	0.086		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8081 Pest	319-86-8	delta-BHC	0.0018	mg/kg	U	0.0096	0.083		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8081 Pest	60-57-1	Dieldrin	0.0035	mg/kg	U	0.0049	0.033		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8081 Pest	959-98-8	Endosulfan I	0.0018	mg/kg	U	0.64	45		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8081 Pest	33213-65-9	Endosulfan II	0.0035	mg/kg	U	0.64	45		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.0035	mg/kg	U	0.64	36		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8081 Pest	72-20-8	Endrin	0.0035	mg/kg	U	0.0014	1.8		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8081 Pest	7421-93-4	Endrin aldehyde	0.0035	mg/kg	U	0.0014	1.8		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8081 Pest	53494-70-5	Endrin ketone	0.0035	mg/kg	U	0.0014	1.8		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.0018	mg/kg	U	0.0096	0.49		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8081 Pest	5103-74-2	gamma-Chlordane	0.0018	mg/kg	U	0.27	1.7		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8081 Pest	76-44-8	Heptachlor	0.0018	mg/kg	U	0.0016	0.11		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.0018	mg/kg	U	0.00015	0.055		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8081 Pest	72-43-5	Methoxychlor	0.018	mg/kg	U	5.1	31		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8081 Pest	8001-35-2	Toxaphene	0.035	mg/kg	U	0.47	0.47		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8151	93-76-5	2,4,5-T	0.009	mg/kg	U	60	60		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8151	93-72-1	2,4,5-TP (Silvex)	0.0055	mg/kg	U	0.055	49		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8151	94-75-7	2,4-D	0.021	mg/kg	U	67	67		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8151	94-82-6	2,4-DB	0.011	mg/kg	U				
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.24	mg/kg	U				
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8151	75-99-0	Dalapon	0.042	mg/kg	U	182	182		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8151	1918-00-9	Dicamba	0.0021	mg/kg	U	182	182		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8151	88-85-7	Dinoseb	0.016	mg/kg	U	0.015	6		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8151	94-74-6	MCPA	1.1	mg/kg	U	3.1	3.1		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8151	93-65-2	MCPP	38	mg/kg	U	6	6		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.0021	mg/kg	U	0.07	1.9		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	71-55-6	1,1,1-Trichloroethane	0.0021	mg/kg	U	260	778		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.0021	mg/kg	U	0.13	0.58		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	79-00-5	1,1,2-Trichloroethane	0.0021	mg/kg	U	0.14	0.14		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	75-34-3	1,1-Dichloroethane	0.0021	mg/kg	U	3.5	3.5		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	75-35-4	1,1-Dichloroethene	0.0021	mg/kg	U	11	22		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	563-58-6	1,1-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.0053	mg/kg	U	6	6		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	96-18-4	1,2,3-Trichloropropane	0.0021	mg/kg	U	0.0049	0.0049		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	120-82-1	1,2,4-Trichlorobenzene	0.0053	mg/kg	U	0.27	5.6		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.0021	mg/kg	U	0.09	29		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.0053	mg/kg	U	0.0051	0.0051		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.0021	mg/kg	U	0.035	0.035		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	95-50-1	1,2-Dichlorobenzene	0.0021	mg/kg	U	0.92	173		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	107-06-2	1,2-Dichloroethane	0.0021	mg/kg	U	0.44	0.44		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	78-87-5	1,2-Dichloropropane	0.0021	mg/kg	U	0.28	1.5		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.0021	mg/kg	U	0.16	26		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	541-73-1	1,3-Dichlorobenzene	0.0021	mg/kg	U	0.74	2.5		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	142-28-9	1,3-Dichloropropane	0.0021	mg/kg	U	0.28	154		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	106-46-7	1,4-Dichlorobenzene	0.0021	mg/kg	U	0.89	2.5		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	594-20-7	2,2-Dichloropropane	0.0021	mg/kg	U	0.28	1.5		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	95-49-8	2-Chlorotoluene	0.0021	mg/kg	U	154	154		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	591-78-6	2-Hexanone	0.011	mg/kg	U	0.36	19		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	106-43-4	4-Chlorotoluene	0.0021	mg/kg	U	154	154		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	67-64-1	Acetone	0.011	mg/kg	U	1.2	6720		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	71-43-2	Benzene	0.0021	mg/kg	U	1.2	1.2		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	108-86-1	Bromobenzene	0.0021	mg/kg	U	28	28		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	74-97-5	Bromochloromethane	0.0021	mg/kg	U	3.4	3.4		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	75-27-4	Bromodichloromethane	0.0021	mg/kg	U	0.28	0.28		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	75-25-2	Bromoform	0.0021	mg/kg	U	0.07	18		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	74-83-9	Bromomethane	0.0053	mg/kg	U	0.002	0.65		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	75-15-0	Carbon disulfide	0.011	mg/kg	U	0.81	74		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	56-23-5	Carbon tetrachloride	0.0021	mg/kg	U	0.62	0.62		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	108-90-7	Chlorobenzene	0.0021	mg/kg	U	2.4	27		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	75-00-3	Chloroethane	0.0021	mg/kg	U	518	518		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	67-66-3	Chloroform	0.0021	mg/kg	U	0.31	0.31		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	74-87-3	Chloromethane	0.0053	mg/kg	U	11	11		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	156-59-2	cis-1,2-Dichloroethene	0.0021	mg/kg	U	6	6		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	124-48-1	Dibromochloromethane	0.0021	mg/kg	U	3.7	3.7		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	74-95-3	Dibromomethane	0.0021	mg/kg	U	2.304	2.3		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	75-71-8	Dichlorodifluoromethane	0.0021	mg/kg	U	8.4	8.4		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	100-41-4	Ethylbenzene	0.0021	mg/kg	U	0.27	5.6		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	87-68-3	Hexachlorobutadiene	0.0053	mg/kg	U	0.009	1.2		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	98-82-8	Isopropylbenzene	0.0021	mg/kg	U	0.04	182		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	179601-23-1	m,p-Xylene	0.0021	mg/kg	U	1.4	53		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	78-93-3	MEK (2-Butanone)	0.011	mg/kg	U	350	2592		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	75-09-2	Methylene chloride	0.011	mg/kg	U	2.6	34		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	0.011	mg/kg	U	9.7	3168		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	91-20-3	Naphthalene	0.0053	mg/kg	U	1.9	1.9		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	104-51-8	n-Butylbenzene	0.0021	mg/kg	U	374	374		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	103-65-1	n-Propylbenzene	0.0021	mg/kg	U	365	365		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	95-47-6	o-Xylene	0.0021	mg/kg	U	1.4	61		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	99-87-6	p-Cymene	0.0021	mg/kg	U	0.18	182		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	135-98-8	sec-Butylbenzene	0.0053	mg/kg	U	749	749		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	100-42-5	Styrene	0.0021	mg/kg	U	1.2	576		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	98-06-6	tert-Butylbenzene	0.0021	mg/kg	U	749	749		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	127-18-4	Tetrachloroethene	0.0021	mg/kg	U	0.18	7.8		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	108-88-3	Toluene	0.0021	mg/kg	U	23	470		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	156-60-5	trans-1,2-Dichloroethene	0.0021	mg/kg	U	6.7	6.7		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	79-01-6	Trichloroethene	0.0021	mg/kg	U	0.39	0.39		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	75-69-4	Trichlorofluoromethane	0.0021	mg/kg	U	52	2208		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	108-05-4	Vinyl acetate	0.011	mg/kg	U	87	87		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8260	75-01-4	Vinyl chloride	0.0021	mg/kg	U	0.057	0.057		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	95-95-4	2,4,5-Trichlorophenol	0.88	mg/kg	U	4	605		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	88-06-2	2,4,6-Trichlorophenol	0.18	mg/kg	U	6	6		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	120-83-2	2,4-Dichlorophenol	0.18	mg/kg	U	0.05	18		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	105-67-9	2,4-Dimethylphenol	0.18	mg/kg	U	0.04	125		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	51-28-5	2,4-Dinitrophenol	0.88	mg/kg	U	0.061	12		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	121-14-2	2,4-Dinitrotoluene	0.18	mg/kg	U	1.6	1.6		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	606-20-2	2,6-Dinitrotoluene	0.18	mg/kg	U	0.3456	0.35		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	91-58-7	2-Chloronaphthalene	0.18	mg/kg	U	461	461		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	95-57-8	2-Chlorophenol	0.18	mg/kg	U	0.39	37		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	91-57-6	2-Methylnaphthalene	0.18	mg/kg	U	23	23		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	95-48-7	2-Methylphenol	0.18	mg/kg	U	0.67	307		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	88-74-4	2-Nitroaniline	0.88	mg/kg	U	5.3	60		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	88-75-5	2-Nitrophenol	0.18	mg/kg	U	5.1	1824		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	91-94-1	3,3'-Dichlorobenzidine	0.35	mg/kg	U	0.03	1.2		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	99-09-2	3-Nitroaniline	0.88	mg/kg	U	0.02	60		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.88	mg/kg	U	0.49	0.49		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.18	mg/kg	U				
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	59-50-7	4-Chloro-3-methylphenol	0.18	mg/kg	U	605	605		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	106-47-8	4-Chloroaniline	0.18	mg/kg	U	1	2.6		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.18	mg/kg	U				
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	106-44-5	4-Methylphenol	0.18	mg/kg	U	0.08	125		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	100-01-6	4-Nitroaniline	0.88	mg/kg	U	0.02	24		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	100-02-7	4-Nitrophenol	0.88	mg/kg	U	5.1	1824		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	83-32-9	Acenaphthene	0.18	mg/kg	U	29	346		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	208-96-8	Acenaphthylene	0.18	mg/kg	U	1.9	1.9		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	62-53-3	Aniline	0.18	mg/kg	U	42	42		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	120-12-7	Anthracene	0.18	mg/kg	U	29	1728		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	92-87-5	Benzidine	1.8	mg/kg	U	0.00051	0.00051		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	56-55-3	Benzo(a)anthracene	0.06	mg/kg	J	1.1	1.1		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	50-32-8	Benzo(a)pyrene	0.07	mg/kg	J	0.11	0.11		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	205-99-2	Benzo(b)fluoranthene	0.058	mg/kg	J	1.1	1.1		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	191-24-2	Benzo(g,h,i)perylene	0.051	mg/kg	J	1.1	173		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	207-08-9	Benzo(k)fluoranthene	0.064	mg/kg	J	1.1	11		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	65-85-0	Benzoic acid	0.88	mg/kg	U	1	24000		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	100-51-6	Benzyl alcohol	0.18	mg/kg	U	120	605		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.18	mg/kg	U	18	18		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.18	mg/kg	U	0.22	0.22		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	0.77	mg/kg		0.02	37		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.18	mg/kg	U	298	298		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	85-68-7	Butyl benzylphthalate	0.18	mg/kg	U	90	278		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	86-74-8	Carbazole	0.18	mg/kg	U	7.5	7.5		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	218-01-9	Chrysene	0.079	mg/kg	J	1.1	106		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	53-70-3	Dibenzo(a,h)anthracene	0.024	mg/kg	J	0.1056	0.11		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	132-64-9	Dibenzofuran	0.18	mg/kg	U	6.1	7.5		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	84-66-2	Diethyl phthalate	0.18	mg/kg	U	100	4896		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	131-11-3	Dimethyl phthalate	0.18	mg/kg	U	10	37		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	84-74-2	Di-n-butylphthalate	0.18	mg/kg	U	0.011	605		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	117-84-0	Di-n-octylphthalate	0.18	mg/kg	U	0.91	60		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	206-44-0	Fluoranthene	0.088	mg/kg	J	1.1	230		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	86-73-7	Fluorene	0.18	mg/kg	U	29	230		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	118-74-1	Hexachlorobenzene	0.18	mg/kg	U	0.075	0.075		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	77-47-4	Hexachlorocyclopentadiene	0.18	mg/kg	U	0.001	0.17		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	67-72-1	Hexachloroethane	0.18	mg/kg	U	0.024	1.7		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	0.048	mg/kg	J	1.1	1.1		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	78-59-1	Isophorone	0.18	mg/kg	U	547	547		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	98-95-3	Nitrobenzene	0.18	mg/kg	U	2.2	4.9		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	62-75-9	N-Nitrosodimethylamine	0.18	mg/kg	U	0.0019	0.0019		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.18	mg/kg	U	0.075	0.075		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	86-30-6	N-Nitrosodiphenylamine	0.18	mg/kg	U	0.55	106		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	87-86-5	Pentachlorophenol	0.88	mg/kg	U	0.96	1		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	85-01-8	Phenanthrene	0.036	mg/kg	J	29	1728		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	108-95-2	Phenol	0.18	mg/kg	U	0.79	1824		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	8270	129-00-0	Pyrene	0.098	mg/kg	J	1.1	173		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.111319	mg/kg					
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.64	mg/kg		1.1			
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.936	mg/kg		29			
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	METALS	7440-36-0	Antimony	2.6	mg/kg	U	0.27	3		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	METALS	7440-38-2	Arsenic	3.1	mg/kg		0.43	0.43		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	METALS	7440-39-3	Barium	108	mg/kg		330	1440		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	METALS	7440-41-7	Beryllium	0.44	mg/kg		15	15		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	METALS	7440-43-9	Cadmium	0.26	mg/kg	U	0.36	0.68		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	METALS	7440-47-3	Chromium	16.3	mg/kg		0.29	0.29		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	METALS	7440-50-8	Copper	25.5	mg/kg		28	298		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	METALS	7439-89-6	Iron	22200	mg/kg		5280	5280		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	METALS	7439-92-1	Lead	19.3	mg/kg		11	192		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	METALS	7439-96-5	Manganese	327	mg/kg		173	173		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	METALS	7439-97-6	Mercury	0.11	mg/kg	U	0.013	1.1		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	METALS	7440-02-0	Nickel	14.9	mg/kg		38	134		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	METALS	7782-49-2	Selenium	0.52	mg/kg	U	0.52	37		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	METALS	7440-22-4	Silver	0.51	mg/kg	U	4.2	37		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	METALS	7440-28-0	Thallium	0.26	mg/kg	U	0.05	0.075		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	METALS	7440-66-6	Zinc	69.6	mg/kg		46	2208		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	NWTPH_HCID	TPH-G	Gasoline Range Organics	20	mg/kg		120	1200		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	NWTPH-Dx	TPH-D	Diesel Range Organics	23	mg/kg		260	1100		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	NWTPH-Dx	MOIL	Residual Range Organics	100	mg/kg		260	2800		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	PCBS	12674-11-2	Aroclor-1016	0.035	mg/kg	UJ	0.041	0.1		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	PCBS	11104-28-2	Aroclor-1221	0.035	mg/kg	UJ	0.041	0.19		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	PCBS	11141-16-5	Aroclor-1232	0.035	mg/kg	UJ	0.041	0.16		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	PCBS	53469-21-9	Aroclor-1242	0.035	mg/kg	UJ	0.041	0.22		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	PCBS	12672-29-6	Aroclor-1248	0.035	mg/kg	UJ	0.041	0.22		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	PCBS	11097-69-1	Aroclor-1254	0.035	mg/kg	UJ	0.029	0.029		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	PCBS	11096-82-5	Aroclor-1260	0.035	mg/kg	UJ	0.041	0.23		
BIL10SSI	723540	7834970.414	9/20/1999	0 - 0.5	SO	N	990920BIL10SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.105	mg/kg	U	0.0073	0.23		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	8082	12674-11-2	Aroclor-1016	0.012	mg/kg	U	0.041	0.1		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	8082	11104-28-2	Aroclor-1221	0.012	mg/kg	U	0.041	0.19		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	8082	11141-16-5	Aroclor-1232	0.012	mg/kg	U	0.041	0.16		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	8082	53469-21-9	Aroclor-1242	0.012	mg/kg	U	0.041	0.22		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	8082	12672-29-6	Aroclor-1248	0.012	mg/kg	U	0.041	0.22		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	8082	11097-69-1	Aroclor-1254	0.012	mg/kg	U	0.029	0.029		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	8082	11096-82-5	Aroclor-1260	0.0434	mg/kg		0.041	0.23		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	Krone	1002-53-5	Dibutyltin	0.0237	mg/kg	U	1.8	1.8		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	Krone	78763-54-9	Monobutyltin	0.0316	mg/kg	U	2.2	2.2		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	Krone	1461-25-2	Tetrabutyltin	0.0158	mg/kg	U	2.2	2.2		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	Krone	688-73-3	Tributyltin	0.0316	mg/kg	U	2.2	2.2		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7429-90-5	Aluminum	6980	mg/kg		50	7392		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7440-36-0	Antimony	11.6	mg/kg		0.27	3		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7440-38-2	Arsenic	9.56	mg/kg		0.43	0.43		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7440-39-3	Barium	192	mg/kg	J	330	1440		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7440-41-7	Beryllium	0.286	mg/kg	J	15	15		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7440-43-9	Cadmium	2.11	mg/kg		0.36	0.68		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7440-70-2	Calcium	4660	mg/kg					
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7440-47-3	Chromium	75.3	mg/kg		0.29	0.29		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7440-48-4	Cobalt	14.8	mg/kg		2.2	2.2		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7440-50-8	Copper	134	mg/kg	J	28	298		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7439-89-6	Iron	18100	mg/kg		5280	5280		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7439-92-1	Lead	922	mg/kg	J	11	192		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7439-95-4	Magnesium	3350	mg/kg					
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7439-96-5	Manganese	357	mg/kg	J	173	173		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7439-97-6	Mercury	0.29	mg/kg		0.013	1.1		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7440-02-0	Nickel	31.1	mg/kg	J	38	134		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7440-09-7	Potassium	1170	mg/kg					
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7782-49-2	Selenium	0.23	mg/kg	J	0.52	37		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7440-22-4	Silver	0.348	mg/kg	J	4.2	37		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7440-23-5	Sodium	237	mg/kg	U				
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7440-28-0	Thallium	0.222	mg/kg		0.05	0.075		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7440-62-2	Vanadium	43.4	mg/kg		7.8	37		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	METALS	7440-66-6	Zinc	226	mg/kg	J	46	2208		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	NWTPH-Dx	TPH-D	Diesel Range Organics	11700	mg/kg		260	1100		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	FD	011016BIL12SS	NWTPH-Dx	MOIL	Residual Range Organics	50600	mg/kg		260	2800		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	8082	12674-11-2	Aroclor-1016	0.00147	mg/kg	U	0.041	0.1		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	8082	11104-28-2	Aroclor-1221	0.00631	mg/kg	U	0.041	0.19		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	8082	11141-16-5	Aroclor-1232	0.00504	mg/kg	U	0.041	0.16		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	8082	53469-21-9	Aroclor-1242	0.00269	mg/kg	U	0.041	0.22		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	8082	12672-29-6	Aroclor-1248	0.0067	mg/kg	U	0.041	0.22		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	8082	11097-69-1	Aroclor-1254	0.0553	mg/kg		0.029	0.029		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	8082	11096-82-5	Aroclor-1260	0.0361	mg/kg		0.041	0.23		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	Krone	1002-53-5	Dibutyltin	0.00827	mg/kg	U	1.8	1.8		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	Krone	78763-54-9	Monobutyltin	0.0182	mg/kg	U	2.2	2.2		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	Krone	1461-25-2	Tetrabutyltin	0.00639	mg/kg	U	2.2	2.2		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	Krone	688-73-3	Tributyltin	0.0132	mg/kg	U	2.2	2.2		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7429-90-5	Aluminum	7800	mg/kg		50	7392		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7440-36-0	Antimony	2.55	mg/kg		0.27	3		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7440-38-2	Arsenic	4.69	mg/kg		0.43	0.43		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7440-39-3	Barium	116	mg/kg	J	330	1440		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7440-41-7	Beryllium	0.306	mg/kg	J	15	15		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7440-43-9	Cadmium	2.11	mg/kg		0.36	0.68		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7440-70-2	Calcium	5010	mg/kg					
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7440-47-3	Chromium	24.8	mg/kg		0.29	0.29		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7440-48-4	Cobalt	11.7	mg/kg		2.2	2.2		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7440-50-8	Copper	63.5	mg/kg	J	28	298		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7439-89-6	Iron	21100	mg/kg		5280	5280		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7439-92-1	Lead	245	mg/kg	J	11	192		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7439-95-4	Magnesium	4720	mg/kg					
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7439-96-5	Manganese	314	mg/kg	J	173	173		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7439-97-6	Mercury	0.252	mg/kg		0.013	1.1		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7440-02-0	Nickel	20.8	mg/kg	J	38	134		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7440-09-7	Potassium	1120	mg/kg					
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7782-49-2	Selenium	0.125	mg/kg	J	0.52	37		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7440-22-4	Silver	0.437	mg/kg	J	4.2	37		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7440-23-5	Sodium	201	mg/kg	U				
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7440-28-0	Thallium	0.195	mg/kg		0.05	0.075		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7440-62-2	Vanadium	52.9	mg/kg		7.8	37		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	METALS	7440-66-6	Zinc	186	mg/kg	J	46	2208		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	NWTPH-Dx	TPH-D	Diesel Range Organics	7770	mg/kg		260	1100		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	NWTPH-Dx	MOIL	Residual Range Organics	33200	mg/kg		260	2800		
BIL11	723609.704	7834934.322	10/16/2001	8 - 8	SO	N	011016BIL11SS	Tot_Aroclor_Calc	PCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.101	mg/kg		0.0073	0.23		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8081 Pest	72-54-8	4,4'-DDD	0.0037	mg/kg	U	0.021	2.2		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8081 Pest	72-55-9	4,4'-DDE	0.0037	mg/kg	U	0.021	1.8		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8081 Pest	50-29-3	4,4'-DDT	0.0037	mg/kg	U	0.021	1.8		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8081 Pest	309-00-2	Aldrin	0.0018	mg/kg	U	0.000085	0.031		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8081 Pest	319-84-6	alpha-BHC	0.0018	mg/kg	U	0.0096	0.083		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8081 Pest	5103-71-9	alpha-Chlordane	0.0018	mg/kg	U	0.27	1.7		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8081 Pest	319-85-7	beta-BHC	0.0026	mg/kg		0.0096	0.086		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8081 Pest	319-86-8	delta-BHC	0.0018	mg/kg	U	0.0096	0.083		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8081 Pest	60-57-1	Dieldrin	0.0037	mg/kg	U	0.0049	0.033		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8081 Pest	959-98-8	Endosulfan I	0.0018	mg/kg	U	0.64	45		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8081 Pest	33213-65-9	Endosulfan II	0.0037	mg/kg	U	0.64	45		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.0037	mg/kg	U	0.64	36		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8081 Pest	72-20-8	Endrin	0.0037	mg/kg	U	0.0014	1.8		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8081 Pest	7421-93-4	Endrin aldehyde	0.0037	mg/kg	U	0.0014	1.8		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8081 Pest	53494-70-5	Endrin ketone	0.0037	mg/kg	U	0.0014	1.8		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.0018	mg/kg	U	0.0096	0.49		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8081 Pest	5103-74-2	gamma-Chlordane	0.0018	mg/kg	U	0.27	1.7		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8081 Pest	76-44-8	Heptachlor	0.0018	mg/kg	U	0.0016	0.11		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.0018	mg/kg	U	0.00015	0.055		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8081 Pest	72-43-5	Methoxychlor	0.018	mg/kg	U	5.1	31		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8081 Pest	8001-35-2	Toxaphene	0.037	mg/kg	U	0.47	0.47		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8151	93-76-5	2,4,5-T	0.0033	mg/kg	U	60	60		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8151	93-72-1	2,4,5-TP (Silvex)	0.0096	mg/kg	U	0.055	49		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8151	94-75-7	2,4-D	0.03	mg/kg	U	67	67		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8151	94-82-6	2,4-DB	0.011	mg/kg	U				
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.34	mg/kg	U				
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8151	75-99-0	Dalapon	0.044	mg/kg	U	182	182		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8151	1918-00-9	Dicamba	0.0022	mg/kg	U	182	182		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8151	88-85-7	Dinoseb	0.011	mg/kg	U	0.015	6		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8151	94-74-6	MCPA	1.1	mg/kg	U	3.1	3.1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8151	93-65-2	MCPP	28	mg/kg	U	6	6		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.0022	mg/kg	U	0.07	1.9		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	71-55-6	1,1,1-Trichloroethane	0.0022	mg/kg	U	260	778		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.0022	mg/kg	U	0.13	0.58		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	79-00-5	1,1,2-Trichloroethane	0.0022	mg/kg	U	0.14	0.14		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	75-34-3	1,1-Dichloroethane	0.0022	mg/kg	U	3.5	3.5		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	75-35-4	1,1-Dichloroethene	0.0022	mg/kg	U	11	22		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	563-58-6	1,1-Dichloropropene	0.0022	mg/kg	U	0.001	1.7		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.0056	mg/kg	U	6	6		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	96-18-4	1,2,3-Trichloropropane	0.0022	mg/kg	U	0.0049	0.0049		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	120-82-1	1,2,4-Trichlorobenzene	0.0056	mg/kg	U	0.27	5.6		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.0022	mg/kg	U	0.09	29		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.0056	mg/kg	U	0.0051	0.0051		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.0022	mg/kg	U	0.035	0.035		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	95-50-1	1,2-Dichlorobenzene	0.0022	mg/kg	U	0.92	173		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	107-06-2	1,2-Dichloroethane	0.0022	mg/kg	U	0.44	0.44		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	78-87-5	1,2-Dichloropropane	0.0022	mg/kg	U	0.28	1.5		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.0022	mg/kg	U	0.16	26		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	541-73-1	1,3-Dichlorobenzene	0.0022	mg/kg	U	0.74	2.5		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	142-28-9	1,3-Dichloropropane	0.0022	mg/kg	U	0.28	154		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	106-46-7	1,4-Dichlorobenzene	0.0022	mg/kg	U	0.89	2.5		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	594-20-7	2,2-Dichloropropane	0.0022	mg/kg	U	0.28	1.5		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	95-49-8	2-Chlorotoluene	0.0022	mg/kg	U	154	154		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	591-78-6	2-Hexanone	0.011	mg/kg	U	0.36	19		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	106-43-4	4-Chlorotoluene	0.0022	mg/kg	U	154	154		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	67-64-1	Acetone	0.011	mg/kg	U	1.2	6720		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	71-43-2	Benzene	0.0022	mg/kg	U	1.2	1.2		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	108-86-1	Bromobenzene	0.0022	mg/kg	U	28	28		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	74-97-5	Bromochloromethane	0.0022	mg/kg	U	3.4	3.4		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	75-27-4	Bromodichloromethane	0.0022	mg/kg	U	0.28	0.28		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	75-25-2	Bromoform	0.0022	mg/kg	U	0.07	18		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	74-83-9	Bromomethane	0.0056	mg/kg	U	0.002	0.65		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	75-15-0	Carbon disulfide	0.011	mg/kg	U	0.81	74		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	56-23-5	Carbon tetrachloride	0.0022	mg/kg	U	0.62	0.62		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	108-90-7	Chlorobenzene	0.0022	mg/kg	U	2.4	27		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	75-00-3	Chloroethane	0.0022	mg/kg	U	518	518		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	67-66-3	Chloroform	0.0022	mg/kg	U	0.31	0.31		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	74-87-3	Chloromethane	0.0056	mg/kg	U	11	11		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	156-59-2	cis-1,2-Dichloroethene	0.0022	mg/kg	U	6	6		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.0022	mg/kg	U	0.001	1.7		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	124-48-1	Dibromochloromethane	0.0022	mg/kg	U	3.7	3.7		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	74-95-3	Dibromomethane	0.0022	mg/kg	U	2.304	2.3		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	75-71-8	Dichlorodifluoromethane	0.0022	mg/kg	U	8.4	8.4		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	100-41-4	Ethylbenzene	0.0022	mg/kg	U	0.27	5.6		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	87-68-3	Hexachlorobutadiene	0.0056	mg/kg	U	0.009	1.2		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	98-82-8	Isopropylbenzene	0.0022	mg/kg	U	0.04	182		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	179601-23-1	m,p-Xylene	0.0022	mg/kg	U	1.4	53		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	78-93-3	MEK (2-Butanone)	0.011	mg/kg	U	350	2592		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	75-09-2	Methylene chloride	0.011	mg/kg	U	2.6	34		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	0.011	mg/kg	U	9.7	3168		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	91-20-3	Naphthalene	0.0056	mg/kg	U	1.9	1.9		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	104-51-8	n-Butylbenzene	0.0022	mg/kg	U	374	374		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	103-65-1	n-Propylbenzene	0.0022	mg/kg	U	365	365		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	95-47-6	o-Xylene	0.0022	mg/kg	U	1.4	61		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	99-87-6	p-Cymene	0.0022	mg/kg	U	0.18	182		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	135-98-8	sec-Butylbenzene	0.0056	mg/kg	U	749	749		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	100-42-5	Styrene	0.0022	mg/kg	U	1.2	576		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	98-06-6	tert-Butylbenzene	0.0022	mg/kg	U	749	749		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	127-18-4	Tetrachloroethene	0.0022	mg/kg	U	0.18	7.8		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	108-88-3	Toluene	0.0022	mg/kg	U	23	470		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	156-60-5	trans-1,2-Dichloroethene	0.0022	mg/kg	U	6.7	6.7		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.0022	mg/kg	U	0.001	1.7		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	79-01-6	Trichloroethene	0.0022	mg/kg	U	0.39	0.39		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	75-69-4	Trichlorofluoromethane	0.0022	mg/kg	U	52	2208		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	108-05-4	Vinyl acetate	0.011	mg/kg	U	87	87		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8260	75-01-4	Vinyl chloride	0.0022	mg/kg	U	0.057	0.057		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	95-95-4	2,4,5-Trichlorophenol	0.93	mg/kg	U	4	605		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	88-06-2	2,4,6-Trichlorophenol	0.19	mg/kg	U	6	6		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	120-83-2	2,4-Dichlorophenol	0.19	mg/kg	U	0.05	18		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	105-67-9	2,4-Dimethylphenol	0.19	mg/kg	U	0.04	125		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	51-28-5	2,4-Dinitrophenol	0.93	mg/kg	U	0.061	12		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	121-14-2	2,4-Dinitrotoluene	0.19	mg/kg	U	1.6	1.6		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	606-20-2	2,6-Dinitrotoluene	0.19	mg/kg	U	0.3456	0.35		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	91-58-7	2-Chloronaphthalene	0.19	mg/kg	U	461	461		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	95-57-8	2-Chlorophenol	0.19	mg/kg	U	0.39	37		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	91-57-6	2-Methylnaphthalene	0.19	mg/kg	U	23	23		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	95-48-7	2-Methylphenol	0.19	mg/kg	U	0.67	307		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	88-74-4	2-Nitroaniline	0.93	mg/kg	U	5.3	60		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	88-75-5	2-Nitrophenol	0.19	mg/kg	U	5.1	1824		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	91-94-1	3,3'-Dichlorobenzidine	0.37	mg/kg	U	0.03	1.2		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	99-09-2	3-Nitroaniline	0.93	mg/kg	U	0.02	60		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.93	mg/kg	U	0.49	0.49		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.19	mg/kg	U				
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	59-50-7	4-Chloro-3-methylphenol	0.19	mg/kg	U	605	605		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	106-47-8	4-Chloroaniline	0.19	mg/kg	U	1	2.6		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.19	mg/kg	U				
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	106-44-5	4-Methylphenol	0.19	mg/kg	U	0.08	125		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	100-01-6	4-Nitroaniline	0.93	mg/kg	U	0.02	24		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	100-02-7	4-Nitrophenol	0.93	mg/kg	U	5.1	1824		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	83-32-9	Acenaphthene	0.14	mg/kg	J	29	346		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	208-96-8	Acenaphthylene	0.19	mg/kg	U	1.9	1.9		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	62-53-3	Aniline	0.19	mg/kg	U	42	42		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	120-12-7	Anthracene	0.1	mg/kg	J	29	1728		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	92-87-5	Benzidine	1.8	mg/kg	U	0.00051	0.00051		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	56-55-3	Benzo(a)anthracene	0.4	mg/kg		1.1	1.1		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	50-32-8	Benzo(a)pyrene	0.42	mg/kg		0.11	0.11		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	205-99-2	Benzo(b)fluoranthene	0.066	mg/kg	J	1.1	1.1		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	191-24-2	Benzo(g,h,i)perylene	0.29	mg/kg		1.1	173		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	207-08-9	Benzo(k)fluoranthene	0.066	mg/kg	J	1.1	11		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	65-85-0	Benzoic acid	0.93	mg/kg	U	1	24000		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	100-51-6	Benzyl alcohol	0.19	mg/kg	U	120	605		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.19	mg/kg	U	18	18		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.19	mg/kg	U	0.22	0.22		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	0.76	mg/kg		0.02	37		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.19	mg/kg	U	298	298		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	85-68-7	Butyl benzylphthalate	0.022	mg/kg	J	90	278		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	86-74-8	Carbazole	0.027	mg/kg	J	7.5	7.5		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	218-01-9	Chrysene	0.42	mg/kg		1.1	106		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	53-70-3	Dibenzo(a,h)anthracene	0.15	mg/kg	J	0.1056	0.11		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	132-64-9	Dibenzofuran	0.02	mg/kg	J	6.1	7.5		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	84-66-2	Diethyl phthalate	0.19	mg/kg	U	100	4896		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	131-11-3	Dimethyl phthalate	0.19	mg/kg	U	10	37		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	84-74-2	Di-n-butylphthalate	0.19	mg/kg	U	0.011	605		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	117-84-0	Di-n-octylphthalate	0.19	mg/kg	U	0.91	60		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	206-44-0	Fluoranthene	0.7	mg/kg		1.1	230		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	86-73-7	Fluorene	0.067	mg/kg	J	29	230		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	118-74-1	Hexachlorobenzene	0.19	mg/kg	U	0.075	0.075		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	77-47-4	Hexachlorocyclopentadiene	0.19	mg/kg	U	0.001	0.17		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	67-72-1	Hexachloroethane	0.19	mg/kg	U	0.024	1.7		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	0.3	mg/kg		1.1	1.1		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	78-59-1	Isophorone	0.19	mg/kg	U	547	547		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	98-95-3	Nitrobenzene	0.19	mg/kg	U	2.2	4.9		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	62-75-9	N-Nitrosodimethylamine	0.19	mg/kg	U	0.0019	0.0019		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.19	mg/kg	U	0.075	0.075		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	86-30-6	N-Nitrosodiphenylamine	0.19	mg/kg	U	0.55	106		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	87-86-5	Pentachlorophenol	0.072	mg/kg	J	0.96	1		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	85-01-8	Phenanthrene	0.37	mg/kg		29	1728		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	108-95-2	Phenol	0.19	mg/kg	U	0.79	1824		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	8270	129-00-0	Pyrene	0.64	mg/kg		1.1	173		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.64768	mg/kg					
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	3.452	mg/kg		1.1			
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.881	mg/kg		29			
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	METALS	7440-36-0	Antimony	2.9	mg/kg	U	0.27	3		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	METALS	7440-38-2	Arsenic	11.3	mg/kg		0.43	0.43		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	METALS	7440-39-3	Barium	108	mg/kg		330	1440		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	METALS	7440-41-7	Beryllium	0.54	mg/kg		15	15		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	METALS	7440-43-9	Cadmium	0.29	mg/kg	U	0.36	0.68		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	METALS	7440-47-3	Chromium	50	mg/kg		0.29	0.29		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	METALS	7440-50-8	Copper	131	mg/kg		28	298		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	METALS	7439-89-6	Iron	31400	mg/kg		5280	5280		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	METALS	7439-92-1	Lead	36.5	mg/kg		11	192		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	METALS	7439-96-5	Manganese	720	mg/kg		173	173		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	METALS	7439-97-6	Mercury	0.11	mg/kg	U	0.013	1.1		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	METALS	7440-02-0	Nickel	42.4	mg/kg		38	134		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	METALS	7782-49-2	Selenium	1.5	mg/kg	U	0.52	37		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	METALS	7440-22-4	Silver	0.57	mg/kg	U	4.2	37		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	METALS	7440-28-0	Thallium	0.29	mg/kg	U	0.05	0.075		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	METALS	7440-66-6	Zinc	163	mg/kg		46	2208		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	NWTPH_HCID	TPH-G	Gasoline Range Organics	20	mg/kg	U	120	1200		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	NWTPH-Dx	TPH-D	Diesel Range Organics	31	mg/kg		260	1100		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	NWTPH-Dx	MOIL	Residual Range Organics	150	mg/kg		260	2800		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	PCBS	12674-11-2	Aroclor-1016	0.037	mg/kg	UJ	0.041	0.1		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	PCBS	11104-28-2	Aroclor-1221	0.037	mg/kg	UJ	0.041	0.19		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	PCBS	11141-16-5	Aroclor-1232	0.037	mg/kg	UJ	0.041	0.16		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	PCBS	53469-21-9	Aroclor-1242	0.037	mg/kg	UJ	0.041	0.22		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	PCBS	12672-29-6	Aroclor-1248	0.037	mg/kg	UJ	0.041	0.22		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	PCBS	11097-69-1	Aroclor-1254	0.037	mg/kg	UJ	0.029	0.029		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	PCBS	11096-82-5	Aroclor-1260	0.037	mg/kg	UJ	0.041	0.23		
BIL11SSI	723598.714	7834811.227	9/21/1999	0 - 0.5	SO	N	990921BIL11SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.111	mg/kg	U	0.0073	0.23		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8081 Pest	72-54-8	4,4'-DDD	0.025	mg/kg	U	0.021	2.2		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8081 Pest	72-55-9	4,4'-DDE	0.0035	mg/kg	U	0.021	1.8		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8081 Pest	50-29-3	4,4'-DDT	0.0035	mg/kg	U	0.021	1.8		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8081 Pest	309-00-2	Aldrin	0.0018	mg/kg	U	0.000085	0.031		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8081 Pest	319-84-6	alpha-BHC	0.0018	mg/kg	U	0.0096	0.083		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8081 Pest	5103-71-9	alpha-Chlordane	0.008	mg/kg	U	0.27	1.7		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8081 Pest	319-85-7	beta-BHC	0.0018	mg/kg	U	0.0096	0.086		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8081 Pest	319-86-8	delta-BHC	0.0018	mg/kg	U	0.0096	0.083		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8081 Pest	60-57-1	Dieldrin	0.0035	mg/kg	U	0.0049	0.033		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8081 Pest	959-98-8	Endosulfan I	0.0018	mg/kg	U	0.64	45		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8081 Pest	33213-65-9	Endosulfan II	0.0035	mg/kg	U	0.64	45		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.0035	mg/kg	U	0.64	36		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8081 Pest	72-20-8	Endrin	0.0035	mg/kg	U	0.0014	1.8		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8081 Pest	7421-93-4	Endrin aldehyde	0.0035	mg/kg	U	0.0014	1.8		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8081 Pest	53494-70-5	Endrin ketone	0.0035	mg/kg	U	0.0014	1.8		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.0018	mg/kg	U	0.0096	0.49		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8081 Pest	5103-74-2	gamma-Chlordane	0.0027	mg/kg	U	0.27	1.7		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8081 Pest	76-44-8	Heptachlor	0.0018	mg/kg	U	0.0016	0.11		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.0018	mg/kg	U	0.00015	0.055		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8081 Pest	72-43-5	Methoxychlor	0.018	mg/kg	U	5.1	31		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8081 Pest	8001-35-2	Toxaphene	0.035	mg/kg	U	0.47	0.47		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8151	93-76-5	2,4,5-T	0.011	mg/kg	U	60	60		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8151	93-72-1	2,4,5-TP (Silvex)	0.013	mg/kg	U	0.055	49		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8151	94-75-7	2,4-D	0.03	mg/kg	U	67	67		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8151	94-82-6	2,4-DB	0.01	mg/kg	U				
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.31	mg/kg	U				
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8151	75-99-0	Dalapon	0.042	mg/kg	U	182	182		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8151	1918-00-9	Dicamba	0.0021	mg/kg	U	182	182		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8151	88-85-7	Dinoseb	0.01	mg/kg	U	0.015	6		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8151	94-74-6	MCPA	2.5	mg/kg	U	3.1	3.1		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8151	93-65-2	MCPP	32	mg/kg	U	6	6		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.0021	mg/kg	U	0.07	1.9		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	71-55-6	1,1,1-Trichloroethane	0.0021	mg/kg	U	260	778		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.0021	mg/kg	U	0.13	0.58		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	79-00-5	1,1,2-Trichloroethane	0.0021	mg/kg	U	0.14	0.14		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	75-34-3	1,1-Dichloroethane	0.0021	mg/kg	U	3.5	3.5		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	75-35-4	1,1-Dichloroethene	0.0021	mg/kg	U	11	22		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	563-58-6	1,1-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.0053	mg/kg	U	6	6		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	96-18-4	1,2,3-Trichloropropane	0.0021	mg/kg	U	0.0049	0.0049		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	120-82-1	1,2,4-Trichlorobenzene	0.0053	mg/kg	U	0.27	5.6		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.0021	mg/kg	U	0.09	29		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.0053	mg/kg	U	0.0051	0.0051		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.0021	mg/kg	U	0.035	0.035		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	95-50-1	1,2-Dichlorobenzene	0.0021	mg/kg	U	0.92	173		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	107-06-2	1,2-Dichloroethane	0.0021	mg/kg	U	0.44	0.44		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	78-87-5	1,2-Dichloropropane	0.0021	mg/kg	U	0.28	1.5		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.0021	mg/kg	U	0.16	26		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	541-73-1	1,3-Dichlorobenzene	0.0021	mg/kg	U	0.74	2.5		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	142-28-9	1,3-Dichloropropane	0.0021	mg/kg	U	0.28	154		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	106-46-7	1,4-Dichlorobenzene	0.0021	mg/kg	U	0.89	2.5		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	594-20-7	2,2-Dichloropropane	0.0021	mg/kg	U	0.28	1.5		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	95-49-8	2-Chlorotoluene	0.0021	mg/kg	U	154	154		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	591-78-6	2-Hexanone	0.01	mg/kg	U	0.36	19		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	106-43-4	4-Chlorotoluene	0.0021	mg/kg	U	154	154		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	67-64-1	Acetone	0.01	mg/kg	U	1.2	6720		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	71-43-2	Benzene	0.0021	mg/kg	U	1.2	1.2		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	108-86-1	Bromobenzene	0.0021	mg/kg	U	28	28		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	74-97-5	Bromochloromethane	0.0021	mg/kg	U	3.4	3.4		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	75-27-4	Bromodichloromethane	0.0021	mg/kg	U	0.28	0.28		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	75-25-2	Bromoform	0.0021	mg/kg	U	0.07	18		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	74-83-9	Bromomethane	0.0053	mg/kg	U	0.002	0.65		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	75-15-0	Carbon disulfide	0.01	mg/kg	U	0.81	74		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	56-23-5	Carbon tetrachloride	0.0021	mg/kg	U	0.62	0.62		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	108-90-7	Chlorobenzene	0.0021	mg/kg	U	2.4	27		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	75-00-3	Chloroethane	0.0021	mg/kg	U	518	518		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	67-66-3	Chloroform	0.0021	mg/kg	U	0.31	0.31		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	74-87-3	Chloromethane	0.0053	mg/kg	U	11	11		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	156-59-2	cis-1,2-Dichloroethene	0.0021	mg/kg	U	6	6		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	124-48-1	Dibromochloromethane	0.0021	mg/kg	U	3.7	3.7		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	74-95-3	Dibromomethane	0.0021	mg/kg	U	2.304	2.3		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	75-71-8	Dichlorodifluoromethane	0.0021	mg/kg	U	8.4	8.4		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	100-41-4	Ethylbenzene	0.0021	mg/kg	U	0.27	5.6		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	87-68-3	Hexachlorobutadiene	0.0053	mg/kg	U	0.009	1.2		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	98-82-8	Isopropylbenzene	0.0021	mg/kg	U	0.04	182		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	179601-23-1	m,p-Xylene	0.0021	mg/kg	U	1.4	53		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	78-93-3	MEK (2-Butanone)	0.01	mg/kg	U	350	2592		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	75-09-2	Methylene chloride	0.01	mg/kg	U	2.6	34		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	0.01	mg/kg	U	9.7	3168		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	91-20-3	Naphthalene	0.0053	mg/kg	U	1.9	1.9		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	104-51-8	n-Butylbenzene	0.0021	mg/kg	U	374	374		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	103-65-1	n-Propylbenzene	0.0021	mg/kg	U	365	365		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	95-47-6	o-Xylene	0.0021	mg/kg	U	1.4	61		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	99-87-6	p-Cymene	0.0021	mg/kg	U	0.18	182		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	135-98-8	sec-Butylbenzene	0.0053	mg/kg	U	749	749		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	100-42-5	Styrene	0.0021	mg/kg	U	1.2	576		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	98-06-6	tert-Butylbenzene	0.0021	mg/kg	U	749	749		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	127-18-4	Tetrachloroethene	0.0021	mg/kg	U	0.18	7.8		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	108-88-3	Toluene	0.0021	mg/kg	U	23	470		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	156-60-5	trans-1,2-Dichloroethene	0.0021	mg/kg	U	6.7	6.7		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.0021	mg/kg	U	0.001	1.7		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	79-01-6	Trichloroethene	0.0021	mg/kg	U	0.39	0.39		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	75-69-4	Trichlorofluoromethane	0.0021	mg/kg	U	52	2208		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	108-05-4	Vinyl acetate	0.01	mg/kg	U	87	87		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8260	75-01-4	Vinyl chloride	0.0021	mg/kg	U	0.057	0.057		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	95-95-4	2,4,5-Trichlorophenol	0.88	mg/kg	U	4	605		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	88-06-2	2,4,6-Trichlorophenol	0.18	mg/kg	U	6	6		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	120-83-2	2,4-Dichlorophenol	0.18	mg/kg	U	0.05	18		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	105-67-9	2,4-Dimethylphenol	0.18	mg/kg	U	0.04	125		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	51-28-5	2,4-Dinitrophenol	0.88	mg/kg	U	0.061	12		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	121-14-2	2,4-Dinitrotoluene	0.18	mg/kg	U	1.6	1.6		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	606-20-2	2,6-Dinitrotoluene	0.18	mg/kg	U	0.3456	0.35		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	91-58-7	2-Chloronaphthalene	0.18	mg/kg	U	461	461		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	95-57-8	2-Chlorophenol	0.18	mg/kg	U	0.39	37		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	91-57-6	2-Methylnaphthalene	0.18	mg/kg	U	23	23		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	95-48-7	2-Methylphenol	0.18	mg/kg	U	0.67	307		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	88-74-4	2-Nitroaniline	0.88	mg/kg	U	5.3	60		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	88-75-5	2-Nitrophenol	0.18	mg/kg	U	5.1	1824		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	91-94-1	3,3'-Dichlorobenzidine	0.35	mg/kg	U	0.03	1.2		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	99-09-2	3-Nitroaniline	0.88	mg/kg	U	0.02	60		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.88	mg/kg	U	0.49	0.49		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.18	mg/kg	U				
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	59-50-7	4-Chloro-3-methylphenol	0.18	mg/kg	U	605	605		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	106-47-8	4-Chloroaniline	0.18	mg/kg	U	1	2.6		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.18	mg/kg	U				
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	106-44-5	4-Methylphenol	0.18	mg/kg	U	0.08	125		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	100-01-6	4-Nitroaniline	0.88	mg/kg	U	0.02	24		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	100-02-7	4-Nitrophenol	0.88	mg/kg	U	5.1	1824		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	83-32-9	Acenaphthene	0.18	mg/kg	U	29	346		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	208-96-8	Acenaphthylene	0.18	mg/kg	U	1.9	1.9		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	62-53-3	Aniline	0.18	mg/kg	U	42	42		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	120-12-7	Anthracene	0.18	mg/kg	U	29	1728		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	92-87-5	Benzidine	1.8	mg/kg	U	0.00051	0.00051		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	56-55-3	Benzo(a)anthracene	0.029	mg/kg	J	1.1	1.1		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	50-32-8	Benzo(a)pyrene	0.028	mg/kg	J	0.11	0.11		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	205-99-2	Benzo(b)fluoranthene	0.034	mg/kg	J	1.1	1.1		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	191-24-2	Benzo(g,h,i)perylene	0.02	mg/kg	J	1.1	173		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	207-08-9	Benzo(k)fluoranthene	0.04	mg/kg	J	1.1	11		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	65-85-0	Benzoic acid	0.88	mg/kg	U	1	24000		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	100-51-6	Benzyl alcohol	0.18	mg/kg	U	120	605		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.18	mg/kg	U	18	18		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.18	mg/kg	U	0.22	0.22		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	1.9	mg/kg		0.02	37		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.18	mg/kg	U	298	298		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	85-68-7	Butyl benzylphthalate	0.18	mg/kg	U	90	278		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	86-74-8	Carbazole	0.18	mg/kg	U	7.5	7.5		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	218-01-9	Chrysene	0.062	mg/kg	J	1.1	106		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	53-70-3	Dibenzo(a,h)anthracene	0.018	mg/kg	J	0.1056	0.11		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	132-64-9	Dibenzofuran	0.18	mg/kg	U	6.1	7.5		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	84-66-2	Diethyl phthalate	0.18	mg/kg	U	100	4896		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	131-11-3	Dimethyl phthalate	0.18	mg/kg	U	10	37		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	84-74-2	Di-n-butylphthalate	0.18	mg/kg	U	0.011	605		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	117-84-0	Di-n-octylphthalate	0.18	mg/kg	U	0.91	60		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	206-44-0	Fluoranthene	0.042	mg/kg	J	1.1	230		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	86-73-7	Fluorene	0.18	mg/kg	U	29	230		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	118-74-1	Hexachlorobenzene	0.18	mg/kg	U	0.075	0.075		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	77-47-4	Hexachlorocyclopentadiene	0.18	mg/kg	U	0.001	0.17		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	67-72-1	Hexachloroethane	0.18	mg/kg	U	0.024	1.7		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	0.018	mg/kg	J	1.1	1.1		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	78-59-1	Isophorone	0.18	mg/kg	U	547	547		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	98-95-3	Nitrobenzene	0.18	mg/kg	U	2.2	4.9		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	62-75-9	N-Nitrosodimethylamine	0.18	mg/kg	U	0.0019	0.0019		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.18	mg/kg	U	0.075	0.075		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	86-30-6	N-Nitrosodiphenylamine	0.18	mg/kg	U	0.55	106		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	87-86-5	Pentachlorophenol	0.88	mg/kg	U	0.96	1		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	85-01-8	Phenanthrene	0.013	mg/kg	J	29	1728		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	108-95-2	Phenol	0.18	mg/kg	U	0.79	1824		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	8270	129-00-0	Pyrene	0.043	mg/kg	J	1.1	173		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.054562	mg/kg					
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.334	mg/kg		1.1			
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.913	mg/kg		29			
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	METALS	7440-36-0	Antimony	2.7	mg/kg	U	0.27	3		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	METALS	7440-38-2	Arsenic	2.8	mg/kg		0.43	0.43		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	METALS	7440-39-3	Barium	115	mg/kg		330	1440		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	METALS	7440-41-7	Beryllium	0.37	mg/kg		15	15		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	METALS	7440-43-9	Cadmium	0.27	mg/kg	U	0.36	0.68		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	METALS	7440-47-3	Chromium	17.3	mg/kg		0.29	0.29		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	METALS	7440-50-8	Copper	23.5	mg/kg		28	298		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	METALS	7439-89-6	Iron	19700	mg/kg		5280	5280		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	METALS	7439-92-1	Lead	22.8	mg/kg		11	192		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	METALS	7439-96-5	Manganese	300	mg/kg		173	173		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	METALS	7439-97-6	Mercury	0.1	mg/kg	U	0.013	1.1		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	METALS	7440-02-0	Nickel	13.6	mg/kg		38	134		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	METALS	7782-49-2	Selenium	0.51	mg/kg	U	0.52	37		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	METALS	7440-22-4	Silver	0.54	mg/kg	U	4.2	37		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	METALS	7440-28-0	Thallium	0.25	mg/kg	U	0.05	0.075		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	METALS	7440-66-6	Zinc	69	mg/kg		46	2208		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	NWTPH_HCID	TPH-G	Gasoline Range Organics	20	mg/kg	U	120	1200		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	NWTPH-Dx	TPH-D	Diesel Range Organics	17	mg/kg		260	1100		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	NWTPH-Dx	MOIL	Residual Range Organics	100	mg/kg		260	2800		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	PCBS	12674-11-2	Aroclor-1016	0.035	mg/kg	UJ	0.041	0.1		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	PCBS	11104-28-2	Aroclor-1221	0.035	mg/kg	UJ	0.041	0.19		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	PCBS	11141-16-5	Aroclor-1232	0.035	mg/kg	UJ	0.041	0.16		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	PCBS	53469-21-9	Aroclor-1242	0.035	mg/kg	UJ	0.041	0.22		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	PCBS	12672-29-6	Aroclor-1248	0.035	mg/kg	UJ	0.041	0.22		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	PCBS	11097-69-1	Aroclor-1254	0.035	mg/kg	UJ	0.029	0.029		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	PCBS	11096-82-5	Aroclor-1260	0.035	mg/kg	UJ	0.041	0.23		
BIL12SSI	723599.644	7834983.913	9/21/1999	0 - 0.5	SO	N	990921BIL12SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.105	mg/kg	U	0.0073	0.23		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8081 Pest	72-54-8	4,4'-DDD	0.00223	mg/kg	U	0.021	2.2		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8081 Pest	72-55-9	4,4'-DDE	0.00223	mg/kg	U	0.021	1.8		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8081 Pest	50-29-3	4,4'-DDT	0.00223	mg/kg	U	0.021	1.8		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8081 Pest	309-00-2	Aldrin	0.00112	mg/kg	U	0.000085	0.031		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8081 Pest	319-84-6	alpha-BHC	0.00112	mg/kg	U	0.0096	0.083		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8081 Pest	319-85-7	beta-BHC	0.00112	mg/kg	U	0.0096	0.086		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8081 Pest	319-86-8	delta-BHC	0.00112	mg/kg	U	0.0096	0.083		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8081 Pest	60-57-1	Dieldrin	0.00223	mg/kg	U	0.0049	0.033		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8081 Pest	959-98-8	Endosulfan I	0.00112	mg/kg	U	0.64	45		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8081 Pest	33213-65-9	Endosulfan II	0.00223	mg/kg	U	0.64	45		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.00223	mg/kg	U	0.64	36		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8081 Pest	72-20-8	Endrin	0.00223	mg/kg	U	0.0014	1.8		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8081 Pest	7421-93-4	Endrin aldehyde	0.00223	mg/kg	U	0.0014	1.8		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8081 Pest	53494-70-5	Endrin ketone	0.00223	mg/kg	U	0.0014	1.8		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.00112	mg/kg	U	0.0096	0.49		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8081 Pest	76-44-8	Heptachlor	0.00112	mg/kg	U	0.0016	0.11		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.00112	mg/kg	U	0.00015	0.055		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8081 Pest	72-43-5	Methoxychlor	0.0112	mg/kg	U	5.1	31		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8081 Pest	12789-03-6	technical-Chlordane	0.409	mg/kg		0.27	1.6		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8081 Pest	8001-35-2	Toxaphene	0.112	mg/kg	U	0.47	0.47		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8082	12674-11-2	Aroclor-1016	0.00123	mg/kg	U	0.041	0.1		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8082	11104-28-2	Aroclor-1221	0.00527	mg/kg	U	0.041	0.19		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8082	11141-16-5	Aroclor-1232	0.00421	mg/kg	U	0.041	0.16		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8082	53469-21-9	Aroclor-1242	0.00225	mg/kg	U	0.041	0.22		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8082	12672-29-6	Aroclor-1248	0.0056	mg/kg	U	0.041	0.22		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8082	11097-69-1	Aroclor-1254	0.499	mg/kg		0.029	0.029		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8082	11096-82-5	Aroclor-1260	0.158	mg/kg		0.041	0.23		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8151	93-76-5	2,4,5-T	0.00174	mg/kg	U	60	60		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8151	93-72-1	2,4,5-TP (Silvex)	0.00255	mg/kg	U	0.055	49		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8151	94-75-7	2,4-D	0.000659	mg/kg	U	67	67		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8151	94-82-6	2,4-DB	0.00112	mg/kg	U				
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.000851	mg/kg	U				
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8151	100-02-7	4-Nitrophenol	0.00177	mg/kg	U	5.1	1824		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8151	75-99-0	Dalapon	0.00244	mg/kg	U	182	182		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8151	1918-00-9	Dicamba	0.00194	mg/kg	U	182	182		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8151	88-85-7	Dinoseb	0.000659	mg/kg	U	0.015	6		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8151	94-74-6	MCPA	0.0012	mg/kg	U	3.1	3.1		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8151	93-65-2	MCPP	0.00219	mg/kg	U	6	6		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8151	87-86-5	Pentachlorophenol	0.000933	mg/kg	U	0.96	1		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.000242	mg/kg	U	0.07	1.9		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	71-55-6	1,1,1-Trichloroethane	0.000242	mg/kg	U	260	778		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.000242	mg/kg	U	0.13	0.58		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	79-00-5	1,1,2-Trichloroethane	0.000242	mg/kg	U	0.14	0.14		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	75-34-3	1,1-Dichloroethane	0.000242	mg/kg	U	3.5	3.5		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	75-35-4	1,1-Dichloroethene	0.000242	mg/kg	U	11	22		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	563-58-6	1,1-Dichloropropene	0.000242	mg/kg	U	0.001	1.7		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.000242	mg/kg	U	6	6		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	96-18-4	1,2,3-Trichloropropane	0.000242	mg/kg	U	0.0049	0.0049		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	120-82-1	1,2,4-Trichlorobenzene	0.000242	mg/kg	UJ	0.27	5.6		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.000242	mg/kg	U	0.09	29		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.000242	mg/kg	U	0.0051	0.0051		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.000242	mg/kg	U	0.035	0.035		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	95-50-1	1,2-Dichlorobenzene	0.000242	mg/kg	U	0.92	173		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	107-06-2	1,2-Dichloroethane	0.000242	mg/kg	U	0.44	0.44		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	78-87-5	1,2-Dichloropropane	0.000242	mg/kg	U	0.28	1.5		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.000242	mg/kg	U	0.16	26		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	541-73-1	1,3-Dichlorobenzene	0.000242	mg/kg	U	0.74	2.5		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	142-28-9	1,3-Dichloropropane	0.000242	mg/kg	U	0.28	154		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	106-46-7	1,4-Dichlorobenzene	0.000242	mg/kg	U	0.89	2.5		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	594-20-7	2,2-Dichloropropane	0.000242	mg/kg	U	0.28	1.5		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	95-49-8	2-Chlorotoluene	0.000242	mg/kg	U	154	154		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	591-78-6	2-Hexanone	0.00121	mg/kg	U	0.36	19		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	106-43-4	4-Chlorotoluene	0.000242	mg/kg	U	154	154		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	67-64-1	Acetone	0.00121	mg/kg	UJ	1.2	6720		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	71-43-2	Benzene	0.000242	mg/kg	U	1.2	1.2		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	108-86-1	Bromobenzene	0.000242	mg/kg	U	28	28		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	74-97-5	Bromochloromethane	0.000242	mg/kg	U	3.4	3.4		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	75-27-4	Bromodichloromethane	0.000242	mg/kg	U	0.28	0.28		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	75-25-2	Bromoform	0.000242	mg/kg	U	0.07	18		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	74-83-9	Bromomethane	0.000242	mg/kg	UJ	0.002	0.65		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	75-15-0	Carbon disulfide	0.000242	mg/kg	U	0.81	74		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	56-23-5	Carbon tetrachloride	0.000242	mg/kg	U	0.62	0.62		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	108-90-7	Chlorobenzene	0.000242	mg/kg	U	2.4	27		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	75-00-3	Chloroethane	0.000242	mg/kg	U	518	518		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	67-66-3	Chloroform	0.000242	mg/kg	U	0.31	0.31		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	74-87-3	Chloromethane	0.000242	mg/kg	U	11	11		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	156-59-2	cis-1,2-Dichloroethene	0.000242	mg/kg	U	6	6		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.000242	mg/kg	U	0.001	1.7		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	124-48-1	Dibromochloromethane	0.000242	mg/kg	U	3.7	3.7		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	74-95-3	Dibromomethane	0.000242	mg/kg	U	2.304	2.3		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	75-71-8	Dichlorodifluoromethane	0.000242	mg/kg	U	8.4	8.4		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	100-41-4	Ethylbenzene	0.000242	mg/kg	U	0.27	5.6		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	87-68-3	Hexachlorobutadiene	0.000242	mg/kg	U	0.009	1.2		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	98-82-8	Isopropylbenzene	0.000242	mg/kg	U	0.04	182		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	179601-23-1	m,p-Xylene	0.000242	mg/kg	U	1.4	53		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	78-93-3	MEK (2-Butanone)	0.00121	mg/kg	U	350	2592		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	75-09-2	Methylene chloride	0.000242	mg/kg	U	2.6	34		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	0.00121	mg/kg	U	9.7	3168		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	104-51-8	n-Butylbenzene	0.000242	mg/kg	U	374	374		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	103-65-1	n-Propylbenzene	0.000242	mg/kg	U	365	365		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	95-47-6	o-Xylene	0.000242	mg/kg	U	1.4	61		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	99-87-6	p-Cymene	0.000242	mg/kg	U	0.18	182		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	135-98-8	sec-Butylbenzene	0.000242	mg/kg	U	749	749		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	100-42-5	Styrene	0.000242	mg/kg	U	1.2	576		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	98-06-6	tert-Butylbenzene	0.000242	mg/kg	U	749	749		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	127-18-4	Tetrachloroethene	0.00812	mg/kg		0.18	7.8		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	108-88-3	Toluene	0.000242	mg/kg	U	23	470		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	156-60-5	trans-1,2-Dichloroethene	0.000242	mg/kg	U	6.7	6.7		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.000242	mg/kg	U	0.001	1.7		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	79-01-6	Trichloroethene	0.000242	mg/kg	U	0.39	0.39		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	75-69-4	Trichlorofluoromethane	0.000325	mg/kg	J	52	2208		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	108-05-4	Vinyl acetate	0.00121	mg/kg	UJ	87	87		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8260	75-01-4	Vinyl chloride	0.000242	mg/kg	U	0.057	0.057		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	95-95-4	2,4,5-Trichlorophenol	0.028	mg/kg	U	4	605		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	88-06-2	2,4,6-Trichlorophenol	0.0207	mg/kg	U	6	6		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	120-83-2	2,4-Dichlorophenol	0.0374	mg/kg	U	0.05	18		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	105-67-9	2,4-Dimethylphenol	0.0171	mg/kg	U	0.04	125		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	51-28-5	2,4-Dinitrophenol	0.0171	mg/kg	UJ	0.061	12		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	121-14-2	2,4-Dinitrotoluene	0.0202	mg/kg	U	1.6	1.6		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	606-20-2	2,6-Dinitrotoluene	0.028	mg/kg	UJ	0.3456	0.35		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	91-58-7	2-Chloronaphthalene	0.00467	mg/kg	U	461	461		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	95-57-8	2-Chlorophenol	0.0233	mg/kg	U	0.39	37		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	91-57-6	2-Methylnaphthalene	0.042	mg/kg		23	23		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	95-48-7	2-Methylphenol	0.0187	mg/kg	U	0.67	307		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	88-74-4	2-Nitroaniline	0.0171	mg/kg	U	5.3	60		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	88-75-5	2-Nitrophenol	0.0218	mg/kg	U	5.1	1824		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	91-94-1	3,3'-Dichlorobenzidine	0.0171	mg/kg	UJ	0.03	1.2		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	99-09-2	3-Nitroaniline	0.0265	mg/kg	UJ	0.02	60		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.0576	mg/kg	UJ	0.49	0.49		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.0207	mg/kg	U				
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	59-50-7	4-Chloro-3-methylphenol	0.0171	mg/kg	U	605	605		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	106-47-8	4-Chloroaniline	0.0145	mg/kg	U	1	2.6		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.0261	mg/kg	U				
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	106-44-5	4-Methylphenol	0.023	mg/kg	U	0.08	125		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	100-01-6	4-Nitroaniline	0.0265	mg/kg	UJ	0.02	24		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	83-32-9	Acenaphthene	0.54	mg/kg		29	346		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	208-96-8	Acenaphthylene	0.0654	mg/kg		1.9	1.9		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	62-53-3	Aniline	0.042	mg/kg	U	42	42		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	120-12-7	Anthracene	0.872	mg/kg		29	1728		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	92-87-5	Benzidine	0.0294	mg/kg	UJ	0.00051	0.00051		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	56-55-3	Benzo(a)anthracene	10.1	mg/kg		1.1	1.1		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	50-32-8	Benzo(a)pyrene	9.84	mg/kg		0.11	0.11		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	191-24-2	Benzo(g,h,i)perylene	5.06	mg/kg		1.1	173		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	56832-73-6	Benzofluoranthenes, Total	14.2	mg/kg					
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	65-85-0	Benzoic acid	0.0529	mg/kg	U	1	24000		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	100-51-6	Benzyl alcohol	0.0327	mg/kg	UJ	120	605		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.0187	mg/kg	U	18	18		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.0297	mg/kg	U	0.22	0.22		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	2.37	mg/kg		0.02	37		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.0405	mg/kg	U	298	298		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	85-68-7	Butyl benzylphthalate	0.0296	mg/kg	U	90	278		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	86-74-8	Carbazole	0.448	mg/kg		7.5	7.5		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	218-01-9	Chrysene	8.19	mg/kg		1.1	106		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	53-70-3	Dibenzo(a,h)anthracene	0.685	mg/kg		0.1056	0.11		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	132-64-9	Dibenzofuran	0.0949	mg/kg	J	6.1	7.5		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	84-66-2	Diethyl phthalate	0.0265	mg/kg	U	100	4896		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	131-11-3	Dimethyl phthalate	0.0171	mg/kg	U	10	37		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	84-74-2	Di-n-butylphthalate	0.135	mg/kg	UJ	0.011	605		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	117-84-0	Di-n-octylphthalate	0.0405	mg/kg	UJ	0.91	60		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	206-44-0	Fluoranthene	19.5	mg/kg		1.1	230		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	86-73-7	Fluorene	0.272	mg/kg		29	230		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	118-74-1	Hexachlorobenzene	0.0171	mg/kg	U	0.075	0.075		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	77-47-4	Hexachlorocyclopentadiene	0.0219	mg/kg	U	0.001	0.17		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	67-72-1	Hexachloroethane	0.0296	mg/kg	U	0.024	1.7		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	6.26	mg/kg		1.1	1.1		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	78-59-1	Isophorone	0.0218	mg/kg	U	547	547		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	91-20-3	Naphthalene	0.0825	mg/kg		1.9	1.9		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	98-95-3	Nitrobenzene	0.0213	mg/kg	U	2.2	4.9		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	62-75-9	N-Nitrosodimethylamine	0.0171	mg/kg	UJ	0.0019	0.0019		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.0171	mg/kg	U	0.075	0.075		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	86-30-6	N-Nitrosodiphenylamine	0.0125	mg/kg	U	0.55	106		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	85-01-8	Phenanthrene	3.11	mg/kg		29	1728		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	108-95-2	Phenol	0.0311	mg/kg	U	0.79	1824		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	8270	129-00-0	Pyrene	23.1	mg/kg		1.1	173		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	12.16919	mg/kg					
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	82.735	mg/kg		1.1			
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	4.9419	mg/kg		29			
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	Krone	1002-53-5	Dibutyltin	0.00072	mg/kg	U	1.8	1.8		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	Krone	78763-54-9	Monobutyltin	0.00159	mg/kg	U	2.2	2.2		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	Krone	1461-25-2	Tetrabutyltin	0.000556	mg/kg	U	2.2	2.2		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	Krone	688-73-3	Tributyltin	0.00115	mg/kg	U	2.2	2.2		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7429-90-5	Aluminum	11300	mg/kg		50	7392		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7440-36-0	Antimony	3.9	mg/kg		0.27	3		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7440-38-2	Arsenic	5.18	mg/kg		0.43	0.43		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7440-39-3	Barium	113	mg/kg	J	330	1440		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7440-41-7	Beryllium	0.193	mg/kg	J	15	15		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7440-43-9	Cadmium	2.16	mg/kg		0.36	0.68		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7440-70-2	Calcium	6520	mg/kg					
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7440-47-3	Chromium	57.2	mg/kg		0.29	0.29		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7440-48-4	Cobalt	14.1	mg/kg		2.2	2.2		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7440-50-8	Copper	312	mg/kg	J	28	298		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7439-89-6	Iron	31100	mg/kg		5280	5280		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7439-92-1	Lead	488	mg/kg	J	11	192		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7439-95-4	Magnesium	6410	mg/kg					
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7439-96-5	Manganese	489	mg/kg	J	173	173		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7439-97-6	Mercury	0.444	mg/kg		0.013	1.1		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7440-02-0	Nickel	32.4	mg/kg	J	38	134		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7440-09-7	Potassium	843	mg/kg					
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7782-49-2	Selenium	0.0806	mg/kg	U	0.52	37		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7440-22-4	Silver	1.52	mg/kg		4.2	37		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7440-23-5	Sodium	151	mg/kg	U				
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7440-28-0	Thallium	0.12	mg/kg		0.05	0.075		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7440-62-2	Vanadium	67	mg/kg		7.8	37		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	METALS	7440-66-6	Zinc	425	mg/kg	J	46	2208		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	NWTPH-Dx	TPH-D	Diesel Range Organics	198	mg/kg		260	1100		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	NWTPH-Dx	MOIL	Residual Range Organics	1070	mg/kg		260	2800		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.49	mg/kg	U	120	1200		
BIL13	723630.028	7834812.02	10/16/2001	4 - 4	SO	N	011016BIL13SS	Tot_Aroclor_Calc	PCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.663	mg/kg		0.0073	0.23		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8081 Pest	72-54-8	4,4'-DDD	0.001	mg/kg	U	0.021	2.2		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8081 Pest	72-55-9	4,4'-DDE	0.001	mg/kg	U	0.021	1.8		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8081 Pest	50-29-3	4,4'-DDT	0.001	mg/kg	U	0.021	1.8		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8081 Pest	309-00-2	Aldrin	0.001	mg/kg	U	0.000085	0.031		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8081 Pest	319-84-6	alpha-BHC	0.0005	mg/kg	U	0.0096	0.083		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8081 Pest	5103-71-9	alpha-Chlordane	0.0008	mg/kg	U	0.27	1.7		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8081 Pest	319-85-7	beta-BHC	0.0009	mg/kg	U	0.0096	0.086		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8081 Pest	319-86-8	delta-BHC	0.0006	mg/kg	U	0.0096	0.083		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8081 Pest	60-57-1	Dieldrin	0.002	mg/kg	U	0.0049	0.033		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8081 Pest	959-98-8	Endosulfan I	0.001	mg/kg	U	0.64	45		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8081 Pest	33213-65-9	Endosulfan II	0.002	mg/kg	U	0.64	45		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.001	mg/kg	U	0.64	36		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8081 Pest	72-20-8	Endrin	0.002	mg/kg	U	0.0014	1.8		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8081 Pest	7421-93-4	Endrin aldehyde	0.002	mg/kg	U	0.0014	1.8		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.001	mg/kg	U	0.0096	0.49		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8081 Pest	5103-74-2	gamma-Chlordane	0.0007	mg/kg	U	0.27	1.7		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8081 Pest	76-44-8	Heptachlor	0.001	mg/kg	U	0.0016	0.11		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.001	mg/kg	U	0.00015	0.055		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8081 Pest	72-43-5	Methoxychlor	0.004	mg/kg	U	5.1	31		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8081 Pest	8001-35-2	Toxaphene	0.05	mg/kg	U	0.47	0.47		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8151	93-76-5	2,4,5-T	0.05	mg/kg	U	60	60		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8151	93-72-1	2,4,5-TP (Silvex)	0.05	mg/kg	U	0.055	49		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8151	94-75-7	2,4-D	0.05	mg/kg	U	67	67		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8151	94-82-6	2,4-DB	0.05	mg/kg	U				
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.05	mg/kg	U				
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8151	75-99-0	Dalapon	0.05	mg/kg	U	182	182		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8151	1918-00-9	Dicamba	0.05	mg/kg	U	182	182		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8151	88-85-7	Dinoseb	0.05	mg/kg	U	0.015	6		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8151	94-74-6	MCPA	25	mg/kg	U	3.1	3.1		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8151	93-65-2	MCPP	25	mg/kg	U	6	6		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.1	mg/kg	U	0.07	1.9		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	71-55-6	1,1,1-Trichloroethane	0.1	mg/kg	U	260	778		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.1	mg/kg	U	0.13	0.58		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	79-00-5	1,1,2-Trichloroethane	0.1	mg/kg	U	0.14	0.14		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	75-34-3	1,1-Dichloroethane	0.1	mg/kg	U	3.5	3.5		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	75-35-4	1,1-Dichloroethene	0.1	mg/kg	UJ	11	22		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	563-58-6	1,1-Dichloropropene	0.1	mg/kg	U	0.001	1.7		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.1	mg/kg	U	6	6		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	96-18-4	1,2,3-Trichloropropane	0.1	mg/kg	U	0.0049	0.0049		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.1	mg/kg	U	0.09	29		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	mg/kg	UJ	0.0051	0.0051		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.1	mg/kg	U	0.035	0.035		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	107-06-2	1,2-Dichloroethane	0.1	mg/kg	U	0.44	0.44		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	78-87-5	1,2-Dichloropropane	0.1	mg/kg	U	0.28	1.5		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.1	mg/kg	U	0.16	26		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	142-28-9	1,3-Dichloropropane	0.1	mg/kg	U	0.28	154		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	594-20-7	2,2-Dichloropropane	0.1	mg/kg	UJ	0.28	1.5		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	95-49-8	2-Chlorotoluene	0.1	mg/kg	U	154	154		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	591-78-6	2-Hexanone	1	mg/kg	U	0.36	19		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	106-43-4	4-Chlorotoluene	0.1	mg/kg	U	154	154		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	67-64-1	Acetone	1	mg/kg	U	1.2	6720		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	71-43-2	Benzene	0.1	mg/kg	U	1.2	1.2		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	108-86-1	Bromobenzene	0.1	mg/kg	U	28	28		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	74-97-5	Bromochloromethane	0.1	mg/kg	U	3.4	3.4		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	75-27-4	Bromodichloromethane	0.1	mg/kg	U	0.28	0.28		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	75-25-2	Bromoform	0.1	mg/kg	U	0.07	18		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	74-83-9	Bromomethane	0.1	mg/kg	U	0.002	0.65		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	75-15-0	Carbon disulfide	0.1	mg/kg	U	0.81	74		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	56-23-5	Carbon tetrachloride	0.1	mg/kg	U	0.62	0.62		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	108-90-7	Chlorobenzene	0.1	mg/kg	U	2.4	27		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	75-00-3	Chloroethane	0.1	mg/kg	U	518	518		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	67-66-3	Chloroform	0.1	mg/kg	U	0.31	0.31		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	74-87-3	Chloromethane	0.5	mg/kg	U	11	11		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	156-59-2	cis-1,2-Dichloroethene	0.1	mg/kg	U	6	6		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.1	mg/kg	U	0.001	1.7		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	124-48-1	Dibromochloromethane	0.1	mg/kg	U	3.7	3.7		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	74-95-3	Dibromomethane	0.1	mg/kg	U	2.304	2.3		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	75-71-8	Dichlorodifluoromethane	0.1	mg/kg	UJ	8.4	8.4		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	100-41-4	Ethylbenzene	0.1	mg/kg	U	0.27	5.6		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	98-82-8	Isopropylbenzene	0.1	mg/kg	U	0.04	182		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	179601-23-1	m,p-Xylene	0.2	mg/kg	U	1.4	53		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	78-93-3	MEK (2-Butanone)	1	mg/kg	U	350	2592		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	75-09-2	Methylene chloride	1	mg/kg	UJ	2.6	34		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	1	mg/kg	U	9.7	3168		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	104-51-8	n-Butylbenzene	0.1	mg/kg	U	374	374		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	103-65-1	n-Propylbenzene	0.1	mg/kg	U	365	365		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	95-47-6	o-Xylene	0.1	mg/kg	U	1.4	61		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	99-87-6	p-Cymene	0.1	mg/kg	U	0.18	182		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	135-98-8	sec-Butylbenzene	0.1	mg/kg	U	749	749		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	100-42-5	Styrene	0.1	mg/kg	U	1.2	576		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	98-06-6	tert-Butylbenzene	0.1	mg/kg	U	749	749		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	127-18-4	Tetrachloroethene	0.1	mg/kg	U	0.18	7.8		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	108-88-3	Toluene	0.1	mg/kg	UJ	23	470		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	156-60-5	trans-1,2-Dichloroethene	0.1	mg/kg	U	6.7	6.7		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.1	mg/kg	U	0.001	1.7		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	79-01-6	Trichloroethene	0.1	mg/kg	U	0.39	0.39		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	75-69-4	Trichlorofluoromethane	0.1	mg/kg	U	52	2208		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8260	75-01-4	Vinyl chloride	0.1	mg/kg	U	0.057	0.057		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	120-82-1	1,2,4-Trichlorobenzene	0.05	mg/kg	U	0.27	5.6		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	95-50-1	1,2-Dichlorobenzene	0.05	mg/kg	U	0.92	173		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	541-73-1	1,3-Dichlorobenzene	0.05	mg/kg	U	0.74	2.5		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	106-46-7	1,4-Dichlorobenzene	0.05	mg/kg	U	0.89	2.5		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	95-95-4	2,4,5-Trichlorophenol	0.05	mg/kg	U	4	605		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	88-06-2	2,4,6-Trichlorophenol	0.05	mg/kg	U	6	6		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	120-83-2	2,4-Dichlorophenol	0.05	mg/kg	U	0.05	18		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	105-67-9	2,4-Dimethylphenol	0.1	mg/kg	U	0.04	125		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	51-28-5	2,4-Dinitrophenol	0.25	mg/kg	UJ	0.061	12		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	121-14-2	2,4-Dinitrotoluene	0.25	mg/kg	UJ	1.6	1.6		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	606-20-2	2,6-Dinitrotoluene	0.25	mg/kg	U	0.3456	0.35		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	91-58-7	2-Chloronaphthalene	0.05	mg/kg	U	461	461		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	95-57-8	2-Chlorophenol	0.05	mg/kg	U	0.39	37		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	91-57-6	2-Methylnaphthalene	0.05	mg/kg	U	23	23		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	95-48-7	2-Methylphenol	0.05	mg/kg	U	0.67	307		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	88-74-4	2-Nitroaniline	0.25	mg/kg	U	5.3	60		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	88-75-5	2-Nitrophenol	0.05	mg/kg	UJ	5.1	1824		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	91-94-1	3,3'-Dichlorobenzidine	2.5	mg/kg	UJ	0.03	1.2		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	99-09-2	3-Nitroaniline	0.25	mg/kg	U	0.02	60		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.25	mg/kg	UJ	0.49	0.49		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.05	mg/kg	U				
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	59-50-7	4-Chloro-3-methylphenol	0.05	mg/kg	U	605	605		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	106-47-8	4-Chloroaniline	0.25	mg/kg	UJ	1	2.6		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.05	mg/kg	U				
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	106-44-5	4-Methylphenol	0.05	mg/kg	U	0.08	125		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	100-01-6	4-Nitroaniline	0.25	mg/kg	U	0.02	24		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	100-02-7	4-Nitrophenol	0.25	mg/kg	U	5.1	1824		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	83-32-9	Acenaphthene	0.05	mg/kg	U	29	346		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	208-96-8	Acenaphthylene	0.05	mg/kg	U	1.9	1.9		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	62-53-3	Aniline	0.05	mg/kg	U	42	42		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	120-12-7	Anthracene	0.05	mg/kg	U	29	1728		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	56-55-3	Benzo(a)anthracene	0.05	mg/kg	U	1.1	1.1		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	65-85-0	Benzoic acid	0.293	mg/kg		1	24000		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	100-51-6	Benzyl alcohol	0.05	mg/kg	U	120	605		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.05	mg/kg	U	18	18		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.05	mg/kg	U	0.22	0.22		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	0.05	mg/kg	U	0.02	37		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.05	mg/kg	U	298	298		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	85-68-7	Butyl benzylphthalate	0.05	mg/kg	U	90	278		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	86-74-8	Carbazole	0.05	mg/kg	UJ	7.5	7.5		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	218-01-9	Chrysene	0.05	mg/kg	U	1.1	106		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	132-64-9	Dibenzofuran	0.05	mg/kg	U	6.1	7.5		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	84-66-2	Diethyl phthalate	0.05	mg/kg	U	100	4896		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	131-11-3	Dimethyl phthalate	0.05	mg/kg	U	10	37		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	84-74-2	Di-n-butylphthalate	0.05	mg/kg	U	0.011	605		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	117-84-0	Di-n-octylphthalate	0.05	mg/kg	U	0.91	60		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	206-44-0	Fluoranthene	0.05	mg/kg	U	1.1	230		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	86-73-7	Fluorene	0.05	mg/kg	U	29	230		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	118-74-1	Hexachlorobenzene	0.05	mg/kg	U	0.075	0.075		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	87-68-3	Hexachlorobutadiene	0.05	mg/kg	U	0.009	1.2		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	77-47-4	Hexachlorocyclopentadiene	0.25	mg/kg	UJ	0.001	0.17		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	67-72-1	Hexachloroethane	0.05	mg/kg	U	0.024	1.7		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	78-59-1	Isophorone	0.05	mg/kg	U	547	547		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	91-20-3	Naphthalene	0.05	mg/kg	U	1.9	1.9		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	98-95-3	Nitrobenzene	0.05	mg/kg	U	2.2	4.9		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.05	mg/kg	U	0.075	0.075		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	86-30-6	N-Nitrosodiphenylamine	0.05	mg/kg	U	0.55	106		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	87-86-5	Pentachlorophenol	0.25	mg/kg	U	0.96	1		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	85-01-8	Phenanthrene	0.05	mg/kg	U	29	1728		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	108-95-2	Phenol	0.05	mg/kg	U	0.79	1824		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	8270	129-00-0	Pyrene	0.05	mg/kg	UJ	1.1	173		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	METALS	7440-38-2	Arsenic	1.03	mg/kg		0.43	0.43		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	METALS	7440-39-3	Barium	234	mg/kg		330	1440		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	METALS	7440-41-7	Beryllium	0.603	mg/kg		15	15		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	METALS	7440-43-9	Cadmium	0.299	mg/kg		0.36	0.68		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	METALS	7440-47-3	Chromium	20.9	mg/kg		0.29	0.29		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	METALS	7440-50-8	Copper	54.3	mg/kg	J	28	298		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	METALS	7439-89-6	Iron	35700	mg/kg		5280	5280		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	METALS	7439-92-1	Lead	4.83	mg/kg		11	192		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	METALS	7439-96-5	Manganese	371	mg/kg		173	173		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	METALS	7439-97-6	Mercury	0.106	mg/kg		0.013	1.1		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	METALS	7440-02-0	Nickel	17	mg/kg	J	38	134		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	METALS	7782-49-2	Selenium	0.616	mg/kg	J	0.52	37		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	METALS	7440-22-4	Silver	0.262	mg/kg	U	4.2	37		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	METALS	7440-28-0	Thallium	0.262	mg/kg	U	0.05	0.075		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	METALS	7440-66-6	Zinc	36.5	mg/kg		46	2208		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	NWTPH-Dx	TPH-D	Diesel Range Organics	25	mg/kg	U	260	1100		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	NWTPH-Dx	MOIL	Residual Range Organics	100	mg/kg	U	260	2800		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	20	mg/kg	U	120	1200		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	PCBS	12674-11-2	Aroclor-1016	0.05	mg/kg	U	0.041	0.1		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	PCBS	11104-28-2	Aroclor-1221	0.05	mg/kg	U	0.041	0.19		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	PCBS	11141-16-5	Aroclor-1232	0.05	mg/kg	U	0.041	0.16		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	PCBS	53469-21-9	Aroclor-1242	0.05	mg/kg	U	0.041	0.22		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	PCBS	12672-29-6	Aroclor-1248	0.05	mg/kg	U	0.041	0.22		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	PCBS	11097-69-1	Aroclor-1254	0.05	mg/kg	U	0.029	0.029		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	FD	000413BIL14SS	PCBS	11096-82-5	Aroclor-1260	0.05	mg/kg	U	0.041	0.23		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8081 Pest	72-54-8	4,4'-DDD	0.001	mg/kg	U	0.021	2.2		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8081 Pest	72-55-9	4,4'-DDE	0.001	mg/kg	U	0.021	1.8		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8081 Pest	50-29-3	4,4'-DDT	0.001	mg/kg	U	0.021	1.8		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8081 Pest	309-00-2	Aldrin	0.001	mg/kg	U	0.000085	0.031		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8081 Pest	319-84-6	alpha-BHC	0.0005	mg/kg	U	0.0096	0.083		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8081 Pest	5103-71-9	alpha-Chlordane	0.0008	mg/kg	U	0.27	1.7		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8081 Pest	319-85-7	beta-BHC	0.0009	mg/kg	U	0.0096	0.086		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8081 Pest	319-86-8	delta-BHC	0.0006	mg/kg	U	0.0096	0.083		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8081 Pest	60-57-1	Dieldrin	0.002	mg/kg	U	0.0049	0.033		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8081 Pest	959-98-8	Endosulfan I	0.001	mg/kg	U	0.64	45		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8081 Pest	33213-65-9	Endosulfan II	0.002	mg/kg	U	0.64	45		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.001	mg/kg	U	0.64	36		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8081 Pest	72-20-8	Endrin	0.002	mg/kg	U	0.0014	1.8		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8081 Pest	7421-93-4	Endrin aldehyde	0.002	mg/kg	U	0.0014	1.8		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.001	mg/kg	U	0.0096	0.49		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8081 Pest	5103-74-2	gamma-Chlordane	0.0007	mg/kg	U	0.27	1.7		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8081 Pest	76-44-8	Heptachlor	0.001	mg/kg	U	0.0016	0.11		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.001	mg/kg	U	0.00015	0.055		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8081 Pest	72-43-5	Methoxychlor	0.004	mg/kg	U	5.1	31		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8081 Pest	8001-35-2	Toxaphene	0.05	mg/kg	U	0.47	0.47		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8151	93-76-5	2,4,5-T	0.05	mg/kg	U	60	60		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8151	93-72-1	2,4,5-TP (Silvex)	0.05	mg/kg	U	0.055	49		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8151	94-75-7	2,4-D	0.05	mg/kg	U	67	67		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8151	94-82-6	2,4-DB	0.05	mg/kg	U				
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.05	mg/kg	U				
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8151	75-99-0	Dalapon	0.05	mg/kg	U	182	182		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8151	1918-00-9	Dicamba	0.05	mg/kg	U	182	182		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8151	88-85-7	Dinoseb	0.05	mg/kg	U	0.015	6		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8151	94-74-6	MCPA	25	mg/kg	U	3.1	3.1		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8151	93-65-2	MCPP	25	mg/kg	U	6	6		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.1	mg/kg	UJ	0.07	1.9		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	71-55-6	1,1,1-Trichloroethane	0.1	mg/kg	UJ	260	778		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.1	mg/kg	UJ	0.13	0.58		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	79-00-5	1,1,2-Trichloroethane	0.1	mg/kg	UJ	0.14	0.14		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	75-34-3	1,1-Dichloroethane	0.1	mg/kg	UJ	3.5	3.5		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	75-35-4	1,1-Dichloroethene	0.1	mg/kg	UJ	11	22		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	563-58-6	1,1-Dichloropropene	0.1	mg/kg	UJ	0.001	1.7		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.1	mg/kg	UJ	6	6		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	96-18-4	1,2,3-Trichloropropane	0.1	mg/kg	UJ	0.0049	0.0049		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.1	mg/kg	UJ	0.09	29		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	mg/kg	UJ	0.0051	0.0051		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.1	mg/kg	UJ	0.035	0.035		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	107-06-2	1,2-Dichloroethane	0.1	mg/kg	UJ	0.44	0.44		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	78-87-5	1,2-Dichloropropane	0.1	mg/kg	UJ	0.28	1.5		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.1	mg/kg	UJ	0.16	26		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	142-28-9	1,3-Dichloropropane	0.1	mg/kg	UJ	0.28	154		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	594-20-7	2,2-Dichloropropane	0.1	mg/kg	UJ	0.28	1.5		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	95-49-8	2-Chlorotoluene	0.1	mg/kg	UJ	154	154		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	591-78-6	2-Hexanone	1	mg/kg	UJ	0.36	19		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	106-43-4	4-Chlorotoluene	0.1	mg/kg	UJ	154	154		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	67-64-1	Acetone	1	mg/kg	UJ	1.2	6720		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	71-43-2	Benzene	0.1	mg/kg	UJ	1.2	1.2		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	108-86-1	Bromobenzene	0.1	mg/kg	UJ	28	28		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	74-97-5	Bromochloromethane	0.1	mg/kg	UJ	3.4	3.4		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	75-27-4	Bromodichloromethane	0.1	mg/kg	UJ	0.28	0.28		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	75-25-2	Bromoform	0.1	mg/kg	UJ	0.07	18		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	74-83-9	Bromomethane	0.1	mg/kg	UJ	0.002	0.65		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	75-15-0	Carbon disulfide	0.1	mg/kg	UJ	0.81	74		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	56-23-5	Carbon tetrachloride	0.1	mg/kg	UJ	0.62	0.62		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	108-90-7	Chlorobenzene	0.1	mg/kg	UJ	2.4	27		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	75-00-3	Chloroethane	0.1	mg/kg	UJ	518	518		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	67-66-3	Chloroform	0.1	mg/kg	UJ	0.31	0.31		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	74-87-3	Chloromethane	0.5	mg/kg	UJ	11	11		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	156-59-2	cis-1,2-Dichloroethene	0.1	mg/kg	UJ	6	6		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.1	mg/kg	UJ	0.001	1.7		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	124-48-1	Dibromochloromethane	0.1	mg/kg	UJ	3.7	3.7		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	74-95-3	Dibromomethane	0.1	mg/kg	UJ	2.304	2.3		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	75-71-8	Dichlorodifluoromethane	0.1	mg/kg	UJ	8.4	8.4		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	100-41-4	Ethylbenzene	0.1	mg/kg	UJ	0.27	5.6		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	98-82-8	Isopropylbenzene	0.1	mg/kg	UJ	0.04	182		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	179601-23-1	m,p-Xylene	0.2	mg/kg	UJ	1.4	53		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	78-93-3	MEK (2-Butanone)	1	mg/kg	UJ	350	2592		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	75-09-2	Methylene chloride	1	mg/kg	UJ	2.6	34		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	1	mg/kg	UJ	9.7	3168		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	104-51-8	n-Butylbenzene	0.1	mg/kg	UJ	374	374		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	103-65-1	n-Propylbenzene	0.1	mg/kg	UJ	365	365		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	95-47-6	o-Xylene	0.1	mg/kg	UJ	1.4	61		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	99-87-6	p-Cymene	0.1	mg/kg	UJ	0.18	182		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	135-98-8	sec-Butylbenzene	0.1	mg/kg	UJ	749	749		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	100-42-5	Styrene	0.1	mg/kg	UJ	1.2	576		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	98-06-6	tert-Butylbenzene	0.1	mg/kg	UJ	749	749		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	127-18-4	Tetrachloroethene	0.1	mg/kg	UJ	0.18	7.8		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	108-88-3	Toluene	0.1	mg/kg	UJ	23	470		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	156-60-5	trans-1,2-Dichloroethene	0.1	mg/kg	UJ	6.7	6.7		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.1	mg/kg	UJ	0.001	1.7		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	79-01-6	Trichloroethene	0.1	mg/kg	UJ	0.39	0.39		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	75-69-4	Trichlorofluoromethane	0.1	mg/kg	UJ	52	2208		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8260	75-01-4	Vinyl chloride	0.1	mg/kg	UJ	0.057	0.057		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	120-82-1	1,2,4-Trichlorobenzene	0.0498	mg/kg	U	0.27	5.6		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	95-50-1	1,2-Dichlorobenzene	0.0498	mg/kg	U	0.92	173		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	541-73-1	1,3-Dichlorobenzene	0.0498	mg/kg	U	0.74	2.5		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	106-46-7	1,4-Dichlorobenzene	0.0498	mg/kg	U	0.89	2.5		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	95-95-4	2,4,5-Trichlorophenol	0.0498	mg/kg	U	4	605		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	88-06-2	2,4,6-Trichlorophenol	0.0498	mg/kg	U	6	6		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	120-83-2	2,4-Dichlorophenol	0.0498	mg/kg	U	0.05	18		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	105-67-9	2,4-Dimethylphenol	0.0997	mg/kg	U	0.04	125		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	51-28-5	2,4-Dinitrophenol	0.249	mg/kg	UJ	0.061	12		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	121-14-2	2,4-Dinitrotoluene	0.249	mg/kg	UJ	1.6	1.6		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	606-20-2	2,6-Dinitrotoluene	0.249	mg/kg	U	0.3456	0.35		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	91-58-7	2-Chloronaphthalene	0.0498	mg/kg	U	461	461		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	95-57-8	2-Chlorophenol	0.0498	mg/kg	U	0.39	37		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	91-57-6	2-Methylnaphthalene	0.0498	mg/kg	U	23	23		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	95-48-7	2-Methylphenol	0.0498	mg/kg	U	0.67	307		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	88-74-4	2-Nitroaniline	0.249	mg/kg	U	5.3	60		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	88-75-5	2-Nitrophenol	0.0498	mg/kg	UJ	5.1	1824		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	91-94-1	3,3'-Dichlorobenzidine	2.49	mg/kg	UJ	0.03	1.2		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	99-09-2	3-Nitroaniline	0.249	mg/kg	U	0.02	60		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.249	mg/kg	UJ	0.49	0.49		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.0498	mg/kg	U				
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	59-50-7	4-Chloro-3-methylphenol	0.0498	mg/kg	U	605	605		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	106-47-8	4-Chloroaniline	0.249	mg/kg	UJ	1	2.6		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.0498	mg/kg	U				
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	106-44-5	4-Methylphenol	0.0498	mg/kg	U	0.08	125		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	100-01-6	4-Nitroaniline	0.249	mg/kg	U	0.02	24		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	100-02-7	4-Nitrophenol	0.249	mg/kg	U	5.1	1824		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	83-32-9	Acenaphthene	0.0498	mg/kg	U	29	346		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	208-96-8	Acenaphthylene	0.0498	mg/kg	U	1.9	1.9		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	62-53-3	Aniline	0.0498	mg/kg	U	42	42		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	120-12-7	Anthracene	0.0498	mg/kg	U	29	1728		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	56-55-3	Benzo(a)anthracene	0.0498	mg/kg	U	1.1	1.1		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	50-32-8	Benzo(a)pyrene	0.0498	mg/kg	U	0.11	0.11		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	205-99-2	Benzo(b)fluoranthene	0.0498	mg/kg	U	1.1	1.1		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	191-24-2	Benzo(g,h,i)perylene	0.0498	mg/kg	U	1.1	173		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	207-08-9	Benzo(k)fluoranthene	0.0498	mg/kg	U	1.1	11		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	65-85-0	Benzoic acid	0.307	mg/kg		1	24000		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	100-51-6	Benzyl alcohol	0.0498	mg/kg	U	120	605		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.0498	mg/kg	U	18	18		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.0498	mg/kg	U	0.22	0.22		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	0.0935	mg/kg	U	0.02	37		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.0498	mg/kg	U	298	298		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	85-68-7	Butyl benzylphthalate	0.0498	mg/kg	U	90	278		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	86-74-8	Carbazole	0.0498	mg/kg	UJ	7.5	7.5		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	218-01-9	Chrysene	0.0498	mg/kg	U	1.1	106		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	53-70-3	Dibenzo(a,h)anthracene	0.0498	mg/kg	U	0.1056	0.11		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	132-64-9	Dibenzofuran	0.0498	mg/kg	U	6.1	7.5		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	84-66-2	Diethyl phthalate	0.0498	mg/kg	U	100	4896		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	131-11-3	Dimethyl phthalate	0.0498	mg/kg	U	10	37		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	84-74-2	Di-n-butylphthalate	0.0498	mg/kg	U	0.011	605		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	117-84-0	Di-n-octylphthalate	0.0498	mg/kg	U	0.91	60		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	206-44-0	Fluoranthene	0.0498	mg/kg	U	1.1	230		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	86-73-7	Fluorene	0.0498	mg/kg	U	29	230		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	118-74-1	Hexachlorobenzene	0.0498	mg/kg	U	0.075	0.075		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	87-68-3	Hexachlorobutadiene	0.0498	mg/kg	U	0.009	1.2		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	77-47-4	Hexachlorocyclopentadiene	0.249	mg/kg	UJ	0.001	0.17		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	67-72-1	Hexachloroethane	0.0498	mg/kg	U	0.024	1.7		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0498	mg/kg	U	1.1	1.1		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	78-59-1	Isophorone	0.0498	mg/kg	U	547	547		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	91-20-3	Naphthalene	0.0498	mg/kg	U	1.9	1.9		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	98-95-3	Nitrobenzene	0.0498	mg/kg	U	2.2	4.9		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.0498	mg/kg	U	0.075	0.075		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	86-30-6	N-Nitrosodiphenylamine	0.0498	mg/kg	U	0.55	106		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	87-86-5	Pentachlorophenol	0.249	mg/kg	U	0.96	1		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	85-01-8	Phenanthrene	0.0498	mg/kg	U	29	1728		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	108-95-2	Phenol	0.0498	mg/kg	U	0.79	1824		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	8270	129-00-0	Pyrene	0.0498	mg/kg	UJ	1.1	173		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.1150878	mg/kg	U				
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.498	mg/kg	U	1.1			
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.299	mg/kg	U	29			
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	METALS	7440-38-2	Arsenic	2.93	mg/kg		0.43	0.43		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	METALS	7440-39-3	Barium	251	mg/kg		330	1440		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	METALS	7440-41-7	Beryllium	0.548	mg/kg		15	15		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	METALS	7440-43-9	Cadmium	0.387	mg/kg		0.36	0.68		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	METALS	7440-47-3	Chromium	25.3	mg/kg		0.29	0.29		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	METALS	7440-50-8	Copper	63	mg/kg	J	28	298		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	METALS	7439-89-6	Iron	56100	mg/kg		5280	5280		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	METALS	7439-92-1	Lead	5.85	mg/kg		11	192		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	METALS	7439-96-5	Manganese	458	mg/kg		173	173		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	METALS	7439-97-6	Mercury	0.1	mg/kg	U	0.013	1.1		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	METALS	7440-02-0	Nickel	23.5	mg/kg	J	38	134		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	METALS	7782-49-2	Selenium	1.08	mg/kg	J	0.52	37		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	METALS	7440-22-4	Silver	0.29	mg/kg	U	4.2	37		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	METALS	7440-28-0	Thallium	0.378	mg/kg		0.05	0.075		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	METALS	7440-66-6	Zinc	46.7	mg/kg		46	2208		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	NWTPH-Dx	TPH-D	Diesel Range Organics	25	mg/kg	U	260	1100		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	NWTPH-Dx	MOIL	Residual Range Organics	100	mg/kg	U	260	2800		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	20	mg/kg	U	120	1200		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	PCBS	12674-11-2	Aroclor-1016	0.05	mg/kg	UJ	0.041	0.1		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	PCBS	11104-28-2	Aroclor-1221	0.05	mg/kg	UJ	0.041	0.19		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	PCBS	11141-16-5	Aroclor-1232	0.05	mg/kg	UJ	0.041	0.16		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	PCBS	53469-21-9	Aroclor-1242	0.05	mg/kg	UJ	0.041	0.22		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	PCBS	12672-29-6	Aroclor-1248	0.05	mg/kg	UJ	0.041	0.22		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	PCBS	11097-69-1	Aroclor-1254	0.05	mg/kg	UJ	0.029	0.029		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	PCBS	11096-82-5	Aroclor-1260	0.05	mg/kg	UJ	0.041	0.23		
BIL13SSI	723683.165	7834846.284	4/13/2000	0 - 0.5	SO	N	000413BIL13SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.15	mg/kg	U	0.0073	0.23		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8081 Pest	72-54-8	4,4'-DDD	0.000214	mg/kg	U	0.021	2.2		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8081 Pest	72-55-9	4,4'-DDE	0.000253	mg/kg	U	0.021	1.8		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8081 Pest	50-29-3	4,4'-DDT	0.000285	mg/kg	U	0.021	1.8		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8081 Pest	309-00-2	Aldrin	0.000474	mg/kg	U	0.000085	0.031		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8081 Pest	319-84-6	alpha-BHC	0.000341	mg/kg	U	0.0096	0.083		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8081 Pest	319-85-7	beta-BHC	0.000465	mg/kg	U	0.0096	0.086		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8081 Pest	319-86-8	delta-BHC	0.000422	mg/kg	U	0.0096	0.083		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8081 Pest	60-57-1	Dieldrin	0.00036	mg/kg	U	0.0049	0.033		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8081 Pest	959-98-8	Endosulfan I	0.000468	mg/kg	U	0.64	45		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8081 Pest	33213-65-9	Endosulfan II	0.000425	mg/kg	U	0.64	45		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.0004	mg/kg	U	0.64	36		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8081 Pest	72-20-8	Endrin	0.000397	mg/kg	U	0.0014	1.8		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8081 Pest	7421-93-4	Endrin aldehyde	0.000448	mg/kg	U	0.0014	1.8		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8081 Pest	53494-70-5	Endrin ketone	0.000309	mg/kg	U	0.0014	1.8		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.00042	mg/kg	U	0.0096	0.49		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8081 Pest	76-44-8	Heptachlor	0.000378	mg/kg	U	0.0016	0.11		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.000401	mg/kg	U	0.00015	0.055		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8081 Pest	72-43-5	Methoxychlor	0.00151	mg/kg	U	5.1	31		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8081 Pest	12789-03-6	technical-Chlordane	0.00155	mg/kg	U	0.27	1.6		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8081 Pest	8001-35-2	Toxaphene	0.00689	mg/kg	U	0.47	0.47		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8082	12674-11-2	Aroclor-1016	0.0012	mg/kg	U	0.041	0.1		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8082	11104-28-2	Aroclor-1221	0.00513	mg/kg	U	0.041	0.19		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8082	11141-16-5	Aroclor-1232	0.0041	mg/kg	U	0.041	0.16		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8082	53469-21-9	Aroclor-1242	0.00219	mg/kg	U	0.041	0.22		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8082	12672-29-6	Aroclor-1248	0.00545	mg/kg	U	0.041	0.22		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8082	11097-69-1	Aroclor-1254	0.0017	mg/kg	U	0.029	0.029		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8082	11096-82-5	Aroclor-1260	0.015	mg/kg		0.041	0.23		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8151	93-76-5	2,4,5-T	0.00163	mg/kg	U	60	60		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8151	93-72-1	2,4,5-TP (Silvex)	0.00238	mg/kg	U	0.055	49		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8151	94-75-7	2,4-D	0.000614	mg/kg	U	67	67		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8151	94-82-6	2,4-DB	0.00104	mg/kg	U				
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.000793	mg/kg	U				
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8151	100-02-7	4-Nitrophenol	0.00165	mg/kg	U	5.1	1824		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8151	75-99-0	Dalapon	0.00227	mg/kg	U	182	182		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8151	1918-00-9	Dicamba	0.00181	mg/kg	U	182	182		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8151	88-85-7	Dinoseb	0.000614	mg/kg	U	0.015	6		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8151	94-74-6	MCPA	0.00112	mg/kg	U	3.1	3.1		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8151	93-65-2	MCPP	0.00204	mg/kg	U	6	6		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8151	87-86-5	Pentachlorophenol	0.000869	mg/kg	U	0.96	1		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.000212	mg/kg	U	0.07	1.9		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	71-55-6	1,1,1-Trichloroethane	0.000212	mg/kg	U	260	778		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.000212	mg/kg	U	0.13	0.58		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	79-00-5	1,1,2-Trichloroethane	0.000212	mg/kg	U	0.14	0.14		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	75-34-3	1,1-Dichloroethane	0.000212	mg/kg	U	3.5	3.5		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	75-35-4	1,1-Dichloroethene	0.000212	mg/kg	U	11	22		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	563-58-6	1,1-Dichloropropene	0.000212	mg/kg	U	0.001	1.7		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.000212	mg/kg	U	6	6		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	96-18-4	1,2,3-Trichloropropane	0.000212	mg/kg	U	0.0049	0.0049		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	120-82-1	1,2,4-Trichlorobenzene	0.000212	mg/kg	UJ	0.27	5.6		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.000212	mg/kg	U	0.09	29		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.000212	mg/kg	U	0.0051	0.0051		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.000212	mg/kg	U	0.035	0.035		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	95-50-1	1,2-Dichlorobenzene	0.000212	mg/kg	U	0.92	173		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	107-06-2	1,2-Dichloroethane	0.000212	mg/kg	U	0.44	0.44		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	78-87-5	1,2-Dichloropropane	0.000212	mg/kg	U	0.28	1.5		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.000212	mg/kg	U	0.16	26		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	541-73-1	1,3-Dichlorobenzene	0.000212	mg/kg	U	0.74	2.5		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	142-28-9	1,3-Dichloropropane	0.000212	mg/kg	U	0.28	154		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	106-46-7	1,4-Dichlorobenzene	0.000212	mg/kg	U	0.89	2.5		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	594-20-7	2,2-Dichloropropane	0.000212	mg/kg	U	0.28	1.5		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	95-49-8	2-Chlorotoluene	0.000212	mg/kg	U	154	154		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	591-78-6	2-Hexanone	0.00106	mg/kg	U	0.36	19		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	106-43-4	4-Chlorotoluene	0.000212	mg/kg	U	154	154		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	67-64-1	Acetone	0.00106	mg/kg	UJ	1.2	6720		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	71-43-2	Benzene	0.000212	mg/kg	U	1.2	1.2		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	108-86-1	Bromobenzene	0.000212	mg/kg	U	28	28		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	74-97-5	Bromochloromethane	0.000212	mg/kg	U	3.4	3.4		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	75-27-4	Bromodichloromethane	0.000212	mg/kg	U	0.28	0.28		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	75-25-2	Bromoform	0.000212	mg/kg	U	0.07	18		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	74-83-9	Bromomethane	0.000212	mg/kg	UJ	0.002	0.65		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	75-15-0	Carbon disulfide	0.000212	mg/kg	U	0.81	74		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	56-23-5	Carbon tetrachloride	0.000212	mg/kg	U	0.62	0.62		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	108-90-7	Chlorobenzene	0.000212	mg/kg	U	2.4	27		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	75-00-3	Chloroethane	0.000212	mg/kg	U	518	518		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	67-66-3	Chloroform	0.000212	mg/kg	U	0.31	0.31		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	74-87-3	Chloromethane	0.000212	mg/kg	U	11	11		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	156-59-2	cis-1,2-Dichloroethene	0.000212	mg/kg	U	6	6		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.000212	mg/kg	U	0.001	1.7		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	124-48-1	Dibromochloromethane	0.000212	mg/kg	U	3.7	3.7		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	74-95-3	Dibromomethane	0.000212	mg/kg	U	2.304	2.3		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	75-71-8	Dichlorodifluoromethane	0.000212	mg/kg	U	8.4	8.4		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	100-41-4	Ethylbenzene	0.000212	mg/kg	U	0.27	5.6		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	87-68-3	Hexachlorobutadiene	0.000212	mg/kg	U	0.009	1.2		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	98-82-8	Isopropylbenzene	0.000212	mg/kg	U	0.04	182		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	179601-23-1	m,p-Xylene	0.000424	mg/kg	U	1.4	53		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	78-93-3	MEK (2-Butanone)	0.00106	mg/kg	U	350	2592		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	75-09-2	Methylene chloride	0.000212	mg/kg	U	2.6	34		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	0.00106	mg/kg	U	9.7	3168		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	91-20-3	Naphthalene	0.000212	mg/kg	UJ	1.9	1.9		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	104-51-8	n-Butylbenzene	0.000212	mg/kg	U	374	374		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	103-65-1	n-Propylbenzene	0.000212	mg/kg	U	365	365		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	95-47-6	o-Xylene	0.000212	mg/kg	U	1.4	61		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	99-87-6	p-Cymene	0.000212	mg/kg	U	0.18	182		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	135-98-8	sec-Butylbenzene	0.000212	mg/kg	U	749	749		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	100-42-5	Styrene	0.000212	mg/kg	U	1.2	576		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	98-06-6	tert-Butylbenzene	0.000212	mg/kg	U	749	749		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	127-18-4	Tetrachloroethene	0.000605	mg/kg		0.18	7.8		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	108-88-3	Toluene	0.000269	mg/kg	J	23	470		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	156-60-5	trans-1,2-Dichloroethene	0.000212	mg/kg	U	6.7	6.7		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.000212	mg/kg	U	0.001	1.7		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	79-01-6	Trichloroethene	0.000212	mg/kg	U	0.39	0.39		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	75-69-4	Trichlorofluoromethane	0.000212	mg/kg	U	52	2208		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	108-05-4	Vinyl acetate	0.00106	mg/kg	UJ	87	87		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8260	75-01-4	Vinyl chloride	0.000212	mg/kg	U	0.057	0.057		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	95-95-4	2,4,5-Trichlorophenol	0.0244	mg/kg	U	4	605		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	88-06-2	2,4,6-Trichlorophenol	0.018	mg/kg	U	6	6		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	120-83-2	2,4-Dichlorophenol	0.0149	mg/kg	U	0.05	18		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	105-67-9	2,4-Dimethylphenol	0.0149	mg/kg	U	0.04	125		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	51-28-5	2,4-Dinitrophenol	0.0325	mg/kg	UJ	0.061	12		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	121-14-2	2,4-Dinitrotoluene	0.0176	mg/kg	U	1.6	1.6		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	606-20-2	2,6-Dinitrotoluene	0.0244	mg/kg	UJ	0.3456	0.35		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	91-58-7	2-Chloronaphthalene	0.0046	mg/kg	U	461	461		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	95-57-8	2-Chlorophenol	0.0203	mg/kg	U	0.39	37		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	91-57-6	2-Methylnaphthalene	0.00211	mg/kg	U	23	23		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	95-48-7	2-Methylphenol	0.0162	mg/kg	U	0.67	307		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	88-74-4	2-Nitroaniline	0.0176	mg/kg	U	5.3	60		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	88-75-5	2-Nitrophenol	0.019	mg/kg	U	5.1	1824		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	91-94-1	3,3'-Dichlorobenzidine	0.0149	mg/kg	UJ	0.03	1.2		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	99-09-2	3-Nitroaniline	0.023	mg/kg	UJ	0.02	60		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.0501	mg/kg	UJ	0.49	0.49		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.018	mg/kg	U				
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	59-50-7	4-Chloro-3-methylphenol	0.0149	mg/kg	U	605	605		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	106-47-8	4-Chloroaniline	0.0126	mg/kg	U	1	2.6		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.0227	mg/kg	U				
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	106-44-5	4-Methylphenol	0.02	mg/kg	U	0.08	125		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	100-01-6	4-Nitroaniline	0.023	mg/kg	UJ	0.02	24		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	83-32-9	Acenaphthene	0.023	mg/kg		29	346		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	208-96-8	Acenaphthylene	0.0059	mg/kg	U	1.9	1.9		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	62-53-3	Aniline	0.0366	mg/kg	U	42	42		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	120-12-7	Anthracene	0.0623	mg/kg		29	1728		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	92-87-5	Benzidine	0.0256	mg/kg	UJ	0.00051	0.00051		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	56-55-3	Benzo(a)anthracene	0.418	mg/kg		1.1	1.1		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	50-32-8	Benzo(a)pyrene	0.533	mg/kg		0.11	0.11		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	191-24-2	Benzo(g,h,i)perylene	0.318	mg/kg		1.1	173		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	56832-73-6	Benzofluoranthenes, Total	0.839	mg/kg					
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	65-85-0	Benzoic acid	0.046	mg/kg	U	1	24000		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	100-51-6	Benzyl alcohol	0.0284	mg/kg	UJ	120	605		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.0162	mg/kg	U	18	18		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.0259	mg/kg	U	0.22	0.22		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	0.237	mg/kg	J	0.02	37		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.0352	mg/kg	U	298	298		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	85-68-7	Butyl benzylphthalate	0.0257	mg/kg	U	90	278		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	86-74-8	Carbazole	0.00528	mg/kg	U	7.5	7.5		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	218-01-9	Chrysene	0.437	mg/kg		1.1	106		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	53-70-3	Dibenzo(a,h)anthracene	0.0528	mg/kg		0.1056	0.11		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	132-64-9	Dibenzofuran	0.0157	mg/kg	U	6.1	7.5		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	84-66-2	Diethyl phthalate	0.023	mg/kg	U	100	4896		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	131-11-3	Dimethyl phthalate	0.0149	mg/kg	U	10	37		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	84-74-2	Di-n-butylphthalate	0.118	mg/kg	UJ	0.011	605		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	117-84-0	Di-n-octylphthalate	0.0352	mg/kg	UJ	0.91	60		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	206-44-0	Fluoranthene	1.1	mg/kg		1.1	230		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	86-73-7	Fluorene	0.0176	mg/kg		29	230		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	118-74-1	Hexachlorobenzene	0.0149	mg/kg	U	0.075	0.075		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	77-47-4	Hexachlorocyclopentadiene	0.0191	mg/kg	U	0.001	0.17		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	67-72-1	Hexachloroethane	0.0257	mg/kg	U	0.024	1.7		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	0.382	mg/kg		1.1	1.1		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	78-59-1	Isophorone	0.019	mg/kg	U	547	547		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	98-95-3	Nitrobenzene	0.0185	mg/kg	U	2.2	4.9		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	62-75-9	N-Nitrosodimethylamine	0.0108	mg/kg	UJ	0.0019	0.0019		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.0149	mg/kg	U	0.075	0.075		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	86-30-6	N-Nitrosodiphenylamine	0.0149	mg/kg	U	0.55	106		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	85-01-8	Phenanthrene	0.194	mg/kg		29	1728		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	108-95-2	Phenol	0.0271	mg/kg	U	0.79	1824		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	8270	129-00-0	Pyrene	1.22	mg/kg		1.1	173		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.666237	mg/kg					
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	4.4608	mg/kg		1.1			
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.3087	mg/kg		29			
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	Krone	1002-53-5	Dibutyltin	0.000657	mg/kg	U	1.8	1.8		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	Krone	78763-54-9	Monobutyltin	0.00145	mg/kg	U	2.2	2.2		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	Krone	1461-25-2	Tetrabutyltin	0.000507	mg/kg	U	2.2	2.2		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	Krone	688-73-3	Tributyltin	0.00105	mg/kg	U	2.2	2.2		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7429-90-5	Aluminum	13200	mg/kg		50	7392		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7440-36-0	Antimony	0.984	mg/kg		0.27	3		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7440-38-2	Arsenic	2.58	mg/kg		0.43	0.43		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7440-39-3	Barium	77.8	mg/kg	J	330	1440		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7440-41-7	Beryllium	0.167	mg/kg	U	15	15		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7440-43-9	Cadmium	1.97	mg/kg		0.36	0.68		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7440-70-2	Calcium	4240	mg/kg					
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7440-47-3	Chromium	28.1	mg/kg		0.29	0.29		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7440-48-4	Cobalt	15.3	mg/kg		2.2	2.2		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7440-50-8	Copper	27.4	mg/kg	J	28	298		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7439-89-6	Iron	29800	mg/kg		5280	5280		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7439-92-1	Lead	57.6	mg/kg	J	11	192		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7439-95-4	Magnesium	6010	mg/kg					
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7439-96-5	Manganese	388	mg/kg	J	173	173		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7439-97-6	Mercury	0.015	mg/kg	J	0.013	1.1		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7440-02-0	Nickel	34.4	mg/kg	J	38	134		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7440-09-7	Potassium	703	mg/kg					
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7782-49-2	Selenium	0.0797	mg/kg	U	0.52	37		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7440-22-4	Silver	0.353	mg/kg	J	4.2	37		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7440-23-5	Sodium	150	mg/kg	U				
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7440-28-0	Thallium	0.0994	mg/kg	J	0.05	0.075		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7440-62-2	Vanadium	84	mg/kg		7.8	37		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	METALS	7440-66-6	Zinc	162	mg/kg	J	46	2208		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	NWTPH-Dx	TPH-D	Diesel Range Organics	13.2	mg/kg	U	260	1100		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	NWTPH-Dx	MOIL	Residual Range Organics	31.1	mg/kg	J	260	2800		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.39	mg/kg	U	120	1200		
BIL14	723628.59	7834819.592	10/16/2001	6 - 6	SO	N	011016BIL14SS	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0222	mg/kg		0.0073	0.23		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8081 Pest	72-54-8	4,4'-DDD	0.00217	mg/kg	U	0.021	2.2		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8081 Pest	72-55-9	4,4'-DDE	0.00217	mg/kg	U	0.021	1.8		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8081 Pest	50-29-3	4,4'-DDT	0.00217	mg/kg	U	0.021	1.8		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8081 Pest	309-00-2	Aldrin	0.00109	mg/kg	U	0.000085	0.031		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8081 Pest	319-84-6	alpha-BHC	0.00109	mg/kg	U	0.0096	0.083		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8081 Pest	319-85-7	beta-BHC	0.00109	mg/kg	U	0.0096	0.086		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8081 Pest	319-86-8	delta-BHC	0.00109	mg/kg	U	0.0096	0.083		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8081 Pest	60-57-1	Dieldrin	0.00217	mg/kg	U	0.0049	0.033		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8081 Pest	959-98-8	Endosulfan I	0.00109	mg/kg	U	0.64	45		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8081 Pest	33213-65-9	Endosulfan II	0.00217	mg/kg	U	0.64	45		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.00217	mg/kg	U	0.64	36		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8081 Pest	72-20-8	Endrin	0.00217	mg/kg	U	0.0014	1.8		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8081 Pest	7421-93-4	Endrin aldehyde	0.00217	mg/kg	U	0.0014	1.8		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8081 Pest	53494-70-5	Endrin ketone	0.00217	mg/kg	U	0.0014	1.8		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.00109	mg/kg	U	0.0096	0.49		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8081 Pest	76-44-8	Heptachlor	0.00109	mg/kg	U	0.0016	0.11		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.00109	mg/kg	U	0.00015	0.055		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8081 Pest	72-43-5	Methoxychlor	0.0109	mg/kg	U	5.1	31		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8081 Pest	12789-03-6	technical-Chlordane	0.0109	mg/kg	U	0.27	1.6		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8081 Pest	8001-35-2	Toxaphene	0.109	mg/kg	U	0.47	0.47		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8082	12674-11-2	Aroclor-1016	0.00121	mg/kg	U	0.041	0.1		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8082	11104-28-2	Aroclor-1221	0.00516	mg/kg	U	0.041	0.19		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8082	11141-16-5	Aroclor-1232	0.00412	mg/kg	U	0.041	0.16		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8082	53469-21-9	Aroclor-1242	0.0022	mg/kg	U	0.041	0.22		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8082	12672-29-6	Aroclor-1248	0.00548	mg/kg	U	0.041	0.22		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8082	11097-69-1	Aroclor-1254	0.00171	mg/kg	U	0.029	0.029		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8082	11096-82-5	Aroclor-1260	0.0524	mg/kg		0.041	0.23		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8151	93-76-5	2,4,5-T	0.00155	mg/kg	U	60	60		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8151	93-72-1	2,4,5-TP (Silvex)	0.00227	mg/kg	U	0.055	49		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8151	94-75-7	2,4-D	0.000585	mg/kg	U	67	67		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8151	94-82-6	2,4-DB	0.000994	mg/kg	U				
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.000755	mg/kg	U				
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8151	100-02-7	4-Nitrophenol	0.00157	mg/kg	U	5.1	1824		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8151	75-99-0	Dalapon	0.00216	mg/kg	U	182	182		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8151	1918-00-9	Dicamba	0.00172	mg/kg	U	182	182		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8151	88-85-7	Dinoseb	0.000585	mg/kg	U	0.015	6		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8151	94-74-6	MCPA	0.00107	mg/kg	U	3.1	3.1		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8151	93-65-2	MCPP	0.00194	mg/kg	U	6	6		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8151	87-86-5	Pentachlorophenol	0.000827	mg/kg	U	0.96	1		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.000192	mg/kg	U	0.07	1.9		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	71-55-6	1,1,1-Trichloroethane	0.000192	mg/kg	U	260	778		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.000192	mg/kg	U	0.13	0.58		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	79-00-5	1,1,2-Trichloroethane	0.000192	mg/kg	U	0.14	0.14		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	75-34-3	1,1-Dichloroethane	0.000192	mg/kg	U	3.5	3.5		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	75-35-4	1,1-Dichloroethene	0.000192	mg/kg	U	11	22		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	563-58-6	1,1-Dichloropropene	0.000192	mg/kg	U	0.001	1.7		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.000192	mg/kg	U	6	6		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	96-18-4	1,2,3-Trichloropropane	0.000192	mg/kg	U	0.0049	0.0049		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	120-82-1	1,2,4-Trichlorobenzene	0.000192	mg/kg	UJ	0.27	5.6		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.000192	mg/kg	U	0.09	29		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.000192	mg/kg	U	0.0051	0.0051		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.000192	mg/kg	U	0.035	0.035		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	95-50-1	1,2-Dichlorobenzene	0.000192	mg/kg	U	0.92	173		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	107-06-2	1,2-Dichloroethane	0.000192	mg/kg	U	0.44	0.44		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	78-87-5	1,2-Dichloropropane	0.000192	mg/kg	U	0.28	1.5		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.000192	mg/kg	U	0.16	26		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	541-73-1	1,3-Dichlorobenzene	0.000192	mg/kg	U	0.74	2.5		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	142-28-9	1,3-Dichloropropane	0.000192	mg/kg	U	0.28	154		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	106-46-7	1,4-Dichlorobenzene	0.000192	mg/kg	U	0.89	2.5		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	594-20-7	2,2-Dichloropropane	0.000192	mg/kg	U	0.28	1.5		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	95-49-8	2-Chlorotoluene	0.000192	mg/kg	U	154	154		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	591-78-6	2-Hexanone	0.000958	mg/kg	U	0.36	19		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	106-43-4	4-Chlorotoluene	0.000192	mg/kg	U	154	154		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	67-64-1	Acetone	0.000958	mg/kg	UJ	1.2	6720		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	71-43-2	Benzene	0.000192	mg/kg	U	1.2	1.2		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	108-86-1	Bromobenzene	0.000192	mg/kg	U	28	28		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	74-97-5	Bromochloromethane	0.000192	mg/kg	U	3.4	3.4		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	75-27-4	Bromodichloromethane	0.000192	mg/kg	U	0.28	0.28		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	75-25-2	Bromoform	0.000192	mg/kg	U	0.07	18		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	74-83-9	Bromomethane	0.000192	mg/kg	UJ	0.002	0.65		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	75-15-0	Carbon disulfide	0.000192	mg/kg	U	0.81	74		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	56-23-5	Carbon tetrachloride	0.000192	mg/kg	U	0.62	0.62		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	108-90-7	Chlorobenzene	0.000192	mg/kg	U	2.4	27		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	75-00-3	Chloroethane	0.000192	mg/kg	U	518	518		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	67-66-3	Chloroform	0.000192	mg/kg	U	0.31	0.31		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	74-87-3	Chloromethane	0.000192	mg/kg	U	11	11		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	156-59-2	cis-1,2-Dichloroethene	0.000192	mg/kg	U	6	6		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.000192	mg/kg	U	0.001	1.7		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	124-48-1	Dibromochloromethane	0.000192	mg/kg	U	3.7	3.7		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	74-95-3	Dibromomethane	0.000192	mg/kg	U	2.304	2.3		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	75-71-8	Dichlorodifluoromethane	0.000221	mg/kg	J	8.4	8.4		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	100-41-4	Ethylbenzene	0.000192	mg/kg	U	0.27	5.6		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	87-68-3	Hexachlorobutadiene	0.000192	mg/kg	U	0.009	1.2		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	98-82-8	Isopropylbenzene	0.000192	mg/kg	U	0.04	182		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	179601-23-1	m,p-Xylene	0.000552	mg/kg	J	1.4	53		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	78-93-3	MEK (2-Butanone)	0.000958	mg/kg	U	350	2592		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	75-09-2	Methylene chloride	0.000192	mg/kg	U	2.6	34		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	0.000958	mg/kg	U	9.7	3168		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	91-20-3	Naphthalene	0.000192	mg/kg	UJ	1.9	1.9		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	104-51-8	n-Butylbenzene	0.000192	mg/kg	U	374	374		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	103-65-1	n-Propylbenzene	0.000192	mg/kg	U	365	365		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	95-47-6	o-Xylene	0.000368	mg/kg	J	1.4	61		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	99-87-6	p-Cymene	0.000192	mg/kg	U	0.18	182		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	135-98-8	sec-Butylbenzene	0.000192	mg/kg	U	749	749		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	100-42-5	Styrene	0.000192	mg/kg	U	1.2	576		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	98-06-6	tert-Butylbenzene	0.000192	mg/kg	U	749	749		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	127-18-4	Tetrachloroethene	0.000668	mg/kg		0.18	7.8		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	108-88-3	Toluene	0.000352	mg/kg	J	23	470		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	156-60-5	trans-1,2-Dichloroethene	0.000192	mg/kg	U	6.7	6.7		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.000192	mg/kg	U	0.001	1.7		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	79-01-6	Trichloroethene	0.000192	mg/kg	U	0.39	0.39		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	75-69-4	Trichlorofluoromethane	0.000192	mg/kg	U	52	2208		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	108-05-4	Vinyl acetate	0.000958	mg/kg	UJ	87	87		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8260	75-01-4	Vinyl chloride	0.000192	mg/kg	U	0.057	0.057		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	95-95-4	2,4,5-Trichlorophenol	0.026	mg/kg	U	4	605		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	88-06-2	2,4,6-Trichlorophenol	0.0192	mg/kg	U	6	6		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	120-83-2	2,4-Dichlorophenol	0.0159	mg/kg	U	0.05	18		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	105-67-9	2,4-Dimethylphenol	0.0159	mg/kg	U	0.04	125		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	51-28-5	2,4-Dinitrophenol	0.0347	mg/kg	UJ	0.061	12		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	121-14-2	2,4-Dinitrotoluene	0.0188	mg/kg	U	1.6	1.6		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	606-20-2	2,6-Dinitrotoluene	0.026	mg/kg	UJ	0.3456	0.35		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	91-58-7	2-Chloronaphthalene	0.00434	mg/kg	U	461	461		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	95-57-8	2-Chlorophenol	0.0217	mg/kg	U	0.39	37		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	91-57-6	2-Methylnaphthalene	0.00226	mg/kg	U	23	23		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	95-48-7	2-Methylphenol	0.0174	mg/kg	U	0.67	307		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	88-74-4	2-Nitroaniline	0.0188	mg/kg	U	5.3	60		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	88-75-5	2-Nitrophenol	0.0203	mg/kg	U	5.1	1824		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	91-94-1	3,3'-Dichlorobenzidine	0.0159	mg/kg	UJ	0.03	1.2		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	99-09-2	3-Nitroaniline	0.0246	mg/kg	UJ	0.02	60		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.0246	mg/kg	UJ	0.49	0.49		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.0192	mg/kg	U				
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	59-50-7	4-Chloro-3-methylphenol	0.0159	mg/kg	U	605	605		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	106-47-8	4-Chloroaniline	0.0135	mg/kg	U	1	2.6		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.0243	mg/kg	U				
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	106-44-5	4-Methylphenol	0.0214	mg/kg	U	0.08	125		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	100-01-6	4-Nitroaniline	0.0246	mg/kg	UJ	0.02	24		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	83-32-9	Acenaphthene	0.113	mg/kg		29	346		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	208-96-8	Acenaphthylene	0.0275	mg/kg		1.9	1.9		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	62-53-3	Aniline	0.0391	mg/kg	U	42	42		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	120-12-7	Anthracene	0.307	mg/kg		29	1728		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	92-87-5	Benzidine	0.0273	mg/kg	UJ	0.00051	0.00051		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	56-55-3	Benzo(a)anthracene	3.02	mg/kg		1.1	1.1		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	50-32-8	Benzo(a)pyrene	3.16	mg/kg		0.11	0.11		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	191-24-2	Benzo(g,h,i)perylene	1.85	mg/kg		1.1	173		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	56832-73-6	Benzofluoranthenes, Total	5.37	mg/kg					
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	65-85-0	Benzoic acid	0.0492	mg/kg	U	1	24000		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	100-51-6	Benzyl alcohol	0.0304	mg/kg	UJ	120	605		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.0174	mg/kg	U	18	18		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.0276	mg/kg	U	0.22	0.22		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	1.17	mg/kg		0.02	37		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.0376	mg/kg	U	298	298		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	85-68-7	Butyl benzylphthalate	0.0275	mg/kg	U	90	278		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	86-74-8	Carbazole	0.205	mg/kg		7.5	7.5		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	218-01-9	Chrysene	2.99	mg/kg		1.1	106		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	53-70-3	Dibenzo(a,h)anthracene	0.324	mg/kg		0.1056	0.11		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	132-64-9	Dibenzofuran	0.0217	mg/kg	J	6.1	7.5		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	84-66-2	Diethyl phthalate	0.0243	mg/kg	U	100	4896		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	131-11-3	Dimethyl phthalate	0.0159	mg/kg	U	10	37		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	84-74-2	Di-n-butylphthalate	0.126	mg/kg	UJ	0.011	605		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	117-84-0	Di-n-octylphthalate	0.0376	mg/kg	UJ	0.91	60		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	206-44-0	Fluoranthene	6.83	mg/kg		1.1	230		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	86-73-7	Fluorene	0.0897	mg/kg		29	230		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	118-74-1	Hexachlorobenzene	0.0159	mg/kg	U	0.075	0.075		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	77-47-4	Hexachlorocyclopentadiene	0.0204	mg/kg	U	0.001	0.17		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	67-72-1	Hexachloroethane	0.0275	mg/kg	U	0.024	1.7		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	2.14	mg/kg		1.1	1.1		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	78-59-1	Isophorone	0.0203	mg/kg	U	547	547		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	98-95-3	Nitrobenzene	0.0198	mg/kg	U	2.2	4.9		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	62-75-9	N-Nitrosodimethylamine	0.0159	mg/kg	UJ	0.0019	0.0019		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.0159	mg/kg	U	0.075	0.075		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	86-30-6	N-Nitrosodiphenylamine	0.0116	mg/kg	U	0.55	106		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	85-01-8	Phenanthrene	1.24	mg/kg		29	1728		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	108-95-2	Phenol	0.0289	mg/kg	U	0.79	1824		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	8270	129-00-0	Pyrene	7.67	mg/kg		1.1	173		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	4.00299	mg/kg					
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	27.984	mg/kg		1.1			
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	1.78397	mg/kg		29			
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	Krone	1002-53-5	Dibutyltin	0.000691	mg/kg	U	1.8	1.8		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	Krone	78763-54-9	Monobutyltin	0.00152	mg/kg	U	2.2	2.2		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	Krone	1461-25-2	Tetrabutyltin	0.000534	mg/kg	U	2.2	2.2		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	Krone	688-73-3	Tributyltin	0.0011	mg/kg	U	2.2	2.2		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7429-90-5	Aluminum	11000	mg/kg		50	7392		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7440-36-0	Antimony	0.621	mg/kg		0.27	3		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7440-38-2	Arsenic	1.82	mg/kg		0.43	0.43		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7440-39-3	Barium	85.4	mg/kg	J	330	1440		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7440-41-7	Beryllium	0.162	mg/kg	U	15	15		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7440-43-9	Cadmium	1.86	mg/kg		0.36	0.68		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7440-70-2	Calcium	4700	mg/kg					
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7440-47-3	Chromium	28.2	mg/kg		0.29	0.29		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7440-48-4	Cobalt	18.9	mg/kg		2.2	2.2		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7440-50-8	Copper	28.7	mg/kg	J	28	298		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7439-89-6	Iron	33000	mg/kg		5280	5280		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7439-92-1	Lead	412	mg/kg	J	11	192		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7439-95-4	Magnesium	5260	mg/kg					
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7439-96-5	Manganese	635	mg/kg	J	173	173		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7439-97-6	Mercury	0.021	mg/kg		0.013	1.1		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7440-02-0	Nickel	38.3	mg/kg	J	38	134		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7440-09-7	Potassium	441	mg/kg					
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7782-49-2	Selenium	0.0774	mg/kg	U	0.52	37		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7440-22-4	Silver	0.545	mg/kg		4.2	37		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7440-23-5	Sodium	145	mg/kg	U				
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7440-28-0	Thallium	0.0892	mg/kg	J	0.05	0.075		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7440-62-2	Vanadium	93.4	mg/kg		7.8	37		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	METALS	7440-66-6	Zinc	218	mg/kg	J	46	2208		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	NWTPH-Dx	TPH-D	Diesel Range Organics	39.2	mg/kg		260	1100		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	NWTPH-Dx	MOIL	Residual Range Organics	176	mg/kg		260	2800		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.08	mg/kg	U	120	1200		
BIL15	723635.345	7834838.478	10/16/2001	8 - 8	SO	N	011016BIL15SS	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.596	mg/kg		0.0073	0.23		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8081 Pest	72-54-8	4,4'-DDD	0.00229	mg/kg	U	0.021	2.2		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8081 Pest	72-55-9	4,4'-DDE	0.00229	mg/kg	U	0.021	1.8		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8081 Pest	50-29-3	4,4'-DDT	0.00229	mg/kg	U	0.021	1.8		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8081 Pest	309-00-2	Aldrin	0.00114	mg/kg	U	0.000085	0.031		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8081 Pest	319-84-6	alpha-BHC	0.00114	mg/kg	U	0.0096	0.083		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8081 Pest	319-85-7	beta-BHC	0.00114	mg/kg	U	0.0096	0.086		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8081 Pest	319-86-8	delta-BHC	0.00114	mg/kg	U	0.0096	0.083		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8081 Pest	60-57-1	Dieldrin	0.00229	mg/kg	U	0.0049	0.033		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8081 Pest	959-98-8	Endosulfan I	0.00114	mg/kg	U	0.64	45		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8081 Pest	33213-65-9	Endosulfan II	0.00229	mg/kg	U	0.64	45		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.00229	mg/kg	U	0.64	36		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8081 Pest	72-20-8	Endrin	0.00229	mg/kg	U	0.0014	1.8		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8081 Pest	7421-93-4	Endrin aldehyde	0.00229	mg/kg	U	0.0014	1.8		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8081 Pest	53494-70-5	Endrin ketone	0.00229	mg/kg	U	0.0014	1.8		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.00114	mg/kg	U	0.0096	0.49		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8081 Pest	76-44-8	Heptachlor	0.00114	mg/kg	U	0.0016	0.11		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.00114	mg/kg	U	0.00015	0.055		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8081 Pest	72-43-5	Methoxychlor	0.0114	mg/kg	U	5.1	31		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8081 Pest	12789-03-6	technical-Chlordane	0.0536	mg/kg	J	0.27	1.6		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8081 Pest	8001-35-2	Toxaphene	0.114	mg/kg	U	0.47	0.47		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8082	12674-11-2	Aroclor-1016	0.00116	mg/kg	U	0.041	0.1		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8082	11104-28-2	Aroclor-1221	0.00497	mg/kg	U	0.041	0.19		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8082	11141-16-5	Aroclor-1232	0.00397	mg/kg	U	0.041	0.16		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8082	53469-21-9	Aroclor-1242	0.00212	mg/kg	U	0.041	0.22		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8082	12672-29-6	Aroclor-1248	0.00527	mg/kg	U	0.041	0.22		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8082	11097-69-1	Aroclor-1254	0.00165	mg/kg	U	0.029	0.029		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8082	11096-82-5	Aroclor-1260	0.445	mg/kg		0.041	0.23		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8151	93-76-5	2,4,5-T	0.00166	mg/kg	U	60	60		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8151	93-72-1	2,4,5-TP (Silvex)	0.00243	mg/kg	U	0.055	49		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8151	94-75-7	2,4-D	0.000627	mg/kg	U	67	67		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8151	94-82-6	2,4-DB	0.00107	mg/kg	U				
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.00081	mg/kg	U				
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8151	100-02-7	4-Nitrophenol	0.00168	mg/kg	U	5.1	1824		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8151	75-99-0	Dalapon	0.00232	mg/kg	U	182	182		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8151	1918-00-9	Dicamba	0.00185	mg/kg	U	182	182		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8151	88-85-7	Dinoseb	0.000627	mg/kg	U	0.015	6		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8151	94-74-6	MCPA	0.00115	mg/kg	U	3.1	3.1		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8151	93-65-2	MCPP	0.00208	mg/kg	U	6	6		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8151	87-86-5	Pentachlorophenol	0.000887	mg/kg	U	0.96	1		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.000208	mg/kg	U	0.07	1.9		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	71-55-6	1,1,1-Trichloroethane	0.000208	mg/kg	U	260	778		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.000208	mg/kg	U	0.13	0.58		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	79-00-5	1,1,2-Trichloroethane	0.000208	mg/kg	U	0.14	0.14		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	75-34-3	1,1-Dichloroethane	0.000208	mg/kg	U	3.5	3.5		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	75-35-4	1,1-Dichloroethene	0.000208	mg/kg	U	11	22		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	563-58-6	1,1-Dichloropropene	0.000208	mg/kg	U	0.001	1.7		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.000208	mg/kg	U	6	6		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	96-18-4	1,2,3-Trichloropropane	0.000208	mg/kg	U	0.0049	0.0049		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	120-82-1	1,2,4-Trichlorobenzene	0.000208	mg/kg	UJ	0.27	5.6		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.000208	mg/kg	U	0.09	29		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.000208	mg/kg	U	0.0051	0.0051		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.000208	mg/kg	U	0.035	0.035		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	95-50-1	1,2-Dichlorobenzene	0.000208	mg/kg	U	0.92	173		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	107-06-2	1,2-Dichloroethane	0.000208	mg/kg	U	0.44	0.44		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	78-87-5	1,2-Dichloropropane	0.000208	mg/kg	U	0.28	1.5		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.000208	mg/kg	U	0.16	26		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	541-73-1	1,3-Dichlorobenzene	0.000208	mg/kg	U	0.74	2.5		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	142-28-9	1,3-Dichloropropane	0.000208	mg/kg	U	0.28	154		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	106-46-7	1,4-Dichlorobenzene	0.000208	mg/kg	U	0.89	2.5		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	594-20-7	2,2-Dichloropropane	0.000208	mg/kg	U	0.28	1.5		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	95-49-8	2-Chlorotoluene	0.000208	mg/kg	U	154	154		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	591-78-6	2-Hexanone	0.00104	mg/kg	U	0.36	19		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	106-43-4	4-Chlorotoluene	0.000208	mg/kg	U	154	154		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	67-64-1	Acetone	0.00104	mg/kg	UJ	1.2	6720		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	71-43-2	Benzene	0.000208	mg/kg	U	1.2	1.2		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	108-86-1	Bromobenzene	0.000208	mg/kg	U	28	28		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	74-97-5	Bromochloromethane	0.000208	mg/kg	U	3.4	3.4		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	75-27-4	Bromodichloromethane	0.000208	mg/kg	U	0.28	0.28		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	75-25-2	Bromoform	0.000208	mg/kg	U	0.07	18		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	74-83-9	Bromomethane	0.000208	mg/kg	UJ	0.002	0.65		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	75-15-0	Carbon disulfide	0.000208	mg/kg	U	0.81	74		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	56-23-5	Carbon tetrachloride	0.000208	mg/kg	U	0.62	0.62		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	108-90-7	Chlorobenzene	0.000208	mg/kg	U	2.4	27		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	75-00-3	Chloroethane	0.000208	mg/kg	U	518	518		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	67-66-3	Chloroform	0.000208	mg/kg	U	0.31	0.31		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	74-87-3	Chloromethane	0.000208	mg/kg	U	11	11		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	156-59-2	cis-1,2-Dichloroethene	0.000208	mg/kg	U	6	6		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.000208	mg/kg	U	0.001	1.7		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	124-48-1	Dibromochloromethane	0.000208	mg/kg	U	3.7	3.7		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	74-95-3	Dibromomethane	0.000208	mg/kg	U	2.304	2.3		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	75-71-8	Dichlorodifluoromethane	0.000208	mg/kg	U	8.4	8.4		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	100-41-4	Ethylbenzene	0.000208	mg/kg	U	0.27	5.6		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	87-68-3	Hexachlorobutadiene	0.000208	mg/kg	U	0.009	1.2		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	98-82-8	Isopropylbenzene	0.000208	mg/kg	U	0.04	182		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	179601-23-1	m,p-Xylene	0.000416	mg/kg	U	1.4	53		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	78-93-3	MEK (2-Butanone)	0.00104	mg/kg	U	350	2592		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	75-09-2	Methylene chloride	0.000208	mg/kg	U	2.6	34		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	0.00104	mg/kg	U	9.7	3168		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	104-51-8	n-Butylbenzene	0.000208	mg/kg	U	374	374		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	103-65-1	n-Propylbenzene	0.000208	mg/kg	U	365	365		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	95-47-6	o-Xylene	0.000208	mg/kg	U	1.4	61		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	99-87-6	p-Cymene	0.000457	mg/kg		0.18	182		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	135-98-8	sec-Butylbenzene	0.000208	mg/kg	U	749	749		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	100-42-5	Styrene	0.000208	mg/kg	U	1.2	576		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	98-06-6	tert-Butylbenzene	0.000208	mg/kg	U	749	749		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	127-18-4	Tetrachloroethene	0.00519	mg/kg		0.18	7.8		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	108-88-3	Toluene	0.000208	mg/kg	U	23	470		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	156-60-5	trans-1,2-Dichloroethene	0.000208	mg/kg	U	6.7	6.7		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.000208	mg/kg	U	0.001	1.7		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	79-01-6	Trichloroethene	0.000208	mg/kg	U	0.39	0.39		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	75-69-4	Trichlorofluoromethane	0.000208	mg/kg	U	52	2208		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	108-05-4	Vinyl acetate	0.00104	mg/kg	UJ	87	87		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8260	75-01-4	Vinyl chloride	0.000208	mg/kg	U	0.057	0.057		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	95-95-4	2,4,5-Trichlorophenol	0.0268	mg/kg	U	4	605		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	88-06-2	2,4,6-Trichlorophenol	0.0198	mg/kg	U	6	6		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	120-83-2	2,4-Dichlorophenol	0.0164	mg/kg	U	0.05	18		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	105-67-9	2,4-Dimethylphenol	0.0164	mg/kg	U	0.04	125		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	51-28-5	2,4-Dinitrophenol	0.0358	mg/kg	UJ	0.061	12		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	121-14-2	2,4-Dinitrotoluene	0.0194	mg/kg	U	1.6	1.6		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	606-20-2	2,6-Dinitrotoluene	0.0268	mg/kg	UJ	0.3456	0.35		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	91-58-7	2-Chloronaphthalene	0.00447	mg/kg	U	461	461		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	95-57-8	2-Chlorophenol	0.0223	mg/kg	U	0.39	37		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	91-57-6	2-Methylnaphthalene	0.0283	mg/kg		23	23		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	95-48-7	2-Methylphenol	0.0179	mg/kg	U	0.67	307		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	88-74-4	2-Nitroaniline	0.0194	mg/kg	U	5.3	60		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	88-75-5	2-Nitrophenol	0.0209	mg/kg	U	5.1	1824		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	91-94-1	3,3'-Dichlorobenzidine	0.0164	mg/kg	UJ	0.03	1.2		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	99-09-2	3-Nitroaniline	0.0253	mg/kg	UJ	0.02	60		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.0551	mg/kg	UJ	0.49	0.49		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.0198	mg/kg	U				
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	59-50-7	4-Chloro-3-methylphenol	0.0164	mg/kg	U	605	605		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	106-47-8	4-Chloroaniline	0.0139	mg/kg	U	1	2.6		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.025	mg/kg	U				
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	106-44-5	4-Methylphenol	0.022	mg/kg	U	0.08	125		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	100-01-6	4-Nitroaniline	0.0253	mg/kg	UJ	0.02	24		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	83-32-9	Acenaphthene	0.0879	mg/kg		29	346		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	208-96-8	Acenaphthylene	0.0358	mg/kg		1.9	1.9		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	62-53-3	Aniline	0.0402	mg/kg	U	42	42		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	120-12-7	Anthracene	0.295	mg/kg		29	1728		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	92-87-5	Benzidine	0.0282	mg/kg	UJ	0.00051	0.00051		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	56-55-3	Benzo(a)anthracene	4.59	mg/kg		1.1	1.1		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	50-32-8	Benzo(a)pyrene	3.31	mg/kg		0.11	0.11		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	191-24-2	Benzo(g,h,i)perylene	1.78	mg/kg		1.1	173		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	56832-73-6	Benzofluoranthenes, Total	7.94	mg/kg					
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	65-85-0	Benzoic acid	0.0506	mg/kg	U	1	24000		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	100-51-6	Benzyl alcohol	0.0313	mg/kg	UJ	120	605		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.0179	mg/kg	U	18	18		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.0285	mg/kg	U	0.22	0.22		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	1.16	mg/kg		0.02	37		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.0387	mg/kg	U	298	298		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	85-68-7	Butyl benzylphthalate	0.152	mg/kg		90	278		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	86-74-8	Carbazole	0.128	mg/kg		7.5	7.5		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	218-01-9	Chrysene	3.38	mg/kg		1.1	106		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	53-70-3	Dibenzo(a,h)anthracene	0.28	mg/kg		0.1056	0.11		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	132-64-9	Dibenzofuran	0.0209	mg/kg	J	6.1	7.5		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	84-66-2	Diethyl phthalate	0.0253	mg/kg	U	100	4896		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	131-11-3	Dimethyl phthalate	0.0164	mg/kg	U	10	37		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	84-74-2	Di-n-butylphthalate	0.13	mg/kg	UJ	0.011	605		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	117-84-0	Di-n-octylphthalate	0.0387	mg/kg	UJ	0.91	60		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	206-44-0	Fluoranthene	9.8	mg/kg		1.1	230		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	86-73-7	Fluorene	0.0715	mg/kg		29	230		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	118-74-1	Hexachlorobenzene	0.0134	mg/kg	U	0.075	0.075		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	77-47-4	Hexachlorocyclopentadiene	0.021	mg/kg	U	0.001	0.17		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	67-72-1	Hexachloroethane	0.0164	mg/kg	U	0.024	1.7		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	1.99	mg/kg		1.1	1.1		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	78-59-1	Isophorone	0.0209	mg/kg	U	547	547		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	91-20-3	Naphthalene	0.0343	mg/kg		1.9	1.9		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	98-95-3	Nitrobenzene	0.0204	mg/kg	U	2.2	4.9		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	62-75-9	N-Nitrosodimethylamine	0.0164	mg/kg	UJ	0.0019	0.0019		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.0164	mg/kg	U	0.075	0.075		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	86-30-6	N-Nitrosodiphenylamine	0.0119	mg/kg	U	0.55	106		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	85-01-8	Phenanthrene	0.798	mg/kg		29	1728		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	108-95-2	Phenol	0.0298	mg/kg	U	0.79	1824		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	8270	129-00-0	Pyrene	11.6	mg/kg		1.1	173		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	4.25138	mg/kg					
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	36.73	mg/kg		1.1			
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	1.3225	mg/kg		29			
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	Krone	1002-53-5	Dibutyltin	0.000685	mg/kg	U	1.8	1.8		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	Krone	78763-54-9	Monobutyltin	0.00151	mg/kg	U	2.2	2.2		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	Krone	1461-25-2	Tetrabutyltin	0.000529	mg/kg	U	2.2	2.2		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	Krone	688-73-3	Tributyltin	0.00109	mg/kg	U	2.2	2.2		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7429-90-5	Aluminum	13200	mg/kg		50	7392		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7440-36-0	Antimony	1.45	mg/kg		0.27	3		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7440-38-2	Arsenic	4.24	mg/kg		0.43	0.43		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7440-39-3	Barium	102	mg/kg	J	330	1440		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7440-41-7	Beryllium	0.237	mg/kg	J	15	15		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7440-43-9	Cadmium	1.93	mg/kg		0.36	0.68		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7440-70-2	Calcium	5660	mg/kg					
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7440-47-3	Chromium	46	mg/kg		0.29	0.29		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7440-48-4	Cobalt	14.9	mg/kg		2.2	2.2		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7440-50-8	Copper	97.5	mg/kg	J	28	298		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7439-89-6	Iron	28100	mg/kg		5280	5280		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7439-92-1	Lead	303	mg/kg	J	11	192		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7439-95-4	Magnesium	7340	mg/kg					
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7439-96-5	Manganese	525	mg/kg	J	173	173		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7439-97-6	Mercury	0.102	mg/kg		0.013	1.1		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7440-02-0	Nickel	27.3	mg/kg	J	38	134		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7440-09-7	Potassium	839	mg/kg					
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7782-49-2	Selenium	0.0861	mg/kg	U	0.52	37		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7440-22-4	Silver	1.28	mg/kg		4.2	37		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7440-23-5	Sodium	162	mg/kg	U				
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7440-28-0	Thallium	0.123	mg/kg		0.05	0.075		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7440-62-2	Vanadium	70.1	mg/kg		7.8	37		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	METALS	7440-66-6	Zinc	211	mg/kg	J	46	2208		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	NWTPH-Dx	TPH-D	Diesel Range Organics	116	mg/kg		260	1100		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	NWTPH-Dx	MOIL	Residual Range Organics	834	mg/kg		260	2800		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.52	mg/kg	U	120	1200		
BIL16	723618.694	7834827.446	10/16/2001	4 - 4	SO	N	011016BIL16SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.452	mg/kg		0.0073	0.23		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8081 Pest	72-54-8	4,4'-DDD	0.00241	mg/kg	U	0.021	2.2		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8081 Pest	72-55-9	4,4'-DDE	0.00241	mg/kg	U	0.021	1.8		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8081 Pest	50-29-3	4,4'-DDT	0.00241	mg/kg	U	0.021	1.8		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8081 Pest	309-00-2	Aldrin	0.0012	mg/kg	U	0.000085	0.031		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8081 Pest	319-84-6	alpha-BHC	0.0012	mg/kg	U	0.0096	0.083		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8081 Pest	319-85-7	beta-BHC	0.0012	mg/kg	U	0.0096	0.086		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8081 Pest	319-86-8	delta-BHC	0.0012	mg/kg	U	0.0096	0.083		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8081 Pest	60-57-1	Dieldrin	0.00241	mg/kg	U	0.0049	0.033		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8081 Pest	959-98-8	Endosulfan I	0.0012	mg/kg	U	0.64	45		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8081 Pest	33213-65-9	Endosulfan II	0.00884	mg/kg	J	0.64	45		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.00597	mg/kg	J	0.64	36		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8081 Pest	72-20-8	Endrin	0.00241	mg/kg	U	0.0014	1.8		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8081 Pest	7421-93-4	Endrin aldehyde	0.00241	mg/kg	U	0.0014	1.8		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8081 Pest	53494-70-5	Endrin ketone	0.00241	mg/kg	U	0.0014	1.8		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.0012	mg/kg	U	0.0096	0.49		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8081 Pest	76-44-8	Heptachlor	0.00283	mg/kg		0.0016	0.11		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.0144	mg/kg		0.00015	0.055		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8081 Pest	72-43-5	Methoxychlor	0.012	mg/kg	U	5.1	31		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8081 Pest	12789-03-6	technical-Chlordane	1.56	mg/kg		0.27	1.6		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8081 Pest	8001-35-2	Toxaphene	0.12	mg/kg	U	0.47	0.47		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8082	12674-11-2	Aroclor-1016	0.00136	mg/kg	U	0.041	0.1		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8082	11104-28-2	Aroclor-1221	0.00583	mg/kg	U	0.041	0.19		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8082	11141-16-5	Aroclor-1232	0.00465	mg/kg	U	0.041	0.16		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8082	53469-21-9	Aroclor-1242	0.00249	mg/kg	U	0.041	0.22		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8082	12672-29-6	Aroclor-1248	0.00619	mg/kg	U	0.041	0.22		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8082	11097-69-1	Aroclor-1254	0.0786	mg/kg		0.029	0.029		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8082	11096-82-5	Aroclor-1260	0.068	mg/kg		0.041	0.23		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8151	93-76-5	2,4,5-T	0.00179	mg/kg	U	60	60		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8151	93-72-1	2,4,5-TP (Silvex)	0.00261	mg/kg	U	0.055	49		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8151	94-75-7	2,4-D	0.000675	mg/kg	U	67	67		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8151	94-82-6	2,4-DB	0.00115	mg/kg	U				
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.000871	mg/kg	U				
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8151	100-02-7	4-Nitrophenol	0.00181	mg/kg	U	5.1	1824		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8151	75-99-0	Dalapon	0.0025	mg/kg	U	182	182		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8151	1918-00-9	Dicamba	0.00199	mg/kg	U	182	182		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8151	88-85-7	Dinoseb	0.000675	mg/kg	U	0.015	6		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8151	94-74-6	MCPA	0.00123	mg/kg	U	3.1	3.1		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8151	93-65-2	MCPP	0.00224	mg/kg	U	6	6		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.000218	mg/kg	U	0.07	1.9		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	71-55-6	1,1,1-Trichloroethane	0.000218	mg/kg	U	260	778		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.000218	mg/kg	U	0.13	0.58		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	79-00-5	1,1,2-Trichloroethane	0.000218	mg/kg	U	0.14	0.14		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	75-34-3	1,1-Dichloroethane	0.000218	mg/kg	U	3.5	3.5		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	75-35-4	1,1-Dichloroethene	0.000218	mg/kg	U	11	22		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	563-58-6	1,1-Dichloropropene	0.000218	mg/kg	U	0.001	1.7		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.000218	mg/kg	U	6	6		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	96-18-4	1,2,3-Trichloropropane	0.000218	mg/kg	U	0.0049	0.0049		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	120-82-1	1,2,4-Trichlorobenzene	0.000218	mg/kg	UJ	0.27	5.6		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.000218	mg/kg	U	0.09	29		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.000218	mg/kg	U	0.0051	0.0051		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.000218	mg/kg	U	0.035	0.035		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	95-50-1	1,2-Dichlorobenzene	0.000218	mg/kg	U	0.92	173		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	107-06-2	1,2-Dichloroethane	0.000218	mg/kg	U	0.44	0.44		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	78-87-5	1,2-Dichloropropane	0.000218	mg/kg	U	0.28	1.5		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.000218	mg/kg	U	0.16	26		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	541-73-1	1,3-Dichlorobenzene	0.000218	mg/kg	U	0.74	2.5		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	142-28-9	1,3-Dichloropropane	0.000218	mg/kg	U	0.28	154		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	106-46-7	1,4-Dichlorobenzene	0.000218	mg/kg	U	0.89	2.5		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	594-20-7	2,2-Dichloropropane	0.000218	mg/kg	U	0.28	1.5		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	95-49-8	2-Chlorotoluene	0.000218	mg/kg	U	154	154		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	591-78-6	2-Hexanone	0.00109	mg/kg	U	0.36	19		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	106-43-4	4-Chlorotoluene	0.000218	mg/kg	U	154	154		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	67-64-1	Acetone	0.00109	mg/kg	UJ	1.2	6720		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	71-43-2	Benzene	0.000218	mg/kg	U	1.2	1.2		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	108-86-1	Bromobenzene	0.000218	mg/kg	U	28	28		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	74-97-5	Bromochloromethane	0.000218	mg/kg	U	3.4	3.4		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	75-27-4	Bromodichloromethane	0.000218	mg/kg	U	0.28	0.28		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	75-25-2	Bromoform	0.000218	mg/kg	U	0.07	18		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	74-83-9	Bromomethane	0.000218	mg/kg	UJ	0.002	0.65		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	75-15-0	Carbon disulfide	0.000218	mg/kg	U	0.81	74		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	56-23-5	Carbon tetrachloride	0.000218	mg/kg	U	0.62	0.62		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	108-90-7	Chlorobenzene	0.000218	mg/kg	U	2.4	27		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	75-00-3	Chloroethane	0.000218	mg/kg	U	518	518		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	67-66-3	Chloroform	0.000218	mg/kg	U	0.31	0.31		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	74-87-3	Chloromethane	0.000218	mg/kg	U	11	11		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	156-59-2	cis-1,2-Dichloroethene	0.000218	mg/kg	U	6	6		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.000218	mg/kg	U	0.001	1.7		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	124-48-1	Dibromochloromethane	0.000218	mg/kg	U	3.7	3.7		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	74-95-3	Dibromomethane	0.000218	mg/kg	U	2.304	2.3		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	75-71-8	Dichlorodifluoromethane	0.000218	mg/kg	U	8.4	8.4		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	100-41-4	Ethylbenzene	0.000218	mg/kg	U	0.27	5.6		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	87-68-3	Hexachlorobutadiene	0.000218	mg/kg	U	0.009	1.2		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	98-82-8	Isopropylbenzene	0.000218	mg/kg	U	0.04	182		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	179601-23-1	m,p-Xylene	0.000437	mg/kg	U	1.4	53		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	78-93-3	MEK (2-Butanone)	0.00109	mg/kg	U	350	2592		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	75-09-2	Methylene chloride	0.000218	mg/kg	U	2.6	34		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	0.00109	mg/kg	U	9.7	3168		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	104-51-8	n-Butylbenzene	0.000218	mg/kg	U	374	374		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	103-65-1	n-Propylbenzene	0.000218	mg/kg	U	365	365		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	95-47-6	o-Xylene	0.000218	mg/kg	U	1.4	61		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	99-87-6	p-Cymene	0.000218	mg/kg	U	0.18	182		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	135-98-8	sec-Butylbenzene	0.000218	mg/kg	U	749	749		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	100-42-5	Styrene	0.000218	mg/kg	U	1.2	576		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	98-06-6	tert-Butylbenzene	0.000218	mg/kg	U	749	749		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	127-18-4	Tetrachloroethene	0.00107	mg/kg		0.18	7.8		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	108-88-3	Toluene	0.000218	mg/kg	U	23	470		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	156-60-5	trans-1,2-Dichloroethene	0.000218	mg/kg	U	6.7	6.7		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.000218	mg/kg	U	0.001	1.7		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	79-01-6	Trichloroethene	0.000218	mg/kg	U	0.39	0.39		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	75-69-4	Trichlorofluoromethane	0.000218	mg/kg	U	52	2208		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	108-05-4	Vinyl acetate	0.00109	mg/kg	UJ	87	87		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8260	75-01-4	Vinyl chloride	0.000218	mg/kg	U	0.057	0.057		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	95-95-4	2,4,5-Trichlorophenol	0.0281	mg/kg	U	4	605		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	88-06-2	2,4,6-Trichlorophenol	0.0208	mg/kg	U	6	6		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	120-83-2	2,4-Dichlorophenol	0.0172	mg/kg	U	0.05	18		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	105-67-9	2,4-Dimethylphenol	0.0172	mg/kg	U	0.04	125		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	51-28-5	2,4-Dinitrophenol	0.0375	mg/kg	UJ	0.061	12		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	121-14-2	2,4-Dinitrotoluene	0.0203	mg/kg	U	1.6	1.6		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	606-20-2	2,6-Dinitrotoluene	0.0281	mg/kg	UJ	0.3456	0.35		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	91-58-7	2-Chloronaphthalene	0.00468	mg/kg	U	461	461		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	95-57-8	2-Chlorophenol	0.0234	mg/kg	U	0.39	37		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	91-57-6	2-Methylnaphthalene	0.0375	mg/kg		23	23		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	95-48-7	2-Methylphenol	0.0187	mg/kg	U	0.67	307		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	88-74-4	2-Nitroaniline	0.0203	mg/kg	U	5.3	60		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	88-75-5	2-Nitrophenol	0.0219	mg/kg	U	5.1	1824		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	91-94-1	3,3'-Dichlorobenzidine	0.0172	mg/kg	UJ	0.03	1.2		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	99-09-2	3-Nitroaniline	0.0265	mg/kg	UJ	0.02	60		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.0578	mg/kg	UJ	0.49	0.49		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.0208	mg/kg	U				
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	59-50-7	4-Chloro-3-methylphenol	0.0172	mg/kg	U	605	605		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	106-47-8	4-Chloroaniline	0.0145	mg/kg	U	1	2.6		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.0262	mg/kg	U				
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	106-44-5	4-Methylphenol	0.064	mg/kg	J	0.08	125		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	100-01-6	4-Nitroaniline	0.0265	mg/kg	UJ	0.02	24		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	83-32-9	Acenaphthene	0.323	mg/kg		29	346		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	208-96-8	Acenaphthylene	0.0781	mg/kg		1.9	1.9		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	62-53-3	Aniline	0.0422	mg/kg	U	42	42		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	120-12-7	Anthracene	0.773	mg/kg		29	1728		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	92-87-5	Benzidine	0.0295	mg/kg	UJ	0.00051	0.00051		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	56-55-3	Benzo(a)anthracene	9.62	mg/kg		1.1	1.1		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	50-32-8	Benzo(a)pyrene	10.5	mg/kg		0.11	0.11		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	191-24-2	Benzo(g,h,i)perylene	6.15	mg/kg		1.1	173		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	56832-73-6	Benzofluoranthenes, Total	14.7	mg/kg					
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	65-85-0	Benzoic acid	0.553	mg/kg		1	24000		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	100-51-6	Benzyl alcohol	0.0328	mg/kg	UJ	120	605		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.0187	mg/kg	U	18	18		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.0298	mg/kg	U	0.22	0.22		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	3.96	mg/kg		0.02	37		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.0406	mg/kg	U	298	298		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	85-68-7	Butyl benzylphthalate	0.0687	mg/kg	J	90	278		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	86-74-8	Carbazole	0.49	mg/kg		7.5	7.5		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	218-01-9	Chrysene	8.43	mg/kg		1.1	106		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	53-70-3	Dibenzo(a,h)anthracene	0.695	mg/kg		0.1056	0.11		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	132-64-9	Dibenzofuran	0.0671	mg/kg	J	6.1	7.5		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	84-66-2	Diethyl phthalate	0.0734	mg/kg	J	100	4896		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	131-11-3	Dimethyl phthalate	0.0172	mg/kg	U	10	37		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	84-74-2	Di-n-butylphthalate	0.136	mg/kg	UJ	0.011	605		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	117-84-0	Di-n-octylphthalate	0.0406	mg/kg	UJ	0.91	60		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	206-44-0	Fluoranthene	19.4	mg/kg		1.1	230		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	86-73-7	Fluorene	0.244	mg/kg		29	230		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	118-74-1	Hexachlorobenzene	0.0172	mg/kg	U	0.075	0.075		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	77-47-4	Hexachlorocyclopentadiene	0.022	mg/kg	U	0.001	0.17		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	67-72-1	Hexachloroethane	0.0297	mg/kg	U	0.024	1.7		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	6.99	mg/kg		1.1	1.1		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	78-59-1	Isophorone	0.0214	mg/kg	U	547	547		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	91-20-3	Naphthalene	0.0781	mg/kg		1.9	1.9		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	98-95-3	Nitrobenzene	0.0214	mg/kg	U	2.2	4.9		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	62-75-9	N-Nitrosodimethylamine	0.0172	mg/kg	UJ	0.0019	0.0019		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.0172	mg/kg	U	0.075	0.075		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	86-30-6	N-Nitrosodiphenylamine	0.0125	mg/kg	U	0.55	106		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	87-86-5	Pentachlorophenol	0.201	mg/kg		0.96	1		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	85-01-8	Phenanthrene	2.91	mg/kg		29	1728		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	108-95-2	Phenol	0.0312	mg/kg	U	0.79	1824		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	8270	129-00-0	Pyrene	22.9	mg/kg		1.1	173		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	12.86443	mg/kg					
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	84.685	mg/kg		1.1			
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	4.406	mg/kg		29			
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	Krone	1002-53-5	Dibutyltin	0.0202	mg/kg		1.8	1.8		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	Krone	78763-54-9	Monobutyltin	0.00908	mg/kg		2.2	2.2		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	Krone	1461-25-2	Tetrabutyltin	0.0006	mg/kg	U	2.2	2.2		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	Krone	688-73-3	Tributyltin	0.00901	mg/kg		2.2	2.2		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7429-90-5	Aluminum	7560	mg/kg		50	7392		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7440-36-0	Antimony	0.309	mg/kg	J	0.27	3		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7440-38-2	Arsenic	2.98	mg/kg		0.43	0.43		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7440-39-3	Barium	132	mg/kg	J	330	1440		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7440-41-7	Beryllium	0.189	mg/kg	U	15	15		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7440-43-9	Cadmium	2.09	mg/kg		0.36	0.68		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7440-70-2	Calcium	4810	mg/kg					
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7440-47-3	Chromium	77.6	mg/kg		0.29	0.29		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7440-48-4	Cobalt	11.3	mg/kg		2.2	2.2		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7440-50-8	Copper	37.1	mg/kg	J	28	298		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7439-89-6	Iron	19200	mg/kg		5280	5280		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7439-92-1	Lead	741	mg/kg	J	11	192		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7439-95-4	Magnesium	6070	mg/kg					
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7439-96-5	Manganese	367	mg/kg	J	173	173		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7439-97-6	Mercury	0.122	mg/kg		0.013	1.1		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7440-02-0	Nickel	65	mg/kg	J	38	134		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7440-09-7	Potassium	797	mg/kg					
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7782-49-2	Selenium	0.205	mg/kg	J	0.52	37		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7440-22-4	Silver	0.634	mg/kg		4.2	37		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7440-23-5	Sodium	169	mg/kg	U				
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7440-28-0	Thallium	0.0953	mg/kg	J	0.05	0.075		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7440-62-2	Vanadium	34.3	mg/kg		7.8	37		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	METALS	7440-66-6	Zinc	262	mg/kg	J	46	2208		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	NWTPH-Dx	TPH-D	Diesel Range Organics	266	mg/kg		260	1100		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	NWTPH-Dx	MOIL	Residual Range Organics	698	mg/kg		260	2800		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.78	mg/kg	U	120	1200		
BIL17	723640.192	7834830.898	10/16/2001	1 - 1	SO	N	011016BIL17SS	Tot_Aroclor_Calc	'PCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.153	mg/kg		0.0073	0.23		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8081 Pest	72-54-8	4,4'-DDD	0.00214	mg/kg	U	0.021	2.2		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8081 Pest	72-55-9	4,4'-DDE	0.00214	mg/kg	U	0.021	1.8		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8081 Pest	50-29-3	4,4'-DDT	0.00214	mg/kg	U	0.021	1.8		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8081 Pest	309-00-2	Aldrin	0.00107	mg/kg	U	0.000085	0.031		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8081 Pest	319-84-6	alpha-BHC	0.00202	mg/kg		0.0096	0.083		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8081 Pest	319-85-7	beta-BHC	0.00107	mg/kg	U	0.0096	0.086		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8081 Pest	319-86-8	delta-BHC	0.00107	mg/kg	U	0.0096	0.083		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8081 Pest	60-57-1	Dieldrin	0.00214	mg/kg	U	0.0049	0.033		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8081 Pest	959-98-8	Endosulfan I	0.00107	mg/kg	U	0.64	45		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8081 Pest	33213-65-9	Endosulfan II	0.00214	mg/kg	U	0.64	45		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.00214	mg/kg	U	0.64	36		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8081 Pest	72-20-8	Endrin	0.00214	mg/kg	U	0.0014	1.8		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8081 Pest	7421-93-4	Endrin aldehyde	0.00214	mg/kg	U	0.0014	1.8		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8081 Pest	53494-70-5	Endrin ketone	0.00214	mg/kg	U	0.0014	1.8		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.00107	mg/kg	U	0.0096	0.49		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8081 Pest	76-44-8	Heptachlor	0.00107	mg/kg	U	0.0016	0.11		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.00107	mg/kg	U	0.00015	0.055		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8081 Pest	72-43-5	Methoxychlor	0.0107	mg/kg	U	5.1	31		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8081 Pest	12789-03-6	technical-Chlordane	0.0656	mg/kg	J	0.27	1.6		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8081 Pest	8001-35-2	Toxaphene	0.107	mg/kg	U	0.47	0.47		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8082	12674-11-2	Aroclor-1016	0.00116	mg/kg	U	0.041	0.1		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8082	11104-28-2	Aroclor-1221	0.00496	mg/kg	U	0.041	0.19		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8082	11141-16-5	Aroclor-1232	0.00396	mg/kg	U	0.041	0.16		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8082	53469-21-9	Aroclor-1242	0.00212	mg/kg	U	0.041	0.22		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8082	12672-29-6	Aroclor-1248	0.00527	mg/kg	U	0.041	0.22		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8082	11097-69-1	Aroclor-1254	0.0484	mg/kg		0.029	0.029		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8082	11096-82-5	Aroclor-1260	0.039	mg/kg		0.041	0.23		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8151	93-76-5	2,4,5-T	0.00161	mg/kg	U	60	60		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8151	93-72-1	2,4,5-TP (Silvex)	0.00235	mg/kg	U	0.055	49		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8151	94-75-7	2,4-D	0.000608	mg/kg	U	67	67		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8151	94-82-6	2,4-DB	0.00103	mg/kg	U				
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.000785	mg/kg	U				
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8151	100-02-7	4-Nitrophenol	0.00163	mg/kg	U	5.1	1824		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8151	75-99-0	Dalapon	0.00225	mg/kg	U	182	182		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8151	1918-00-9	Dicamba	0.00179	mg/kg	U	182	182		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8151	88-85-7	Dinoseb	0.000608	mg/kg	U	0.015	6		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8151	94-74-6	MCPA	0.00111	mg/kg	U	3.1	3.1		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8151	93-65-2	MCPP	0.00202	mg/kg	U	6	6		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8151	87-86-5	Pentachlorophenol	0.000859	mg/kg	U	0.96	1		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.00022	mg/kg	U	0.07	1.9		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	71-55-6	1,1,1-Trichloroethane	0.00022	mg/kg	U	260	778		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.00022	mg/kg	U	0.13	0.58		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	79-00-5	1,1,2-Trichloroethane	0.00022	mg/kg	U	0.14	0.14		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	75-34-3	1,1-Dichloroethane	0.00022	mg/kg	U	3.5	3.5		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	75-35-4	1,1-Dichloroethene	0.00022	mg/kg	U	11	22		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	563-58-6	1,1-Dichloropropene	0.00022	mg/kg	U	0.001	1.7		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.00022	mg/kg	U	6	6		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	96-18-4	1,2,3-Trichloropropane	0.00022	mg/kg	U	0.0049	0.0049		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	120-82-1	1,2,4-Trichlorobenzene	0.00022	mg/kg	UJ	0.27	5.6		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.00022	mg/kg	U	0.09	29		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.00022	mg/kg	U	0.0051	0.0051		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.00022	mg/kg	U	0.035	0.035		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	95-50-1	1,2-Dichlorobenzene	0.00022	mg/kg	U	0.92	173		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	107-06-2	1,2-Dichloroethane	0.00022	mg/kg	U	0.44	0.44		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	78-87-5	1,2-Dichloropropane	0.00022	mg/kg	U	0.28	1.5		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.00022	mg/kg	U	0.16	26		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	541-73-1	1,3-Dichlorobenzene	0.00022	mg/kg	U	0.74	2.5		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	142-28-9	1,3-Dichloropropane	0.00022	mg/kg	U	0.28	154		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	106-46-7	1,4-Dichlorobenzene	0.00022	mg/kg	U	0.89	2.5		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	594-20-7	2,2-Dichloropropane	0.00022	mg/kg	U	0.28	1.5		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	95-49-8	2-Chlorotoluene	0.00022	mg/kg	U	154	154		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	591-78-6	2-Hexanone	0.0011	mg/kg	U	0.36	19		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	106-43-4	4-Chlorotoluene	0.00022	mg/kg	U	154	154		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	67-64-1	Acetone	0.0011	mg/kg	UJ	1.2	6720		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	71-43-2	Benzene	0.00022	mg/kg	U	1.2	1.2		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	108-86-1	Bromobenzene	0.00022	mg/kg	U	28	28		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	74-97-5	Bromochloromethane	0.00022	mg/kg	U	3.4	3.4		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	75-27-4	Bromodichloromethane	0.00022	mg/kg	U	0.28	0.28		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	75-25-2	Bromoform	0.00022	mg/kg	U	0.07	18		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	74-83-9	Bromomethane	0.00022	mg/kg	UJ	0.002	0.65		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	75-15-0	Carbon disulfide	0.00022	mg/kg	U	0.81	74		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	56-23-5	Carbon tetrachloride	0.00022	mg/kg	U	0.62	0.62		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	108-90-7	Chlorobenzene	0.00022	mg/kg	U	2.4	27		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	75-00-3	Chloroethane	0.00022	mg/kg	U	518	518		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	67-66-3	Chloroform	0.00022	mg/kg	U	0.31	0.31		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	74-87-3	Chloromethane	0.00022	mg/kg	U	11	11		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	156-59-2	cis-1,2-Dichloroethene	0.00022	mg/kg	U	6	6		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.00022	mg/kg	U	0.001	1.7		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	124-48-1	Dibromochloromethane	0.00022	mg/kg	U	3.7	3.7		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	74-95-3	Dibromomethane	0.00022	mg/kg	U	2.304	2.3		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	75-71-8	Dichlorodifluoromethane	0.00022	mg/kg	U	8.4	8.4		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	100-41-4	Ethylbenzene	0.00022	mg/kg	U	0.27	5.6		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	87-68-3	Hexachlorobutadiene	0.00022	mg/kg	U	0.009	1.2		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	98-82-8	Isopropylbenzene	0.00022	mg/kg	U	0.04	182		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	179601-23-1	m,p-Xylene	0.00044	mg/kg	U	1.4	53		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	78-93-3	MEK (2-Butanone)	0.0011	mg/kg	U	350	2592		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	75-09-2	Methylene chloride	0.00022	mg/kg	U	2.6	34		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	0.0011	mg/kg	U	9.7	3168		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	104-51-8	n-Butylbenzene	0.00022	mg/kg	U	374	374		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	103-65-1	n-Propylbenzene	0.00022	mg/kg	U	365	365		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	95-47-6	o-Xylene	0.00022	mg/kg	U	1.4	61		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	99-87-6	p-Cymene	0.00022	mg/kg	U	0.18	182		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	135-98-8	sec-Butylbenzene	0.00022	mg/kg	U	749	749		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	100-42-5	Styrene	0.00022	mg/kg	U	1.2	576		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	98-06-6	tert-Butylbenzene	0.00022	mg/kg	U	749	749		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	127-18-4	Tetrachloroethene	0.000734	mg/kg		0.18	7.8		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	108-88-3	Toluene	0.000225	mg/kg	J	23	470		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	156-60-5	trans-1,2-Dichloroethene	0.00022	mg/kg	U	6.7	6.7		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.00022	mg/kg	U	0.001	1.7		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	79-01-6	Trichloroethene	0.00022	mg/kg	U	0.39	0.39		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	75-69-4	Trichlorofluoromethane	0.00022	mg/kg	U	52	2208		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	108-05-4	Vinyl acetate	0.0011	mg/kg	UJ	87	87		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8260	75-01-4	Vinyl chloride	0.00022	mg/kg	U	0.057	0.057		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	95-95-4	2,4,5-Trichlorophenol	0.026	mg/kg	U	4	605		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	88-06-2	2,4,6-Trichlorophenol	0.0192	mg/kg	U	6	6		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	120-83-2	2,4-Dichlorophenol	0.0159	mg/kg	U	0.05	18		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	105-67-9	2,4-Dimethylphenol	0.0159	mg/kg	U	0.04	125		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	51-28-5	2,4-Dinitrophenol	0.0347	mg/kg	UJ	0.061	12		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	121-14-2	2,4-Dinitrotoluene	0.0188	mg/kg	U	1.6	1.6		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	606-20-2	2,6-Dinitrotoluene	0.026	mg/kg	U	0.3456	0.35		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	91-58-7	2-Chloronaphthalene	0.00434	mg/kg	U	461	461		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	95-57-8	2-Chlorophenol	0.0217	mg/kg	U	0.39	37		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	91-57-6	2-Methylnaphthalene	0.0434	mg/kg		23	23		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	95-48-7	2-Methylphenol	0.0174	mg/kg	U	0.67	307		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	88-74-4	2-Nitroaniline	0.0188	mg/kg	U	5.3	60		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	88-75-5	2-Nitrophenol	0.0202	mg/kg	U	5.1	1824		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	91-94-1	3,3'-Dichlorobenzidine	0.0159	mg/kg	UJ	0.03	1.2		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	99-09-2	3-Nitroaniline	0.0246	mg/kg	UJ	0.02	60		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.0535	mg/kg	UJ	0.49	0.49		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.0192	mg/kg	U				
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	59-50-7	4-Chloro-3-methylphenol	0.0159	mg/kg	U	605	605		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	106-47-8	4-Chloroaniline	0.0134	mg/kg	U	1	2.6		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.0243	mg/kg	U				
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	106-44-5	4-Methylphenol	0.0214	mg/kg	U	0.08	125		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	100-01-6	4-Nitroaniline	0.0246	mg/kg	UJ	0.02	24		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	83-32-9	Acenaphthene	2.53	mg/kg		29	346		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	208-96-8	Acenaphthylene	0.111	mg/kg		1.9	1.9		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	62-53-3	Aniline	0.039	mg/kg	U	42	42		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	120-12-7	Anthracene	8.44	mg/kg		29	1728		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	92-87-5	Benzidine	0.0273	mg/kg	UJ	0.00051	0.00051		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	56-55-3	Benzo(a)anthracene	28.2	mg/kg		1.1	1.1		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	50-32-8	Benzo(a)pyrene	34	mg/kg		0.11	0.11		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	191-24-2	Benzo(g,h,i)perylene	17	mg/kg		1.1	173		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	56832-73-6	Benzofluoranthenes, Total	31.3	mg/kg					
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	65-85-0	Benzoic acid	0.191	mg/kg	J	1	24000		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	100-51-6	Benzyl alcohol	0.0304	mg/kg	UJ	120	605		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.0174	mg/kg	U	18	18		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.0276	mg/kg	U	0.22	0.22		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	2.03	mg/kg		0.02	37		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.0376	mg/kg	U	298	298		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	85-68-7	Butyl benzylphthalate	0.0275	mg/kg	U	90	278		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	86-74-8	Carbazole	2.84	mg/kg		7.5	7.5		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	218-01-9	Chrysene	35.3	mg/kg	J	1.1	106		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	53-70-3	Dibenzo(a,h)anthracene	1.94	mg/kg		0.1056	0.11		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	132-64-9	Dibenzofuran	0.419	mg/kg		6.1	7.5		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	84-66-2	Diethyl phthalate	0.0289	mg/kg	J	100	4896		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	131-11-3	Dimethyl phthalate	0.0159	mg/kg	U	10	37		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	84-74-2	Di-n-butylphthalate	0.126	mg/kg	UJ	0.011	605		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	117-84-0	Di-n-octylphthalate	0.0376	mg/kg	UJ	0.91	60		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	206-44-0	Fluoranthene	48.3	mg/kg		1.1	230		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	86-73-7	Fluorene	1.61	mg/kg		29	230		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	118-74-1	Hexachlorobenzene	0.0159	mg/kg	U	0.075	0.075		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	77-47-4	Hexachlorocyclopentadiene	0.0204	mg/kg	U	0.001	0.17		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	67-72-1	Hexachloroethane	0.0275	mg/kg	U	0.024	1.7		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	20	mg/kg		1.1	1.1		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	78-59-1	Isophorone	0.0202	mg/kg	U	547	547		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	91-20-3	Naphthalene	0.176	mg/kg		1.9	1.9		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	98-95-3	Nitrobenzene	0.0198	mg/kg	U	2.2	4.9		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	62-75-9	N-Nitrosodimethylamine	0.0159	mg/kg	UJ	0.0019	0.0019		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.0159	mg/kg	U	0.075	0.075		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	86-30-6	N-Nitrosodiphenylamine	0.0116	mg/kg	U	0.55	106		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	85-01-8	Phenanthrene	21.9	mg/kg		29	1728		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	108-95-2	Phenol	0.0289	mg/kg	U	0.79	1824		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	8270	129-00-0	Pyrene	67.1	mg/kg		1.1	173		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	40.7953	mg/kg					
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	251.84	mg/kg		1.1			
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	34.767	mg/kg		29			
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	Krone	1002-53-5	Dibutyltin	0.000741	mg/kg	U	1.8	1.8		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	Krone	78763-54-9	Monobutyltin	0.00163	mg/kg	U	2.2	2.2		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	Krone	1461-25-2	Tetrabutyltin	0.000573	mg/kg	U	2.2	2.2		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	Krone	688-73-3	Tributyltin	0.00118	mg/kg	U	2.2	2.2		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7429-90-5	Aluminum	6000	mg/kg		50	7392		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7440-36-0	Antimony	0.81	mg/kg		0.27	3		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7440-38-2	Arsenic	4.07	mg/kg		0.43	0.43		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7440-39-3	Barium	42.6	mg/kg	J	330	1440		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7440-41-7	Beryllium	0.157	mg/kg	U	15	15		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7440-43-9	Cadmium	0.731	mg/kg		0.36	0.68		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7440-70-2	Calcium	6100	mg/kg					
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7440-47-3	Chromium	1950	mg/kg		0.29	0.29		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7440-48-4	Cobalt	41	mg/kg		2.2	2.2		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7440-50-8	Copper	37.5	mg/kg	J	28	298		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7439-89-6	Iron	51000	mg/kg		5280	5280		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7439-92-1	Lead	1660	mg/kg	J	11	192		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7439-95-4	Magnesium	77700	mg/kg					
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7439-96-5	Manganese	895	mg/kg	J	173	173		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7439-97-6	Mercury	0.0475	mg/kg		0.013	1.1		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7440-02-0	Nickel	1610	mg/kg	J	38	134		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7440-09-7	Potassium	322	mg/kg	J				
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7782-49-2	Selenium	0.226	mg/kg	J	0.52	37		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7440-22-4	Silver	0.126	mg/kg	J	4.2	37		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7440-23-5	Sodium	141	mg/kg	U				
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7440-28-0	Thallium	0.0578	mg/kg	J	0.05	0.075		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7440-62-2	Vanadium	39.5	mg/kg		7.8	37		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	METALS	7440-66-6	Zinc	101	mg/kg	J	46	2208		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	NWTPH-Dx	TPH-D	Diesel Range Organics	422	mg/kg		260	1100		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	NWTPH-Dx	MOIL	Residual Range Organics	1160	mg/kg		260	2800		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	3.28	mg/kg	J	120	1200		
BIL18	723643.321	7834839.777	10/16/2001	2 - 2	SO	N	011016BIL18SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0927	mg/kg		0.0073	0.23		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8081 Pest	72-54-8	4,4'-DDD	0.00199	mg/kg	U	0.021	2.2		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8081 Pest	72-55-9	4,4'-DDE	0.00199	mg/kg	U	0.021	1.8		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8081 Pest	50-29-3	4,4'-DDT	0.00199	mg/kg	U	0.021	1.8		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8081 Pest	309-00-2	Aldrin	0.000994	mg/kg	U	0.000085	0.031		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8081 Pest	319-84-6	alpha-BHC	0.000994	mg/kg	U	0.0096	0.083		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8081 Pest	319-85-7	beta-BHC	0.000994	mg/kg	U	0.0096	0.086		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8081 Pest	319-86-8	delta-BHC	0.000994	mg/kg	U	0.0096	0.083		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8081 Pest	60-57-1	Dieldrin	0.00199	mg/kg	U	0.0049	0.033		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8081 Pest	959-98-8	Endosulfan I	0.000994	mg/kg	U	0.64	45		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8081 Pest	33213-65-9	Endosulfan II	0.00199	mg/kg	U	0.64	45		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.00199	mg/kg	U	0.64	36		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8081 Pest	72-20-8	Endrin	0.00199	mg/kg	U	0.0014	1.8		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8081 Pest	7421-93-4	Endrin aldehyde	0.00199	mg/kg	U	0.0014	1.8		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8081 Pest	53494-70-5	Endrin ketone	0.00199	mg/kg	U	0.0014	1.8		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.000994	mg/kg	U	0.0096	0.49		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8081 Pest	76-44-8	Heptachlor	0.000994	mg/kg	U	0.0016	0.11		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.000994	mg/kg	U	0.00015	0.055		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8081 Pest	72-43-5	Methoxychlor	0.00994	mg/kg	U	5.1	31		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8081 Pest	12789-03-6	technical-Chlordane	0.00994	mg/kg	U	0.27	1.6		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8081 Pest	8001-35-2	Toxaphene	0.0994	mg/kg	U	0.47	0.47		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8082	12674-11-2	Aroclor-1016	0.00116	mg/kg	U	0.041	0.1		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8082	11104-28-2	Aroclor-1221	0.00498	mg/kg	U	0.041	0.19		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8082	11141-16-5	Aroclor-1232	0.00397	mg/kg	U	0.041	0.16		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8082	53469-21-9	Aroclor-1242	0.00212	mg/kg	U	0.041	0.22		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8082	12672-29-6	Aroclor-1248	0.00528	mg/kg	U	0.041	0.22		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8082	11097-69-1	Aroclor-1254	0.0549	mg/kg		0.029	0.029		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8082	11096-82-5	Aroclor-1260	0.0746	mg/kg		0.041	0.23		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8151	93-76-5	2,4,5-T	0.00146	mg/kg	U	60	60		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8151	93-72-1	2,4,5-TP (Silvex)	0.00214	mg/kg	U	0.055	49		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8151	94-75-7	2,4-D	0.00052	mg/kg	U	67	67		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8151	94-82-6	2,4-DB	0.000939	mg/kg	U				
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.000713	mg/kg	U				
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8151	100-02-7	4-Nitrophenol	0.00148	mg/kg	U	5.1	1824		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8151	75-99-0	Dalapon	0.00204	mg/kg	U	182	182		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8151	1918-00-9	Dicamba	0.00163	mg/kg	U	182	182		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8151	88-85-7	Dinoseb	0.000552	mg/kg	U	0.015	6		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8151	94-74-6	MCPA	0.00101	mg/kg	U	3.1	3.1		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8151	93-65-2	MCPP	0.00183	mg/kg	U	6	6		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8151	87-86-5	Pentachlorophenol	0.000781	mg/kg	U	0.96	1		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.000174	mg/kg	U	0.07	1.9		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	71-55-6	1,1,1-Trichloroethane	0.000174	mg/kg	U	260	778		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.000174	mg/kg	U	0.13	0.58		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	79-00-5	1,1,2-Trichloroethane	0.000174	mg/kg	U	0.14	0.14		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	75-34-3	1,1-Dichloroethane	0.000174	mg/kg	U	3.5	3.5		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	75-35-4	1,1-Dichloroethene	0.000174	mg/kg	U	11	22		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	563-58-6	1,1-Dichloropropene	0.000174	mg/kg	U	0.001	1.7		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.000174	mg/kg	U	6	6		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	96-18-4	1,2,3-Trichloropropane	0.000174	mg/kg	U	0.0049	0.0049		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	120-82-1	1,2,4-Trichlorobenzene	0.000174	mg/kg	U	0.27	5.6		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.000174	mg/kg	U	0.09	29		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.000174	mg/kg	U	0.0051	0.0051		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.000174	mg/kg	U	0.035	0.035		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	95-50-1	1,2-Dichlorobenzene	0.000174	mg/kg	U	0.92	173		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	107-06-2	1,2-Dichloroethane	0.000174	mg/kg	U	0.44	0.44		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	78-87-5	1,2-Dichloropropane	0.000174	mg/kg	U	0.28	1.5		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.000174	mg/kg	U	0.16	26		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	541-73-1	1,3-Dichlorobenzene	0.000174	mg/kg	U	0.74	2.5		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	142-28-9	1,3-Dichloropropane	0.000174	mg/kg	U	0.28	154		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	106-46-7	1,4-Dichlorobenzene	0.000174	mg/kg	U	0.89	2.5		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	594-20-7	2,2-Dichloropropane	0.000174	mg/kg	U	0.28	1.5		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	95-49-8	2-Chlorotoluene	0.000174	mg/kg	U	154	154		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	591-78-6	2-Hexanone	0.000872	mg/kg	UJ	0.36	19		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	106-43-4	4-Chlorotoluene	0.000174	mg/kg	U	154	154		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	67-64-1	Acetone	0.000872	mg/kg	U	1.2	6720		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	71-43-2	Benzene	0.000174	mg/kg	U	1.2	1.2		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	108-86-1	Bromobenzene	0.000174	mg/kg	U	28	28		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	74-97-5	Bromochloromethane	0.000174	mg/kg	U	3.4	3.4		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	75-27-4	Bromodichloromethane	0.000174	mg/kg	U	0.28	0.28		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	75-25-2	Bromoform	0.000174	mg/kg	U	0.07	18		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	74-83-9	Bromomethane	0.000174	mg/kg	UJ	0.002	0.65		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	75-15-0	Carbon disulfide	0.000174	mg/kg	U	0.81	74		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	56-23-5	Carbon tetrachloride	0.000174	mg/kg	U	0.62	0.62		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	108-90-7	Chlorobenzene	0.000174	mg/kg	U	2.4	27		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	75-00-3	Chloroethane	0.000174	mg/kg	U	518	518		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	67-66-3	Chloroform	0.000174	mg/kg	U	0.31	0.31		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	74-87-3	Chloromethane	0.000174	mg/kg	U	11	11		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	156-59-2	cis-1,2-Dichloroethene	0.000174	mg/kg	U	6	6		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.000174	mg/kg	U	0.001	1.7		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	124-48-1	Dibromochloromethane	0.000174	mg/kg	U	3.7	3.7		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	74-95-3	Dibromomethane	0.000174	mg/kg	U	2.304	2.3		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	75-71-8	Dichlorodifluoromethane	0.000174	mg/kg	U	8.4	8.4		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	100-41-4	Ethylbenzene	0.000174	mg/kg	U	0.27	5.6		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	87-68-3	Hexachlorobutadiene	0.000174	mg/kg	U	0.009	1.2		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	98-82-8	Isopropylbenzene	0.000174	mg/kg	U	0.04	182		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	179601-23-1	m,p-Xylene	0.000349	mg/kg	U	1.4	53		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	78-93-3	MEK (2-Butanone)	0.000872	mg/kg	U	350	2592		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	75-09-2	Methylene chloride	0.000174	mg/kg	U	2.6	34		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	0.000872	mg/kg	U	9.7	3168		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	104-51-8	n-Butylbenzene	0.000174	mg/kg	U	374	374		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	103-65-1	n-Propylbenzene	0.000174	mg/kg	U	365	365		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	95-47-6	o-Xylene	0.000174	mg/kg	U	1.4	61		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	99-87-6	p-Cymene	0.000174	mg/kg	U	0.18	182		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	135-98-8	sec-Butylbenzene	0.000174	mg/kg	U	749	749		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	100-42-5	Styrene	0.000174	mg/kg	U	1.2	576		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	98-06-6	tert-Butylbenzene	0.000174	mg/kg	U	749	749		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	127-18-4	Tetrachloroethene	0.00113	mg/kg		0.18	7.8		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	108-88-3	Toluene	0.000312	mg/kg	J	23	470		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	156-60-5	trans-1,2-Dichloroethene	0.000174	mg/kg	U	6.7	6.7		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.000174	mg/kg	U	0.001	1.7		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	79-01-6	Trichloroethene	0.000174	mg/kg	UJ	0.39	0.39		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	75-69-4	Trichlorofluoromethane	0.000174	mg/kg	U	52	2208		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	108-05-4	Vinyl acetate	0.000872	mg/kg	U	87	87		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8260	75-01-4	Vinyl chloride	0.000174	mg/kg	U	0.057	0.057		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	95-95-4	2,4,5-Trichlorophenol	0.0247	mg/kg	U	4	605		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	88-06-2	2,4,6-Trichlorophenol	0.0183	mg/kg	U	6	6		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	120-83-2	2,4-Dichlorophenol	0.0151	mg/kg	U	0.05	18		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	105-67-9	2,4-Dimethylphenol	0.0151	mg/kg	U	0.04	125		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	51-28-5	2,4-Dinitrophenol	0.033	mg/kg	UJ	0.061	12		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	121-14-2	2,4-Dinitrotoluene	0.0179	mg/kg	U	1.6	1.6		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	606-20-2	2,6-Dinitrotoluene	0.0247	mg/kg	UJ	0.3456	0.35		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	91-58-7	2-Chloronaphthalene	0.00412	mg/kg	U	461	461		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	95-57-8	2-Chlorophenol	0.0206	mg/kg	U	0.39	37		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	91-57-6	2-Methylnaphthalene	0.0179	mg/kg		23	23		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	95-48-7	2-Methylphenol	0.0165	mg/kg	U	0.67	307		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	88-74-4	2-Nitroaniline	0.0179	mg/kg	U	5.3	60		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	88-75-5	2-Nitrophenol	0.0192	mg/kg	U	5.1	1824		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	91-94-1	3,3'-Dichlorobenzidine	0.0151	mg/kg	UJ	0.03	1.2		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	99-09-2	3-Nitroaniline	0.0234	mg/kg	UJ	0.02	60		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.0509	mg/kg	UJ	0.49	0.49		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.0183	mg/kg	U				
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	59-50-7	4-Chloro-3-methylphenol	0.0151	mg/kg	U	605	605		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	106-47-8	4-Chloroaniline	0.0128	mg/kg	U	1	2.6		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.0231	mg/kg	U				
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	106-44-5	4-Methylphenol	0.0203	mg/kg	U	0.08	125		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	100-01-6	4-Nitroaniline	0.0234	mg/kg	UJ	0.02	24		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	83-32-9	Acenaphthene	0.0068	mg/kg	U	29	346		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	208-96-8	Acenaphthylene	0.00599	mg/kg	U	1.9	1.9		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	62-53-3	Aniline	0.0371	mg/kg	U	42	42		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	120-12-7	Anthracene	5.64	mg/kg		29	1728		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	92-87-5	Benzidine	0.026	mg/kg	UJ	0.00051	0.00051		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	56-55-3	Benzo(a)anthracene	31.2	mg/kg		1.1	1.1		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	50-32-8	Benzo(a)pyrene	19.2	mg/kg		0.11	0.11		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	191-24-2	Benzo(g,h,i)perylene	9.53	mg/kg		1.1	173		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	56832-73-6	Benzofluoranthenes, Total	8.43	mg/kg					
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	65-85-0	Benzoic acid	0.301	mg/kg	J	1	24000		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	100-51-6	Benzyl alcohol	0.0289	mg/kg	UJ	120	605		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.0165	mg/kg	U	18	18		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.0263	mg/kg	U	0.22	0.22		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	1.72	mg/kg		0.02	37		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.0357	mg/kg	U	298	298		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	85-68-7	Butyl benzylphthalate	0.0261	mg/kg	U	90	278		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	86-74-8	Carbazole	1.63	mg/kg		7.5	7.5		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	218-01-9	Chrysene	24	mg/kg		1.1	106		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	53-70-3	Dibenzo(a,h)anthracene	0.0032	mg/kg	U	0.1056	0.11		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	132-64-9	Dibenzofuran	0.214	mg/kg		6.1	7.5		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	84-66-2	Diethyl phthalate	0.0234	mg/kg	U	100	4896		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	131-11-3	Dimethyl phthalate	0.0151	mg/kg	U	10	37		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	84-74-2	Di-n-butylphthalate	0.12	mg/kg	UJ	0.011	605		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	117-84-0	Di-n-octylphthalate	0.0357	mg/kg	UJ	0.91	60		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	206-44-0	Fluoranthene	30.7	mg/kg		1.1	230		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	86-73-7	Fluorene	0.977	mg/kg		29	230		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	118-74-1	Hexachlorobenzene	0.0151	mg/kg	U	0.075	0.075		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	77-47-4	Hexachlorocyclopentadiene	0.0194	mg/kg	U	0.001	0.17		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	67-72-1	Hexachloroethane	0.0261	mg/kg	U	0.024	1.7		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	11.3	mg/kg		1.1	1.1		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	78-59-1	Isophorone	0.0192	mg/kg	U	547	547		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	91-20-3	Naphthalene	0.077	mg/kg		1.9	1.9		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	98-95-3	Nitrobenzene	0.0188	mg/kg	U	2.2	4.9		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	62-75-9	N-Nitrosodimethylamine	0.0151	mg/kg	UJ	0.0019	0.0019		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.0151	mg/kg	U	0.075	0.075		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	86-30-6	N-Nitrosodiphenylamine	0.011	mg/kg	U	0.55	106		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	85-01-8	Phenanthrene	0.00293	mg/kg	U	29	1728		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	108-95-2	Phenol	0.0275	mg/kg	U	0.79	1824		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	8270	129-00-0	Pyrene	37.7	mg/kg		1.1	173		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	23.4877	mg/kg					
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	163.6332	mg/kg		1.1			
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	6.70279	mg/kg		29			
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	Krone	1002-53-5	Dibutyltin	0.000653	mg/kg	U	1.8	1.8		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	Krone	78763-54-9	Monobutyltin	0.00144	mg/kg	U	2.2	2.2		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	Krone	1461-25-2	Tetrabutyltin	0.000505	mg/kg	U	2.2	2.2		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	Krone	688-73-3	Tributyltin	0.00104	mg/kg	U	2.2	2.2		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7429-90-5	Aluminum	4720	mg/kg		50	7392		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7440-36-0	Antimony	0.699	mg/kg		0.27	3		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7440-38-2	Arsenic	2.21	mg/kg		0.43	0.43		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7440-39-3	Barium	36.5	mg/kg	J	330	1440		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7440-41-7	Beryllium	0.158	mg/kg	U	15	15		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7440-43-9	Cadmium	0.594	mg/kg		0.36	0.68		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7440-70-2	Calcium	3390	mg/kg					
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7440-47-3	Chromium	1920	mg/kg		0.29	0.29		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7440-48-4	Cobalt	42.3	mg/kg		2.2	2.2		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7440-50-8	Copper	31.9	mg/kg	J	28	298		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7439-89-6	Iron	47300	mg/kg		5280	5280		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7439-92-1	Lead	931	mg/kg	J	11	192		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7439-95-4	Magnesium	73000	mg/kg					
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7439-96-5	Manganese	821	mg/kg	J	173	173		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7439-97-6	Mercury	0.0353	mg/kg		0.013	1.1		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7440-02-0	Nickel	1760	mg/kg	J	38	134		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7440-09-7	Potassium	214	mg/kg	J				
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7782-49-2	Selenium	0.184	mg/kg	J	0.52	37		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7440-22-4	Silver	0.119	mg/kg	J	4.2	37		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7440-23-5	Sodium	142	mg/kg	U				
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7440-28-0	Thallium	0.0361	mg/kg	J	0.05	0.075		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7440-62-2	Vanadium	35.8	mg/kg		7.8	37		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	METALS	7440-66-6	Zinc	94	mg/kg	J	46	2208		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	NWTPH-Dx	TPH-D	Diesel Range Organics	307	mg/kg		260	1100		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	NWTPH-Dx	MOIL	Residual Range Organics	1140	mg/kg		260	2800		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	2.1	mg/kg	J	120	1200		
BIL19	723624.934	7834846.869	10/16/2001	5 - 5	SO	N	011016BIL19SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.135	mg/kg		0.0073	0.23		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8081 Pest	72-54-8	4,4'-DDD	0.00235	mg/kg	U	0.021	2.2		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8081 Pest	72-55-9	4,4'-DDE	0.00235	mg/kg	U	0.021	1.8		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8081 Pest	50-29-3	4,4'-DDT	0.00235	mg/kg	U	0.021	1.8		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8081 Pest	309-00-2	Aldrin	0.00118	mg/kg	U	0.000085	0.031		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8081 Pest	319-84-6	alpha-BHC	0.00118	mg/kg	U	0.0096	0.083		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8081 Pest	319-85-7	beta-BHC	0.00118	mg/kg	U	0.0096	0.086		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8081 Pest	319-86-8	delta-BHC	0.00118	mg/kg	U	0.0096	0.083		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8081 Pest	60-57-1	Dieldrin	0.00235	mg/kg	U	0.0049	0.033		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8081 Pest	959-98-8	Endosulfan I	0.00118	mg/kg	U	0.64	45		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8081 Pest	33213-65-9	Endosulfan II	0.00235	mg/kg	U	0.64	45		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.00235	mg/kg	U	0.64	36		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8081 Pest	72-20-8	Endrin	0.00235	mg/kg	U	0.0014	1.8		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8081 Pest	7421-93-4	Endrin aldehyde	0.00235	mg/kg	U	0.0014	1.8		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8081 Pest	53494-70-5	Endrin ketone	0.00235	mg/kg	U	0.0014	1.8		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.00118	mg/kg	U	0.0096	0.49		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8081 Pest	76-44-8	Heptachlor	0.00118	mg/kg	U	0.0016	0.11		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.00118	mg/kg	U	0.00015	0.055		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8081 Pest	72-43-5	Methoxychlor	0.0118	mg/kg	U	5.1	31		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8081 Pest	12789-03-6	technical-Chlordane	0.0118	mg/kg	U	0.27	1.6		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8081 Pest	8001-35-2	Toxaphene	0.118	mg/kg	U	0.47	0.47		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8082	12674-11-2	Aroclor-1016	0.00131	mg/kg	U	0.041	0.1		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8082	11104-28-2	Aroclor-1221	0.00562	mg/kg	U	0.041	0.19		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8082	11141-16-5	Aroclor-1232	0.00449	mg/kg	U	0.041	0.16		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8082	53469-21-9	Aroclor-1242	0.0024	mg/kg	U	0.041	0.22		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8082	12672-29-6	Aroclor-1248	0.00597	mg/kg	U	0.041	0.22		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8082	11097-69-1	Aroclor-1254	0.00186	mg/kg	U	0.029	0.029		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8082	11096-82-5	Aroclor-1260	0.00205	mg/kg	J	0.041	0.23		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8151	93-76-5	2,4,5-T	0.00174	mg/kg	U	60	60		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8151	93-72-1	2,4,5-TP (Silvex)	0.00255	mg/kg	U	0.055	49		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8151	94-75-7	2,4-D	0.000658	mg/kg	U	67	67		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8151	94-82-6	2,4-DB	0.00112	mg/kg	U				
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.000849	mg/kg	U				
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8151	100-02-7	4-Nitrophenol	0.00176	mg/kg	U	5.1	1824		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8151	75-99-0	Dalapon	0.00243	mg/kg	U	182	182		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8151	1918-00-9	Dicamba	0.00194	mg/kg	U	182	182		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8151	88-85-7	Dinoseb	0.000658	mg/kg	U	0.015	6		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8151	94-74-6	MCPA	0.0012	mg/kg	U	3.1	3.1		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8151	93-65-2	MCPP	0.00218	mg/kg	U	6	6		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8151	87-86-5	Pentachlorophenol	0.00093	mg/kg	U	0.96	1		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.000229	mg/kg	U	0.07	1.9		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	71-55-6	1,1,1-Trichloroethane	0.000229	mg/kg	U	260	778		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.000229	mg/kg	U	0.13	0.58		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	79-00-5	1,1,2-Trichloroethane	0.000229	mg/kg	U	0.14	0.14		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	75-34-3	1,1-Dichloroethane	0.000229	mg/kg	U	3.5	3.5		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	75-35-4	1,1-Dichloroethene	0.000229	mg/kg	U	11	22		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	563-58-6	1,1-Dichloropropene	0.000229	mg/kg	U	0.001	1.7		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.000229	mg/kg	U	6	6		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	96-18-4	1,2,3-Trichloropropane	0.000229	mg/kg	U	0.0049	0.0049		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	120-82-1	1,2,4-Trichlorobenzene	0.000229	mg/kg	UJ	0.27	5.6		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.000229	mg/kg	U	0.09	29		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.000229	mg/kg	U	0.0051	0.0051		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.000229	mg/kg	U	0.035	0.035		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	95-50-1	1,2-Dichlorobenzene	0.000229	mg/kg	U	0.92	173		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	107-06-2	1,2-Dichloroethane	0.000229	mg/kg	U	0.44	0.44		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	78-87-5	1,2-Dichloropropane	0.000229	mg/kg	U	0.28	1.5		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.000229	mg/kg	U	0.16	26		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	541-73-1	1,3-Dichlorobenzene	0.000229	mg/kg	U	0.74	2.5		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	142-28-9	1,3-Dichloropropane	0.000229	mg/kg	U	0.28	154		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	106-46-7	1,4-Dichlorobenzene	0.000229	mg/kg	U	0.89	2.5		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	594-20-7	2,2-Dichloropropane	0.000229	mg/kg	U	0.28	1.5		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	95-49-8	2-Chlorotoluene	0.000229	mg/kg	U	154	154		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	591-78-6	2-Hexanone	0.00115	mg/kg	U	0.36	19		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	106-43-4	4-Chlorotoluene	0.000229	mg/kg	U	154	154		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	67-64-1	Acetone	0.00115	mg/kg	UJ	1.2	6720		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	71-43-2	Benzene	0.000229	mg/kg	U	1.2	1.2		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	108-86-1	Bromobenzene	0.000229	mg/kg	U	28	28		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	74-97-5	Bromochloromethane	0.000229	mg/kg	U	3.4	3.4		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	75-27-4	Bromodichloromethane	0.000229	mg/kg	U	0.28	0.28		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	75-25-2	Bromoform	0.000229	mg/kg	U	0.07	18		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	74-83-9	Bromomethane	0.000229	mg/kg	UJ	0.002	0.65		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	75-15-0	Carbon disulfide	0.000229	mg/kg	U	0.81	74		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	56-23-5	Carbon tetrachloride	0.000229	mg/kg	U	0.62	0.62		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	108-90-7	Chlorobenzene	0.000229	mg/kg	U	2.4	27		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	75-00-3	Chloroethane	0.000229	mg/kg	U	518	518		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	67-66-3	Chloroform	0.000229	mg/kg	U	0.31	0.31		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	74-87-3	Chloromethane	0.000229	mg/kg	U	11	11		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	156-59-2	cis-1,2-Dichloroethene	0.000229	mg/kg	U	6	6		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.000229	mg/kg	U	0.001	1.7		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	124-48-1	Dibromochloromethane	0.000229	mg/kg	U	3.7	3.7		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	74-95-3	Dibromomethane	0.000229	mg/kg	U	2.304	2.3		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	75-71-8	Dichlorodifluoromethane	0.000229	mg/kg	U	8.4	8.4		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	100-41-4	Ethylbenzene	0.000229	mg/kg	U	0.27	5.6		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	87-68-3	Hexachlorobutadiene	0.000229	mg/kg	U	0.009	1.2		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	98-82-8	Isopropylbenzene	0.000229	mg/kg	U	0.04	182		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	179601-23-1	m,p-Xylene	0.000458	mg/kg	U	1.4	53		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	78-93-3	MEK (2-Butanone)	0.00115	mg/kg	U	350	2592		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	75-09-2	Methylene chloride	0.000229	mg/kg	U	2.6	34		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	0.00115	mg/kg	U	9.7	3168		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	91-20-3	Naphthalene	0.000229	mg/kg	UJ	1.9	1.9		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	104-51-8	n-Butylbenzene	0.000229	mg/kg	U	374	374		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	103-65-1	n-Propylbenzene	0.000229	mg/kg	U	365	365		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	95-47-6	o-Xylene	0.000229	mg/kg	U	1.4	61		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	99-87-6	p-Cymene	0.000229	mg/kg	U	0.18	182		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	135-98-8	sec-Butylbenzene	0.000229	mg/kg	U	749	749		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	100-42-5	Styrene	0.000229	mg/kg	U	1.2	576		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	98-06-6	tert-Butylbenzene	0.000229	mg/kg	U	749	749		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	127-18-4	Tetrachloroethene	0.00342	mg/kg		0.18	7.8		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	108-88-3	Toluene	0.000984	mg/kg		23	470		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	156-60-5	trans-1,2-Dichloroethene	0.000229	mg/kg	U	6.7	6.7		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.000229	mg/kg	U	0.001	1.7		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	79-01-6	Trichloroethene	0.000229	mg/kg	U	0.39	0.39		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	75-69-4	Trichlorofluoromethane	0.000229	mg/kg	U	52	2208		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	108-05-4	Vinyl acetate	0.00115	mg/kg	UJ	87	87		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8260	75-01-4	Vinyl chloride	0.000229	mg/kg	U	0.057	0.057		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	95-95-4	2,4,5-Trichlorophenol	0.0264	mg/kg	U	4	605		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	88-06-2	2,4,6-Trichlorophenol	0.0195	mg/kg	U	6	6		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	120-83-2	2,4-Dichlorophenol	0.0161	mg/kg	U	0.05	18		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	105-67-9	2,4-Dimethylphenol	0.0161	mg/kg	U	0.04	125		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	51-28-5	2,4-Dinitrophenol	0.0352	mg/kg	UJ	0.061	12		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	121-14-2	2,4-Dinitrotoluene	0.0191	mg/kg	U	1.6	1.6		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	606-20-2	2,6-Dinitrotoluene	0.0264	mg/kg	UJ	0.3456	0.35		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	91-58-7	2-Chloronaphthalene	0.0044	mg/kg	U	461	461		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	95-57-8	2-Chlorophenol	0.022	mg/kg	U	0.39	37		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	91-57-6	2-Methylnaphthalene	0.00229	mg/kg	U	23	23		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	95-48-7	2-Methylphenol	0.0176	mg/kg	U	0.67	307		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	88-74-4	2-Nitroaniline	0.0191	mg/kg	U	5.3	60		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	88-75-5	2-Nitrophenol	0.0206	mg/kg	U	5.1	1824		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	91-94-1	3,3'-Dichlorobenzidine	0.0161	mg/kg	UJ	0.03	1.2		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	99-09-2	3-Nitroaniline	0.025	mg/kg	UJ	0.02	60		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.0543	mg/kg	UJ	0.49	0.49		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.0195	mg/kg	U				
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	59-50-7	4-Chloro-3-methylphenol	0.0161	mg/kg	U	605	605		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	106-47-8	4-Chloroaniline	0.0137	mg/kg	U	1	2.6		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.0247	mg/kg	U				
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	106-44-5	4-Methylphenol	0.0217	mg/kg	U	0.08	125		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	100-01-6	4-Nitroaniline	0.025	mg/kg	UJ	0.02	24		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	83-32-9	Acenaphthene	0.00727	mg/kg	U	29	346		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	208-96-8	Acenaphthylene	0.0064	mg/kg	U	1.9	1.9		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	62-53-3	Aniline	0.0396	mg/kg	U	42	42		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	120-12-7	Anthracene	0.0037	mg/kg	U	29	1728		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	92-87-5	Benzidine	0.0277	mg/kg	UJ	0.00051	0.00051		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	56-55-3	Benzo(a)anthracene	0.173	mg/kg		1.1	1.1		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	50-32-8	Benzo(a)pyrene	0.135	mg/kg		0.11	0.11		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	191-24-2	Benzo(g,h,i)perylene	0.0411	mg/kg		1.1	173		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	56832-73-6	Benzofluoranthenes, Total	0.197	mg/kg					
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	65-85-0	Benzoic acid	0.0499	mg/kg	U	1	24000		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	100-51-6	Benzyl alcohol	0.0308	mg/kg	UJ	120	605		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.0176	mg/kg	U	18	18		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.028	mg/kg	U	0.22	0.22		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	0.188	mg/kg	J	0.02	37		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.0382	mg/kg	U	298	298		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	85-68-7	Butyl benzylphthalate	0.0352	mg/kg	J	90	278		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	86-74-8	Carbazole	0.00573	mg/kg	U	7.5	7.5		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	218-01-9	Chrysene	0.191	mg/kg	J	1.1	106		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	53-70-3	Dibenzo(a,h)anthracene	0.00342	mg/kg	U	0.1056	0.11		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	132-64-9	Dibenzofuran	0.017	mg/kg	U	6.1	7.5		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	84-66-2	Diethyl phthalate	0.025	mg/kg	U	100	4896		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	131-11-3	Dimethyl phthalate	0.0161	mg/kg	U	10	37		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	84-74-2	Di-n-butylphthalate	0.128	mg/kg	UJ	0.011	605		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	117-84-0	Di-n-octylphthalate	0.0382	mg/kg	UJ	0.91	60		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	206-44-0	Fluoranthene	0.169	mg/kg		1.1	230		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	86-73-7	Fluorene	0.00686	mg/kg	U	29	230		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	118-74-1	Hexachlorobenzene	0.0161	mg/kg	U	0.075	0.075		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	77-47-4	Hexachlorocyclopentadiene	0.0207	mg/kg	U	0.001	0.17		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	67-72-1	Hexachloroethane	0.0279	mg/kg	U	0.024	1.7		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0528	mg/kg		1.1	1.1		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	78-59-1	Isophorone	0.0206	mg/kg	U	547	547		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	98-95-3	Nitrobenzene	0.0201	mg/kg	U	2.2	4.9		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	62-75-9	N-Nitrosodimethylamine	0.0161	mg/kg	UJ	0.0019	0.0019		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.0161	mg/kg	U	0.075	0.075		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	86-30-6	N-Nitrosodiphenylamine	0.0117	mg/kg	U	0.55	106		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	85-01-8	Phenanthrene	0.0235	mg/kg		29	1728		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	108-95-2	Phenol	0.0294	mg/kg	U	0.79	1824		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	8270	129-00-0	Pyrene	0.214	mg/kg		1.1	173		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.1605065	mg/kg					
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.97932	mg/kg		1.1			
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.0546	mg/kg		29			
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	Krone	1002-53-5	Dibutyltin	0.000758	mg/kg	U	1.8	1.8		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	Krone	78763-54-9	Monobutyltin	0.00167	mg/kg	U	2.2	2.2		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	Krone	1461-25-2	Tetrabutyltin	0.000585	mg/kg	U	2.2	2.2		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	Krone	688-73-3	Tributyltin	0.00121	mg/kg	U	2.2	2.2		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7429-90-5	Aluminum	23100	mg/kg		50	7392		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7440-36-0	Antimony	0.526	mg/kg	J	0.27	3		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7440-38-2	Arsenic	2.55	mg/kg		0.43	0.43		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7440-39-3	Barium	110	mg/kg	J	330	1440		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7440-41-7	Beryllium	0.254	mg/kg	J	15	15		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7440-43-9	Cadmium	1.01	mg/kg		0.36	0.68		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7440-70-2	Calcium	6220	mg/kg					
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7440-47-3	Chromium	57	mg/kg		0.29	0.29		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7440-48-4	Cobalt	17.5	mg/kg		2.2	2.2		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7440-50-8	Copper	43.2	mg/kg	J	28	298		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7439-89-6	Iron	32200	mg/kg		5280	5280		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7439-92-1	Lead	52.7	mg/kg	J	11	192		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7439-95-4	Magnesium	12000	mg/kg					
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7439-96-5	Manganese	592	mg/kg	J	173	173		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7439-97-6	Mercury	0.0836	mg/kg		0.013	1.1		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7440-02-0	Nickel	43	mg/kg	J	38	134		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7440-09-7	Potassium	830	mg/kg					
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7782-49-2	Selenium	0.0817	mg/kg	U	0.52	37		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7440-22-4	Silver	0.192	mg/kg	J	4.2	37		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7440-23-5	Sodium	165	mg/kg	J				
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7440-28-0	Thallium	0.093	mg/kg	J	0.05	0.075		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7440-62-2	Vanadium	77.4	mg/kg		7.8	37		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	METALS	7440-66-6	Zinc	234	mg/kg	J	46	2208		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	NWTPH-Dx	TPH-D	Diesel Range Organics	13.9	mg/kg	U	260	1100		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	NWTPH-Dx	MOIL	Residual Range Organics	69.4	mg/kg		260	2800		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.7	mg/kg	U	120	1200		
BIL20	723637.888	7834854.056	10/16/2001	8 - 8	SO	N	011016BIL20SS	Tot_Aroclor_Calc	˜PCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.00988	mg/kg		0.0073	0.23		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8081 Pest	72-54-8	4,4'-DDD	0.00196	mg/kg	U	0.021	2.2		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8081 Pest	72-55-9	4,4'-DDE	0.00196	mg/kg	U	0.021	1.8		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8081 Pest	50-29-3	4,4'-DDT	0.00196	mg/kg	U	0.021	1.8		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8081 Pest	309-00-2	Aldrin	0.000978	mg/kg	U	0.000085	0.031		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8081 Pest	319-84-6	alpha-BHC	0.000978	mg/kg	U	0.0096	0.083		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8081 Pest	319-85-7	beta-BHC	0.000978	mg/kg	U	0.0096	0.086		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8081 Pest	319-86-8	delta-BHC	0.000978	mg/kg	U	0.0096	0.083		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8081 Pest	60-57-1	Dieldrin	0.00196	mg/kg	U	0.0049	0.033		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8081 Pest	959-98-8	Endosulfan I	0.000978	mg/kg	U	0.64	45		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8081 Pest	33213-65-9	Endosulfan II	0.00196	mg/kg	U	0.64	45		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.00196	mg/kg	U	0.64	36		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8081 Pest	72-20-8	Endrin	0.00196	mg/kg	U	0.0014	1.8		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8081 Pest	7421-93-4	Endrin aldehyde	0.00196	mg/kg	U	0.0014	1.8		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8081 Pest	53494-70-5	Endrin ketone	0.00196	mg/kg	U	0.0014	1.8		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.000978	mg/kg	U	0.0096	0.49		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8081 Pest	76-44-8	Heptachlor	0.000978	mg/kg	U	0.0016	0.11		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.000978	mg/kg	U	0.00015	0.055		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8081 Pest	72-43-5	Methoxychlor	0.00978	mg/kg	U	5.1	31		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8081 Pest	12789-03-6	technical-Chlordane	0.0494	mg/kg	J	0.27	1.6		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8081 Pest	8001-35-2	Toxaphene	0.0978	mg/kg	U	0.47	0.47		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8082	12674-11-2	Aroclor-1016	0.0011	mg/kg	U	0.041	0.1		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8082	11104-28-2	Aroclor-1221	0.00472	mg/kg	U	0.041	0.19		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8082	11141-16-5	Aroclor-1232	0.00377	mg/kg	U	0.041	0.16		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8082	53469-21-9	Aroclor-1242	0.00201	mg/kg	U	0.041	0.22		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8082	12672-29-6	Aroclor-1248	0.00501	mg/kg	U	0.041	0.22		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8082	11097-69-1	Aroclor-1254	0.0372	mg/kg		0.029	0.029		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8082	11096-82-5	Aroclor-1260	0.0418	mg/kg		0.041	0.23		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8151	93-76-5	2,4,5-T	0.00148	mg/kg	U	60	60		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8151	93-72-1	2,4,5-TP (Silvex)	0.00217	mg/kg	U	0.055	49		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8151	94-75-7	2,4-D	0.00056	mg/kg	U	67	67		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8151	94-82-6	2,4-DB	0.000951	mg/kg	U				
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.000722	mg/kg	U				
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8151	100-02-7	4-Nitrophenol	0.0015	mg/kg	U	5.1	1824		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8151	75-99-0	Dalapon	0.00207	mg/kg	U	182	182		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8151	1918-00-9	Dicamba	0.00165	mg/kg	U	182	182		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8151	88-85-7	Dinoseb	0.00056	mg/kg	U	0.015	6		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8151	94-74-6	MCPA	0.00102	mg/kg	U	3.1	3.1		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8151	93-65-2	MCPP	0.00186	mg/kg	U	6	6		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8151	87-86-5	Pentachlorophenol	0.000791	mg/kg	U	0.96	1		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.0002	mg/kg	U	0.07	1.9		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	71-55-6	1,1,1-Trichloroethane	0.0002	mg/kg	U	260	778		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.0002	mg/kg	U	0.13	0.58		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	79-00-5	1,1,2-Trichloroethane	0.0002	mg/kg	U	0.14	0.14		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	75-34-3	1,1-Dichloroethane	0.0002	mg/kg	U	3.5	3.5		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	75-35-4	1,1-Dichloroethene	0.0002	mg/kg	U	11	22		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	563-58-6	1,1-Dichloropropene	0.0002	mg/kg	U	0.001	1.7		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.0002	mg/kg	U	6	6		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	96-18-4	1,2,3-Trichloropropane	0.0002	mg/kg	U	0.0049	0.0049		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	120-82-1	1,2,4-Trichlorobenzene	0.0002	mg/kg	UJ	0.27	5.6		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.00023	mg/kg	J	0.09	29		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.0002	mg/kg	U	0.0051	0.0051		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.0002	mg/kg	U	0.035	0.035		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	95-50-1	1,2-Dichlorobenzene	0.0002	mg/kg	U	0.92	173		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	107-06-2	1,2-Dichloroethane	0.0002	mg/kg	U	0.44	0.44		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	78-87-5	1,2-Dichloropropane	0.0002	mg/kg	U	0.28	1.5		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.0002	mg/kg	U	0.16	26		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	541-73-1	1,3-Dichlorobenzene	0.0002	mg/kg	U	0.74	2.5		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	142-28-9	1,3-Dichloropropane	0.0002	mg/kg	U	0.28	154		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	106-46-7	1,4-Dichlorobenzene	0.0002	mg/kg	U	0.89	2.5		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	594-20-7	2,2-Dichloropropane	0.0002	mg/kg	U	0.28	1.5		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	95-49-8	2-Chlorotoluene	0.0002	mg/kg	U	154	154		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	591-78-6	2-Hexanone	0.001	mg/kg	U	0.36	19		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	106-43-4	4-Chlorotoluene	0.0002	mg/kg	U	154	154		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	67-64-1	Acetone	0.001	mg/kg	UJ	1.2	6720		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	71-43-2	Benzene	0.0002	mg/kg	U	1.2	1.2		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	108-86-1	Bromobenzene	0.0002	mg/kg	U	28	28		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	74-97-5	Bromochloromethane	0.0002	mg/kg	U	3.4	3.4		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	75-27-4	Bromodichloromethane	0.0002	mg/kg	U	0.28	0.28		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	75-25-2	Bromoform	0.0002	mg/kg	U	0.07	18		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	74-83-9	Bromomethane	0.0002	mg/kg	UJ	0.002	0.65		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	75-15-0	Carbon disulfide	0.0002	mg/kg	U	0.81	74		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	56-23-5	Carbon tetrachloride	0.0002	mg/kg	U	0.62	0.62		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	108-90-7	Chlorobenzene	0.0002	mg/kg	U	2.4	27		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	75-00-3	Chloroethane	0.0002	mg/kg	U	518	518		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	67-66-3	Chloroform	0.0002	mg/kg	U	0.31	0.31		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	74-87-3	Chloromethane	0.0002	mg/kg	U	11	11		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	156-59-2	cis-1,2-Dichloroethene	0.0002	mg/kg	U	6	6		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.0002	mg/kg	U	0.001	1.7		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	124-48-1	Dibromochloromethane	0.0002	mg/kg	U	3.7	3.7		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	74-95-3	Dibromomethane	0.0002	mg/kg	U	2.304	2.3		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	75-71-8	Dichlorodifluoromethane	0.0002	mg/kg	U	8.4	8.4		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	100-41-4	Ethylbenzene	0.000282	mg/kg	J	0.27	5.6		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	87-68-3	Hexachlorobutadiene	0.0002	mg/kg	U	0.009	1.2		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	98-82-8	Isopropylbenzene	0.0002	mg/kg	U	0.04	182		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	179601-23-1	m,p-Xylene	0.0004	mg/kg	U	1.4	53		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	78-93-3	MEK (2-Butanone)	0.001	mg/kg	U	350	2592		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	75-09-2	Methylene chloride	0.0002	mg/kg	U	2.6	34		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	0.001	mg/kg	U	9.7	3168		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	104-51-8	n-Butylbenzene	0.0002	mg/kg	U	374	374		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	103-65-1	n-Propylbenzene	0.0002	mg/kg	U	365	365		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	95-47-6	o-Xylene	0.000735	mg/kg		1.4	61		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	99-87-6	p-Cymene	0.0002	mg/kg	U	0.18	182		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	135-98-8	sec-Butylbenzene	0.0002	mg/kg	U	749	749		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	100-42-5	Styrene	0.0002	mg/kg	U	1.2	576		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	98-06-6	tert-Butylbenzene	0.0002	mg/kg	U	749	749		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	127-18-4	Tetrachloroethene	0.000707	mg/kg		0.18	7.8		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	108-88-3	Toluene	0.000376	mg/kg	J	23	470		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	156-60-5	trans-1,2-Dichloroethene	0.0002	mg/kg	U	6.7	6.7		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.0002	mg/kg	U	0.001	1.7		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	79-01-6	Trichloroethene	0.0002	mg/kg	U	0.39	0.39		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	75-69-4	Trichlorofluoromethane	0.0002	mg/kg	U	52	2208		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	108-05-4	Vinyl acetate	0.001	mg/kg	UJ	87	87		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8260	75-01-4	Vinyl chloride	0.0002	mg/kg	U	0.057	0.057		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	95-95-4	2,4,5-Trichlorophenol	0.0238	mg/kg	U	4	605		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	88-06-2	2,4,6-Trichlorophenol	0.0176	mg/kg	U	6	6		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	120-83-2	2,4-Dichlorophenol	0.0145	mg/kg	U	0.05	18		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	105-67-9	2,4-Dimethylphenol	0.0145	mg/kg	U	0.04	125		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	51-28-5	2,4-Dinitrophenol	0.0317	mg/kg	UJ	0.061	12		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	121-14-2	2,4-Dinitrotoluene	0.0172	mg/kg	U	1.6	1.6		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	606-20-2	2,6-Dinitrotoluene	0.0238	mg/kg	UJ	0.3456	0.35		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	91-58-7	2-Chloronaphthalene	0.00397	mg/kg	U	461	461		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	95-57-8	2-Chlorophenol	0.0198	mg/kg	U	0.39	37		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	91-57-6	2-Methylnaphthalene	0.00206	mg/kg	U	23	23		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	95-48-7	2-Methylphenol	0.0159	mg/kg	U	0.67	307		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	88-74-4	2-Nitroaniline	0.0172	mg/kg	U	5.3	60		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	88-75-5	2-Nitrophenol	0.0185	mg/kg	U	5.1	1824		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	91-94-1	3,3'-Dichlorobenzidine	0.0145	mg/kg	UJ	0.03	1.2		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	99-09-2	3-Nitroaniline	0.0225	mg/kg	UJ	0.02	60		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.0489	mg/kg	UJ	0.49	0.49		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.0176	mg/kg	U				
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	59-50-7	4-Chloro-3-methylphenol	0.0145	mg/kg	U	605	605		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	106-47-8	4-Chloroaniline	0.0123	mg/kg	U	1	2.6		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.0222	mg/kg	U				
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	106-44-5	4-Methylphenol	0.0196	mg/kg	U	0.08	125		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	100-01-6	4-Nitroaniline	0.0225	mg/kg	UJ	0.02	24		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	83-32-9	Acenaphthene	0.978	mg/kg		29	346		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	208-96-8	Acenaphthylene	0.0714	mg/kg		1.9	1.9		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	62-53-3	Aniline	0.0357	mg/kg	U	42	42		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	120-12-7	Anthracene	4.65	mg/kg		29	1728		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	92-87-5	Benzidine	0.025	mg/kg	UJ	0.00051	0.00051		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	56-55-3	Benzo(a)anthracene	23.1	mg/kg		1.1	1.1		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	50-32-8	Benzo(a)pyrene	15.8	mg/kg		0.11	0.11		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	191-24-2	Benzo(g,h,i)perylene	7.36	mg/kg		1.1	173		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	56832-73-6	Benzofluoranthenes, Total	13.9	mg/kg					
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	65-85-0	Benzoic acid	0.0449	mg/kg	U	1	24000		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	100-51-6	Benzyl alcohol	0.0278	mg/kg	UJ	120	605		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.0159	mg/kg	U	18	18		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.0252	mg/kg	U	0.22	0.22		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	1.51	mg/kg		0.02	37		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.0344	mg/kg	U	298	298		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	85-68-7	Butyl benzylphthalate	0.0251	mg/kg	U	90	278		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	86-74-8	Carbazole	1.07	mg/kg		7.5	7.5		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	218-01-9	Chrysene	19.8	mg/kg		1.1	106		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	53-70-3	Dibenzo(a,h)anthracene	0.00308	mg/kg	U	0.1056	0.11		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	132-64-9	Dibenzofuran	0.161	mg/kg		6.1	7.5		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	84-66-2	Diethyl phthalate	0.0304	mg/kg	J	100	4896		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	131-11-3	Dimethyl phthalate	0.0145	mg/kg	U	10	37		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	84-74-2	Di-n-butylphthalate	0.115	mg/kg	UJ	0.011	605		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	117-84-0	Di-n-octylphthalate	0.0344	mg/kg	UJ	0.91	60		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	206-44-0	Fluoranthene	25.8	mg/kg		1.1	230		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	86-73-7	Fluorene	0.673	mg/kg		29	230		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	118-74-1	Hexachlorobenzene	0.0145	mg/kg	U	0.075	0.075		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	77-47-4	Hexachlorocyclopentadiene	0.0166	mg/kg	U	0.001	0.17		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	67-72-1	Hexachloroethane	0.0251	mg/kg	U	0.024	1.7		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	8.93	mg/kg		1.1	1.1		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	78-59-1	Isophorone	0.0185	mg/kg	U	547	547		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	91-20-3	Naphthalene	0.0449	mg/kg		1.9	1.9		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	98-95-3	Nitrobenzene	0.0181	mg/kg	U	2.2	4.9		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	62-75-9	N-Nitrosodimethylamine	0.0145	mg/kg	UJ	0.0019	0.0019		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.0145	mg/kg	U	0.075	0.075		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	86-30-6	N-Nitrosodiphenylamine	0.0106	mg/kg	U	0.55	106		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	85-01-8	Phenanthrene	9.37	mg/kg		29	1728		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	108-95-2	Phenol	0.0264	mg/kg	U	0.79	1824		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	8270	129-00-0	Pyrene	31.6	mg/kg		1.1	173		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	19.036	mg/kg					
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	132.39308	mg/kg		1.1			
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	15.7873	mg/kg		29			
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	Krone	1002-53-5	Dibutyltin	0.000567	mg/kg	U	1.8	1.8		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	Krone	78763-54-9	Monobutyltin	0.00125	mg/kg	U	2.2	2.2		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	Krone	1461-25-2	Tetrabutyltin	0.000438	mg/kg	U	2.2	2.2		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	Krone	688-73-3	Tributyltin	0.000903	mg/kg	U	2.2	2.2		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7429-90-5	Aluminum	5090	mg/kg		50	7392		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7440-36-0	Antimony	0.556	mg/kg	J	0.27	3		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7440-38-2	Arsenic	1.6	mg/kg		0.43	0.43		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7440-39-3	Barium	34	mg/kg	J	330	1440		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7440-41-7	Beryllium	0.155	mg/kg	U	15	15		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7440-43-9	Cadmium	0.559	mg/kg		0.36	0.68		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7440-70-2	Calcium	4470	mg/kg					
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7440-47-3	Chromium	2300	mg/kg		0.29	0.29		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7440-48-4	Cobalt	32.4	mg/kg		2.2	2.2		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7440-50-8	Copper	29.8	mg/kg	J	28	298		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7439-89-6	Iron	50700	mg/kg		5280	5280		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7439-92-1	Lead	912	mg/kg	J	11	192		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7439-95-4	Magnesium	88300	mg/kg					
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7439-96-5	Manganese	944	mg/kg	J	173	173		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7439-97-6	Mercury	0.0354	mg/kg		0.013	1.1		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7440-02-0	Nickel	684	mg/kg	J	38	134		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7440-09-7	Potassium	279	mg/kg	J				
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7782-49-2	Selenium	0.154	mg/kg	J	0.52	37		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7440-22-4	Silver	0.101	mg/kg	J	4.2	37		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7440-23-5	Sodium	139	mg/kg	U				
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7440-28-0	Thallium	0.0442	mg/kg	J	0.05	0.075		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7440-62-2	Vanadium	34	mg/kg		7.8	37		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	METALS	7440-66-6	Zinc	84.5	mg/kg	J	46	2208		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	NWTPH-Dx	TPH-D	Diesel Range Organics	190	mg/kg		260	1100		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	NWTPH-Dx	MOIL	Residual Range Organics	633	mg/kg		260	2800		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	3.05	mg/kg	J	120	1200		
BIL21	723631.788	7834865.99	10/16/2001	5 - 5	SO	N	011016BIL21SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.084	mg/kg		0.0073	0.23		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8081 Pest	72-54-8	4,4'-DDD	0.00223	mg/kg	U	0.021	2.2		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8081 Pest	72-55-9	4,4'-DDE	0.00223	mg/kg	U	0.021	1.8		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8081 Pest	50-29-3	4,4'-DDT	0.00223	mg/kg	U	0.021	1.8		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8081 Pest	309-00-2	Aldrin	0.00111	mg/kg	U	0.000085	0.031		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8081 Pest	319-84-6	alpha-BHC	0.00111	mg/kg	U	0.0096	0.083		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8081 Pest	319-85-7	beta-BHC	0.00111	mg/kg	U	0.0096	0.086		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8081 Pest	319-86-8	delta-BHC	0.00111	mg/kg	U	0.0096	0.083		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8081 Pest	60-57-1	Dieldrin	0.00223	mg/kg	U	0.0049	0.033		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8081 Pest	959-98-8	Endosulfan I	0.00111	mg/kg	U	0.64	45		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8081 Pest	33213-65-9	Endosulfan II	0.00223	mg/kg	U	0.64	45		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.00223	mg/kg	U	0.64	36		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8081 Pest	72-20-8	Endrin	0.00223	mg/kg	U	0.0014	1.8		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8081 Pest	7421-93-4	Endrin aldehyde	0.00223	mg/kg	U	0.0014	1.8		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8081 Pest	53494-70-5	Endrin ketone	0.00223	mg/kg	U	0.0014	1.8		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.00111	mg/kg	U	0.0096	0.49		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8081 Pest	76-44-8	Heptachlor	0.00111	mg/kg	U	0.0016	0.11		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.00111	mg/kg	U	0.00015	0.055		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8081 Pest	72-43-5	Methoxychlor	0.0111	mg/kg	U	5.1	31		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8081 Pest	12789-03-6	technical-Chlordane	0.0916	mg/kg	J	0.27	1.6		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8081 Pest	8001-35-2	Toxaphene	0.111	mg/kg	U	0.47	0.47		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8082	12674-11-2	Aroclor-1016	0.0108	mg/kg	U	0.041	0.1		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8082	11104-28-2	Aroclor-1221	0.0108	mg/kg	U	0.041	0.19		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8082	11141-16-5	Aroclor-1232	0.0108	mg/kg	U	0.041	0.16		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8082	53469-21-9	Aroclor-1242	0.0108	mg/kg	U	0.041	0.22		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8082	12672-29-6	Aroclor-1248	0.0108	mg/kg	U	0.041	0.22		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8082	11097-69-1	Aroclor-1254	0.122	mg/kg		0.029	0.029		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8082	11096-82-5	Aroclor-1260	0.118	mg/kg		0.041	0.23		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8151	93-76-5	2,4,5-T	0.00704	mg/kg	U	60	60		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8151	93-72-1	2,4,5-TP (Silvex)	0.00704	mg/kg	U	0.055	49		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8151	94-75-7	2,4-D	0.00704	mg/kg	U	67	67		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8151	94-82-6	2,4-DB	0.00704	mg/kg	U				
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.00704	mg/kg	U				
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8151	100-02-7	4-Nitrophenol	0.00704	mg/kg	U	5.1	1824		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8151	75-99-0	Dalapon	0.00704	mg/kg	U	182	182		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8151	1918-00-9	Dicamba	0.00704	mg/kg	U	182	182		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8151	88-85-7	Dinoseb	0.00704	mg/kg	U	0.015	6		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8151	94-74-6	MCPA	0.00704	mg/kg	U	3.1	3.1		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8151	93-65-2	MCPP	0.00704	mg/kg	U	6	6		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8151	87-86-5	Pentachlorophenol	0.00704	mg/kg	U	0.96	1		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.000424	mg/kg	U	0.07	1.9		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	71-55-6	1,1,1-Trichloroethane	0.000424	mg/kg	U	260	778		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.000424	mg/kg	U	0.13	0.58		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	79-00-5	1,1,2-Trichloroethane	0.000424	mg/kg	U	0.14	0.14		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	75-34-3	1,1-Dichloroethane	0.000424	mg/kg	U	3.5	3.5		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	75-35-4	1,1-Dichloroethene	0.000424	mg/kg	U	11	22		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	563-58-6	1,1-Dichloropropene	0.000424	mg/kg	U	0.001	1.7		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.000424	mg/kg	U	6	6		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	96-18-4	1,2,3-Trichloropropane	0.000424	mg/kg	U	0.0049	0.0049		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	120-82-1	1,2,4-Trichlorobenzene	0.000424	mg/kg	UJ	0.27	5.6		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.000424	mg/kg	U	0.09	29		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.000424	mg/kg	U	0.0051	0.0051		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.000424	mg/kg	U	0.035	0.035		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	95-50-1	1,2-Dichlorobenzene	0.000424	mg/kg	U	0.92	173		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	107-06-2	1,2-Dichloroethane	0.000424	mg/kg	U	0.44	0.44		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	78-87-5	1,2-Dichloropropane	0.000424	mg/kg	U	0.28	1.5		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.000424	mg/kg	U	0.16	26		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	541-73-1	1,3-Dichlorobenzene	0.000424	mg/kg	U	0.74	2.5		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	142-28-9	1,3-Dichloropropane	0.000424	mg/kg	U	0.28	154		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	106-46-7	1,4-Dichlorobenzene	0.000424	mg/kg	U	0.89	2.5		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	594-20-7	2,2-Dichloropropane	0.000424	mg/kg	U	0.28	1.5		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	95-49-8	2-Chlorotoluene	0.000424	mg/kg	U	154	154		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	591-78-6	2-Hexanone	0.00212	mg/kg	U	0.36	19		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	106-43-4	4-Chlorotoluene	0.000424	mg/kg	U	154	154		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	67-64-1	Acetone	0.00212	mg/kg	UJ	1.2	6720		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	71-43-2	Benzene	0.000424	mg/kg	U	1.2	1.2		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	108-86-1	Bromobenzene	0.000424	mg/kg	U	28	28		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	74-97-5	Bromochloromethane	0.000424	mg/kg	U	3.4	3.4		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	75-27-4	Bromodichloromethane	0.000424	mg/kg	U	0.28	0.28		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	75-25-2	Bromoform	0.000424	mg/kg	U	0.07	18		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	74-83-9	Bromomethane	0.000424	mg/kg	UJ	0.002	0.65		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	75-15-0	Carbon disulfide	0.000424	mg/kg	U	0.81	74		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	56-23-5	Carbon tetrachloride	0.000424	mg/kg	U	0.62	0.62		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	108-90-7	Chlorobenzene	0.000424	mg/kg	U	2.4	27		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	75-00-3	Chloroethane	0.000424	mg/kg	U	518	518		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	67-66-3	Chloroform	0.000424	mg/kg	U	0.31	0.31		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	74-87-3	Chloromethane	0.000424	mg/kg	U	11	11		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	156-59-2	cis-1,2-Dichloroethene	0.000424	mg/kg	U	6	6		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.000424	mg/kg	U	0.001	1.7		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	124-48-1	Dibromochloromethane	0.000424	mg/kg	U	3.7	3.7		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	74-95-3	Dibromomethane	0.000424	mg/kg	U	2.304	2.3		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	75-71-8	Dichlorodifluoromethane	0.000424	mg/kg	U	8.4	8.4		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	100-41-4	Ethylbenzene	0.000424	mg/kg	U	0.27	5.6		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	87-68-3	Hexachlorobutadiene	0.000424	mg/kg	U	0.009	1.2		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	98-82-8	Isopropylbenzene	0.000424	mg/kg	U	0.04	182		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	179601-23-1	m,p-Xylene	0.000849	mg/kg	U	1.4	53		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	78-93-3	MEK (2-Butanone)	0.00212	mg/kg	U	350	2592		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	75-09-2	Methylene chloride	0.00162	mg/kg	U	2.6	34		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	0.00212	mg/kg	U	9.7	3168		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	104-51-8	n-Butylbenzene	0.000424	mg/kg	U	374	374		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	103-65-1	n-Propylbenzene	0.000424	mg/kg	U	365	365		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	95-47-6	o-Xylene	0.000424	mg/kg	U	1.4	61		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	99-87-6	p-Cymene	0.000424	mg/kg	U	0.18	182		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	135-98-8	sec-Butylbenzene	0.000424	mg/kg	U	749	749		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	100-42-5	Styrene	0.000424	mg/kg	U	1.2	576		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	98-06-6	tert-Butylbenzene	0.000424	mg/kg	U	749	749		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	127-18-4	Tetrachloroethene	0.00249	mg/kg		0.18	7.8		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	108-88-3	Toluene	0.000424	mg/kg	U	23	470		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	156-60-5	trans-1,2-Dichloroethene	0.000424	mg/kg	U	6.7	6.7		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.000424	mg/kg	U	0.001	1.7		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	79-01-6	Trichloroethene	0.000424	mg/kg	U	0.39	0.39		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	75-69-4	Trichlorofluoromethane	0.000424	mg/kg	U	52	2208		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	108-05-4	Vinyl acetate	0.00212	mg/kg	UJ	87	87		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8260	75-01-4	Vinyl chloride	0.000424	mg/kg	U	0.057	0.057		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	95-95-4	2,4,5-Trichlorophenol	0.148	mg/kg	U	4	605		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	88-06-2	2,4,6-Trichlorophenol	0.148	mg/kg	U	6	6		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	120-83-2	2,4-Dichlorophenol	0.148	mg/kg	U	0.05	18		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	105-67-9	2,4-Dimethylphenol	0.148	mg/kg	U	0.04	125		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	51-28-5	2,4-Dinitrophenol	0.369	mg/kg	UJ	0.061	12		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	121-14-2	2,4-Dinitrotoluene	0.148	mg/kg	U	1.6	1.6		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	606-20-2	2,6-Dinitrotoluene	0.148	mg/kg	UJ	0.3456	0.35		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	91-58-7	2-Chloronaphthalene	0.0148	mg/kg	U	461	461		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	95-57-8	2-Chlorophenol	0.148	mg/kg	U	0.39	37		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	91-57-6	2-Methylnaphthalene	0.0148	mg/kg	U	23	23		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	95-48-7	2-Methylphenol	0.148	mg/kg	U	0.67	307		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	88-74-4	2-Nitroaniline	0.148	mg/kg	U	5.3	60		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	88-75-5	2-Nitrophenol	0.148	mg/kg	U	5.1	1824		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	91-94-1	3,3'-Dichlorobenzidine	0.148	mg/kg	UJ	0.03	1.2		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	99-09-2	3-Nitroaniline	0.148	mg/kg	UJ	0.02	60		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.369	mg/kg	UJ	0.49	0.49		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.148	mg/kg	U				
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	59-50-7	4-Chloro-3-methylphenol	0.148	mg/kg	U	605	605		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	106-47-8	4-Chloroaniline	0.148	mg/kg	U	1	2.6		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.148	mg/kg	U				
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	100-01-6	4-Nitroaniline	0.148	mg/kg	UJ	0.02	24		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	83-32-9	Acenaphthene	0.551	mg/kg		29	346		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	208-96-8	Acenaphthylene	0.0502	mg/kg		1.9	1.9		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	62-53-3	Aniline	0.148	mg/kg	U	42	42		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	120-12-7	Anthracene	1.56	mg/kg		29	1728		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	92-87-5	Benzidine	0.369	mg/kg	UJ	0.00051	0.00051		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	56-55-3	Benzo(a)anthracene	7.84	mg/kg		1.1	1.1		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	50-32-8	Benzo(a)pyrene	6.72	mg/kg		0.11	0.11		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	191-24-2	Benzo(g,h,i)perylene	3.02	mg/kg		1.1	173		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	56832-73-6	Benzofluoranthenes, Total	7.31	mg/kg					
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	65-85-0	Benzoic acid	0.369	mg/kg	U	1	24000		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	100-51-6	Benzyl alcohol	0.148	mg/kg	UJ	120	605		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.148	mg/kg	U	18	18		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.148	mg/kg	U	0.22	0.22		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	0.888	mg/kg		0.02	37		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.148	mg/kg	U	298	298		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	85-68-7	Butyl benzylphthalate	0.148	mg/kg	U	90	278		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	86-74-8	Carbazole	0.538	mg/kg		7.5	7.5		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	218-01-9	Chrysene	8.04	mg/kg		1.1	106		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	53-70-3	Dibenzo(a,h)anthracene	0.0148	mg/kg	U	0.1056	0.11		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	132-64-9	Dibenzofuran	0.0665	mg/kg	J	6.1	7.5		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	84-66-2	Diethyl phthalate	0.0281	mg/kg	J	100	4896		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	131-11-3	Dimethyl phthalate	0.148	mg/kg	U	10	37		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	84-74-2	Di-n-butylphthalate	0.739	mg/kg	UJ	0.011	605		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	117-84-0	Di-n-octylphthalate	0.148	mg/kg	UJ	0.91	60		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	206-44-0	Fluoranthene	15.8	mg/kg		1.1	230		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	86-73-7	Fluorene	0.36	mg/kg		29	230		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	118-74-1	Hexachlorobenzene	0.148	mg/kg	U	0.075	0.075		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	77-47-4	Hexachlorocyclopentadiene	0.148	mg/kg	U	0.001	0.17		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	67-72-1	Hexachloroethane	0.148	mg/kg	U	0.024	1.7		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	0.405	mg/kg		1.1	1.1		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	78-59-1	Isophorone	0.148	mg/kg	U	547	547		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	91-20-3	Naphthalene	0.0458	mg/kg		1.9	1.9		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	98-95-3	Nitrobenzene	0.148	mg/kg	U	2.2	4.9		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	62-75-9	N-Nitrosodimethylamine	0.369	mg/kg	UJ	0.0019	0.0019		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.148	mg/kg	U	0.075	0.075		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	86-30-6	N-Nitrosodiphenylamine	0.148	mg/kg	U	0.55	106		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	85-01-8	Phenanthrene	4.05	mg/kg		29	1728		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	108-95-2	Phenol	0.148	mg/kg	U	0.79	1824		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	8270	129-00-0	Pyrene	21.6	mg/kg		1.1	173		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	Krone	1002-53-5	Dibutyltin	0.00222	mg/kg	U	1.8	1.8		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	Krone	78763-54-9	Monobutyltin	0.00296	mg/kg	U	2.2	2.2		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	Krone	1461-25-2	Tetrabutyltin	0.00148	mg/kg	U	2.2	2.2		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	Krone	688-73-3	Tributyltin	0.0154	mg/kg		2.2	2.2		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7429-90-5	Aluminum	8880	mg/kg		50	7392		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7440-36-0	Antimony	2.36	mg/kg		0.27	3		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7440-38-2	Arsenic	4.99	mg/kg		0.43	0.43		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7440-39-3	Barium	124	mg/kg	J	330	1440		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7440-41-7	Beryllium	0.421	mg/kg	U	15	15		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7440-43-9	Cadmium	3.15	mg/kg		0.36	0.68		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7440-70-2	Calcium	7870	mg/kg					
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7440-47-3	Chromium	833	mg/kg		0.29	0.29		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7440-48-4	Cobalt	20.1	mg/kg		2.2	2.2		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7440-50-8	Copper	441	mg/kg	J	28	298		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7439-89-6	Iron	42000	mg/kg		5280	5280		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7439-92-1	Lead	1160	mg/kg	J	11	192		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7439-95-4	Magnesium	26800	mg/kg					
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7439-96-5	Manganese	905	mg/kg	J	173	173		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7439-97-6	Mercury	0.0897	mg/kg		0.013	1.1		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7440-02-0	Nickel	448	mg/kg	J	38	134		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7440-09-7	Potassium	671	mg/kg					
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7782-49-2	Selenium	0.421	mg/kg	U	0.52	37		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7440-22-4	Silver	0.718	mg/kg		4.2	37		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7440-23-5	Sodium	421	mg/kg	U				
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7440-28-0	Thallium	0.0818	mg/kg	J	0.05	0.075		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7440-62-2	Vanadium	53.8	mg/kg		7.8	37		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	METALS	7440-66-6	Zinc	1180	mg/kg	J	46	2208		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	NWTPH-Dx	TPH-D	Diesel Range Organics	123	mg/kg		260	1100		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	NWTPH-Dx	MOIL	Residual Range Organics	553	mg/kg		260	2800		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	FD	011016BIL23SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.36	mg/kg	U	120	1200		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8081 Pest	72-54-8	4,4'-DDD	0.00224	mg/kg	U	0.021	2.2		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8081 Pest	72-55-9	4,4'-DDE	0.00224	mg/kg	U	0.021	1.8		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8081 Pest	50-29-3	4,4'-DDT	0.00224	mg/kg	U	0.021	1.8		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8081 Pest	309-00-2	Aldrin	0.00112	mg/kg	U	0.000085	0.031		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8081 Pest	319-84-6	alpha-BHC	0.00112	mg/kg	U	0.0096	0.083		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8081 Pest	319-85-7	beta-BHC	0.00112	mg/kg	U	0.0096	0.086		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8081 Pest	319-86-8	delta-BHC	0.00112	mg/kg	U	0.0096	0.083		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8081 Pest	60-57-1	Dieldrin	0.00224	mg/kg	U	0.0049	0.033		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8081 Pest	959-98-8	Endosulfan I	0.00112	mg/kg	U	0.64	45		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8081 Pest	33213-65-9	Endosulfan II	0.00224	mg/kg	U	0.64	45		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8081 Pest	1031-07-8	Endosulfan sulfate	0.00224	mg/kg	U	0.64	36		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8081 Pest	72-20-8	Endrin	0.00224	mg/kg	U	0.0014	1.8		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8081 Pest	7421-93-4	Endrin aldehyde	0.00224	mg/kg	U	0.0014	1.8		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8081 Pest	53494-70-5	Endrin ketone	0.00224	mg/kg	U	0.0014	1.8		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.00112	mg/kg	U	0.0096	0.49		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8081 Pest	76-44-8	Heptachlor	0.00307	mg/kg		0.0016	0.11		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8081 Pest	1024-57-3	Heptachlor epoxide	0.00112	mg/kg	U	0.00015	0.055		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8081 Pest	72-43-5	Methoxychlor	0.0112	mg/kg	U	5.1	31		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8081 Pest	12789-03-6	technical-Chlordane	0.0938	mg/kg	J	0.27	1.6		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8081 Pest	8001-35-2	Toxaphene	0.112	mg/kg	U	0.47	0.47		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8082	12674-11-2	Aroclor-1016	0.00114	mg/kg	U	0.041	0.1		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8082	11104-28-2	Aroclor-1221	0.00489	mg/kg	U	0.041	0.19		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8082	11141-16-5	Aroclor-1232	0.0039	mg/kg	U	0.041	0.16		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8082	53469-21-9	Aroclor-1242	0.00209	mg/kg	U	0.041	0.22		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8082	12672-29-6	Aroclor-1248	0.00519	mg/kg	U	0.041	0.22		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8082	11097-69-1	Aroclor-1254	0.0861	mg/kg		0.029	0.029		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8082	11096-82-5	Aroclor-1260	0.0645	mg/kg		0.041	0.23		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8151	93-76-5	2,4,5-T	0.00157	mg/kg	U	60	60		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8151	93-72-1	2,4,5-TP (Silvex)	0.0023	mg/kg	U	0.055	49		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8151	94-75-7	2,4-D	0.000594	mg/kg	U	67	67		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8151	94-82-6	2,4-DB	0.00101	mg/kg	U				
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8151	120-36-5	2,4-DP (Dichloroprop)	0.000767	mg/kg	U				
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8151	100-02-7	4-Nitrophenol	0.00159	mg/kg	U	5.1	1824		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8151	75-99-0	Dalapon	0.0022	mg/kg	U	182	182		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8151	1918-00-9	Dicamba	0.00175	mg/kg	U	182	182		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8151	88-85-7	Dinoseb	0.000594	mg/kg	U	0.015	6		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8151	94-74-6	MCPA	0.00108	mg/kg	U	3.1	3.1		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8151	93-65-2	MCPP	0.00197	mg/kg	U	6	6		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8151	87-86-5	Pentachlorophenol	0.00084	mg/kg	U	0.96	1		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.000215	mg/kg	U	0.07	1.9		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	71-55-6	1,1,1-Trichloroethane	0.000215	mg/kg	U	260	778		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.000215	mg/kg	U	0.13	0.58		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	79-00-5	1,1,2-Trichloroethane	0.000215	mg/kg	U	0.14	0.14		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	75-34-3	1,1-Dichloroethane	0.000215	mg/kg	U	3.5	3.5		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	75-35-4	1,1-Dichloroethene	0.000215	mg/kg	U	11	22		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	563-58-6	1,1-Dichloropropene	0.000215	mg/kg	U	0.001	1.7		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	87-61-6	1,2,3-Trichlorobenzene	0.000215	mg/kg	U	6	6		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	96-18-4	1,2,3-Trichloropropane	0.000215	mg/kg	U	0.0049	0.0049		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	120-82-1	1,2,4-Trichlorobenzene	0.000215	mg/kg	UJ	0.27	5.6		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	95-63-6	1,2,4-Trimethylbenzene	0.000215	mg/kg	U	0.09	29		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.000215	mg/kg	U	0.0051	0.0051		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	106-93-4	1,2-Dibromoethane (EDB)	0.000215	mg/kg	U	0.035	0.035		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	95-50-1	1,2-Dichlorobenzene	0.000215	mg/kg	U	0.92	173		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	107-06-2	1,2-Dichloroethane	0.000215	mg/kg	U	0.44	0.44		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	78-87-5	1,2-Dichloropropane	0.000215	mg/kg	U	0.28	1.5		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	108-67-8	1,3,5-Trimethylbenzene	0.000215	mg/kg	U	0.16	26		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	541-73-1	1,3-Dichlorobenzene	0.000215	mg/kg	U	0.74	2.5		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	142-28-9	1,3-Dichloropropane	0.000215	mg/kg	U	0.28	154		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	106-46-7	1,4-Dichlorobenzene	0.000215	mg/kg	U	0.89	2.5		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	594-20-7	2,2-Dichloropropane	0.000215	mg/kg	U	0.28	1.5		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	95-49-8	2-Chlorotoluene	0.000215	mg/kg	U	154	154		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	591-78-6	2-Hexanone	0.00108	mg/kg	U	0.36	19		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	106-43-4	4-Chlorotoluene	0.000215	mg/kg	U	154	154		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	67-64-1	Acetone	0.00108	mg/kg	UJ	1.2	6720		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	71-43-2	Benzene	0.000215	mg/kg	U	1.2	1.2		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	108-86-1	Bromobenzene	0.000215	mg/kg	U	28	28		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	74-97-5	Bromochloromethane	0.000215	mg/kg	U	3.4	3.4		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	75-27-4	Bromodichloromethane	0.000215	mg/kg	U	0.28	0.28		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	75-25-2	Bromoform	0.000215	mg/kg	U	0.07	18		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	74-83-9	Bromomethane	0.000215	mg/kg	UJ	0.002	0.65		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	75-15-0	Carbon disulfide	0.000215	mg/kg	U	0.81	74		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	56-23-5	Carbon tetrachloride	0.000215	mg/kg	U	0.62	0.62		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	108-90-7	Chlorobenzene	0.000215	mg/kg	U	2.4	27		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	75-00-3	Chloroethane	0.000215	mg/kg	U	518	518		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	67-66-3	Chloroform	0.000215	mg/kg	U	0.31	0.31		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	74-87-3	Chloromethane	0.000215	mg/kg	U	11	11		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	156-59-2	cis-1,2-Dichloroethene	0.000215	mg/kg	U	6	6		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	10061-01-5	cis-1,3-Dichloropropene	0.000215	mg/kg	U	0.001	1.7		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	124-48-1	Dibromochloromethane	0.000215	mg/kg	U	3.7	3.7		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	74-95-3	Dibromomethane	0.000215	mg/kg	U	2.304	2.3		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	75-71-8	Dichlorodifluoromethane	0.000215	mg/kg	U	8.4	8.4		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	100-41-4	Ethylbenzene	0.000215	mg/kg	U	0.27	5.6		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	87-68-3	Hexachlorobutadiene	0.000215	mg/kg	U	0.009	1.2		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	98-82-8	Isopropylbenzene	0.000215	mg/kg	U	0.04	182		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	179601-23-1	m,p-Xylene	0.000431	mg/kg	U	1.4	53		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	78-93-3	MEK (2-Butanone)	0.00108	mg/kg	U	350	2592		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	75-09-2	Methylene chloride	0.000215	mg/kg	U	2.6	34		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	108-10-1	MIBK (Methyl isobutyl ketone)	0.00108	mg/kg	U	9.7	3168		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	104-51-8	n-Butylbenzene	0.000215	mg/kg	U	374	374		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	103-65-1	n-Propylbenzene	0.000215	mg/kg	U	365	365		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	95-47-6	o-Xylene	0.000215	mg/kg	U	1.4	61		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	99-87-6	p-Cymene	0.000215	mg/kg	U	0.18	182		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	135-98-8	sec-Butylbenzene	0.000215	mg/kg	U	749	749		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	100-42-5	Styrene	0.000215	mg/kg	U	1.2	576		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	98-06-6	tert-Butylbenzene	0.000215	mg/kg	U	749	749		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	127-18-4	Tetrachloroethene	0.00408	mg/kg		0.18	7.8		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	108-88-3	Toluene	0.000215	mg/kg	U	23	470		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	156-60-5	trans-1,2-Dichloroethene	0.000215	mg/kg	U	6.7	6.7		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	10061-02-6	trans-1,3-Dichloropropene	0.000215	mg/kg	U	0.001	1.7		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	79-01-6	Trichloroethene	0.000215	mg/kg	U	0.39	0.39		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	75-69-4	Trichlorofluoromethane	0.000215	mg/kg	U	52	2208		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	108-05-4	Vinyl acetate	0.00108	mg/kg	UJ	87	87		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8260	75-01-4	Vinyl chloride	0.000215	mg/kg	U	0.057	0.057		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	95-95-4	2,4,5-Trichlorophenol	0.0256	mg/kg	U	4	605		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	88-06-2	2,4,6-Trichlorophenol	0.0189	mg/kg	U	6	6		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	120-83-2	2,4-Dichlorophenol	0.0156	mg/kg	U	0.05	18		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	105-67-9	2,4-Dimethylphenol	0.0156	mg/kg	U	0.04	125		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	51-28-5	2,4-Dinitrophenol	0.0341	mg/kg	UJ	0.061	12		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	121-14-2	2,4-Dinitrotoluene	0.0185	mg/kg	U	1.6	1.6		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	606-20-2	2,6-Dinitrotoluene	0.0256	mg/kg	UJ	0.3456	0.35		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	91-58-7	2-Chloronaphthalene	0.00427	mg/kg	U	461	461		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	95-57-8	2-Chlorophenol	0.0213	mg/kg	U	0.39	37		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	91-57-6	2-Methylnaphthalene	0.00222	mg/kg	U	23	23		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	95-48-7	2-Methylphenol	0.0171	mg/kg	U	0.67	307		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	88-74-4	2-Nitroaniline	0.0185	mg/kg	U	5.3	60		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	88-75-5	2-Nitrophenol	0.0199	mg/kg	U	5.1	1824		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	91-94-1	3,3'-Dichlorobenzidine	0.0156	mg/kg	UJ	0.03	1.2		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	99-09-2	3-Nitroaniline	0.0242	mg/kg	UJ	0.02	60		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.0526	mg/kg	UJ	0.49	0.49		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	101-55-3	4-Bromophenyl phenyl ether	0.0189	mg/kg	U				
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	59-50-7	4-Chloro-3-methylphenol	0.0156	mg/kg	U	605	605		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	106-47-8	4-Chloroaniline	0.0132	mg/kg	U	1	2.6		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.0239	mg/kg	U				
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	106-44-5	4-Methylphenol	0.021	mg/kg	U	0.08	125		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	100-01-6	4-Nitroaniline	0.0242	mg/kg	UJ	0.02	24		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	83-32-9	Acenaphthene	0.601	mg/kg		29	346		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	208-96-8	Acenaphthylene	0.0526	mg/kg		1.9	1.9		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	62-53-3	Aniline	0.0384	mg/kg	U	42	42		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	120-12-7	Anthracene	2	mg/kg		29	1728		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	92-87-5	Benzidine	0.0269	mg/kg	UJ	0.00051	0.00051		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	56-55-3	Benzo(a)anthracene	11	mg/kg		1.1	1.1		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	50-32-8	Benzo(a)pyrene	8.67	mg/kg		0.11	0.11		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	191-24-2	Benzo(g,h,i)perylene	3.02	mg/kg		1.1	173		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	56832-73-6	Benzofluoranthenes, Total	9.67	mg/kg					
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	65-85-0	Benzoic acid	0.3	mg/kg	J	1	24000		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	100-51-6	Benzyl alcohol	0.0299	mg/kg	UJ	120	605		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	111-91-1	Bis (2-chloroethoxy) methane	0.0171	mg/kg	U	18	18		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	111-44-4	Bis (2-chloroethyl) ether	0.0272	mg/kg	U	0.22	0.22		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	117-81-7	Bis (2-ethylhexyl) phthalate	0.0583	mg/kg	U	0.02	37		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.037	mg/kg	U	298	298		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	85-68-7	Butyl benzylphthalate	0.027	mg/kg	U	90	278		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	86-74-8	Carbazole	0.646	mg/kg		7.5	7.5		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	218-01-9	Chrysene	8.79	mg/kg		1.1	106		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	53-70-3	Dibenzo(a,h)anthracene	0.573	mg/kg		0.1056	0.11		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	132-64-9	Dibenzofuran	0.0995	mg/kg	J	6.1	7.5		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	84-66-2	Diethyl phthalate	0.0355	mg/kg	J	100	4896		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	131-11-3	Dimethyl phthalate	0.0156	mg/kg	U	10	37		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	84-74-2	Di-n-butylphthalate	0.124	mg/kg	UJ	0.011	605		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	117-84-0	Di-n-octylphthalate	0.037	mg/kg	UJ	0.91	60		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	206-44-0	Fluoranthene	19.9	mg/kg		1.1	230		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	86-73-7	Fluorene	0.381	mg/kg		29	230		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	118-74-1	Hexachlorobenzene	0.0156	mg/kg	U	0.075	0.075		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	77-47-4	Hexachlorocyclopentadiene	0.02	mg/kg	U	0.001	0.17		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	67-72-1	Hexachloroethane	0.027	mg/kg	U	0.024	1.7		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	3.66	mg/kg		1.1	1.1		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	78-59-1	Isophorone	0.0199	mg/kg	U	547	547		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	91-20-3	Naphthalene	0.0498	mg/kg		1.9	1.9		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	98-95-3	Nitrobenzene	0.0195	mg/kg	U	2.2	4.9		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	62-75-9	N-Nitrosodimethylamine	0.0156	mg/kg	UJ	0.0019	0.0019		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	621-64-7	N-Nitrosodi-n-propylamine	0.0156	mg/kg	U	0.075	0.075		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	86-30-6	N-Nitrosodiphenylamine	0.0114	mg/kg	U	0.55	106		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	85-01-8	Phenanthrene	5.36	mg/kg		29	1728		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	108-95-2	Phenol	0.0284	mg/kg	U	0.79	1824		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	8270	129-00-0	Pyrene	26.7	mg/kg		1.1	173		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	10.71779	mg/kg					
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	73.156	mg/kg		1.1			
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	7.531	mg/kg		29			
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	Krone	1002-53-5	Dibutyltin	0.000685	mg/kg	U	1.8	1.8		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	Krone	78763-54-9	Monobutyltin	0.00151	mg/kg	U	2.2	2.2		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	Krone	1461-25-2	Tetrabutyltin	0.000529	mg/kg	U	2.2	2.2		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	Krone	688-73-3	Tributyltin	0.00109	mg/kg	U	2.2	2.2		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7429-90-5	Aluminum	10800	mg/kg		50	7392		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7440-36-0	Antimony	2.89	mg/kg	J	0.27	3		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7440-38-2	Arsenic	6.91	mg/kg		0.43	0.43		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7440-39-3	Barium	134	mg/kg	J	330	1440		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7440-41-7	Beryllium	0.164	mg/kg	U	15	15		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7440-43-9	Cadmium	3.93	mg/kg		0.36	0.68		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7440-70-2	Calcium	13100	mg/kg					
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7440-47-3	Chromium	767	mg/kg		0.29	0.29		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7440-48-4	Cobalt	24.4	mg/kg		2.2	2.2		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7440-50-8	Copper	315	mg/kg	J	28	298		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7439-89-6	Iron	38300	mg/kg		5280	5280		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7439-92-1	Lead	1310	mg/kg	J	11	192		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7439-95-4	Magnesium	27700	mg/kg					
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7439-96-5	Manganese	2520	mg/kg	J	173	173		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7439-97-6	Mercury	0.0772	mg/kg		0.013	1.1		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7440-02-0	Nickel	708	mg/kg	J	38	134		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7440-09-7	Potassium	772	mg/kg					
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7782-49-2	Selenium	0.879	mg/kg	J	0.52	37		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7440-22-4	Silver	0.768	mg/kg	J	4.2	37		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7440-23-5	Sodium	147	mg/kg	U				
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7440-28-0	Thallium	0.084	mg/kg	J	0.05	0.075		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7440-62-2	Vanadium	58.3	mg/kg		7.8	37		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	METALS	7440-66-6	Zinc	1100	mg/kg	J	46	2208		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	NWTPH-Dx	TPH-D	Diesel Range Organics	79.1	mg/kg		260	1100		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	NWTPH-Dx	MOIL	Residual Range Organics	343	mg/kg	J	260	2800		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.31	mg/kg	U	120	1200		
BIL22	723642.947	7834853.231	10/16/2001	3 - 3	SO	N	011016BIL22SS	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.2	mg/kg		0.0073	0.23		
BIL24	723593.72	7834831.051	10/17/2001	3 - 3	SO	FD	011017BIL25SS	METALS	7439-92-1	Lead	413	mg/kg	J	11	192		
BIL24	723593.72	7834831.051	10/17/2001	3 - 3	SO	N	011017BIL24SS	METALS	7439-92-1	Lead	815	mg/kg	J	11	192		
BIL26	723598.025	7834838.466	10/17/2001	2 - 2	SO	N	011017BIL26SS	METALS	7439-92-1	Lead	711	mg/kg	J	11	192		
BIL27	723585.79	7834836.628	10/17/2001	3 - 3	SO	N	011017BIL27SS	METALS	7439-92-1	Lead	954	mg/kg	J	11	192		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	7471A	7439-97-6	Mercury	0.505	mg/kg	J	0.013	1.1		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8082	12674-11-2	Aroclor-1016	0.00139	mg/kg	U	0.041	0.1		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8082	11104-28-2	Aroclor-1221	0.00596	mg/kg	U	0.041	0.19		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8082	11141-16-5	Aroclor-1232	0.00476	mg/kg	U	0.041	0.16		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8082	53469-21-9	Aroclor-1242	0.00254	mg/kg	U	0.041	0.22		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8082	12672-29-6	Aroclor-1248	0.00633	mg/kg	U	0.041	0.22		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8082	11097-69-1	Aroclor-1254	0.00198	mg/kg	U	0.029	0.029		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8082	11096-82-5	Aroclor-1260	0.0465	mg/kg		0.041	0.23		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.255	mg/kg	U	0.07	1.9		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	71-55-6	1,1,1-Trichloroethane	0.255	mg/kg	U	260	778		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.255	mg/kg	U	0.13	0.58		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	79-00-5	1,1,2-Trichloroethane	0.255	mg/kg	U	0.14	0.14		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	75-34-3	1,1-Dichloroethane	0.255	mg/kg	U	3.5	3.5		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	75-35-4	1,1-Dichloroethene	0.255	mg/kg	U	11	22		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	563-58-6	1,1-Dichloropropene	0.255	mg/kg	U	0.001	1.7		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	87-61-6	1,2,3-Trichlorobenzene	0.255	mg/kg	U	6	6		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	96-18-4	1,2,3-Trichloropropane	0.255	mg/kg	U	0.0049	0.0049		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	95-63-6	1,2,4-Trimethylbenzene	1.28	mg/kg		0.09	29		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.255	mg/kg	U	0.0051	0.0051		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.255	mg/kg	U	0.035	0.035		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	107-06-2	1,2-Dichloroethane	0.255	mg/kg	U	0.44	0.44		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	78-87-5	1,2-Dichloropropane	0.255	mg/kg	U	0.28	1.5		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	108-67-8	1,3,5-Trimethylbenzene	0.493	mg/kg	J	0.16	26		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	142-28-9	1,3-Dichloropropane	0.255	mg/kg	U	0.28	154		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	106-46-7	1,4-Dichlorobenzene	0.255	mg/kg	U	0.89	2.5		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	594-20-7	2,2-Dichloropropane	0.255	mg/kg	U	0.28	1.5		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	95-49-8	2-Chlorotoluene	0.255	mg/kg	U	154	154		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	591-78-6	2-Hexanone	1.27	mg/kg	U	0.36	19		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	106-43-4	4-Chlorotoluene	0.255	mg/kg	U	154	154		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	67-64-1	Acetone	1.27	mg/kg	U	1.2	6720		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	71-43-2	Benzene	0.255	mg/kg	U	1.2	1.2		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	108-86-1	Bromobenzene	0.255	mg/kg	U	28	28		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	74-97-5	Bromochloromethane	0.255	mg/kg	U	3.4	3.4		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	75-27-4	Bromodichloromethane	0.255	mg/kg	U	0.28	0.28		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	75-25-2	Bromoform	0.255	mg/kg	U	0.07	18		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	74-83-9	Bromomethane	0.255	mg/kg	UJ	0.002	0.65		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	75-15-0	Carbon disulfide	0.255	mg/kg	U	0.81	74		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	56-23-5	Carbon tetrachloride	0.255	mg/kg	U	0.62	0.62		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	108-90-7	Chlorobenzene	0.255	mg/kg	U	2.4	27		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	75-00-3	Chloroethane	0.255	mg/kg	U	518	518		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	67-66-3	Chloroform	0.255	mg/kg	U	0.31	0.31		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	74-87-3	Chloromethane	0.255	mg/kg	U	11	11		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	156-59-2	cis-1,2-Dichloroethene	0.255	mg/kg	U	6	6		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	10061-01-5	cis-1,3-Dichloropropene	0.255	mg/kg	U	0.001	1.7		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	124-48-1	Dibromochloromethane	0.255	mg/kg	U	3.7	3.7		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	74-95-3	Dibromomethane	0.255	mg/kg	U	2.304	2.3		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	75-71-8	Dichlorodifluoromethane	0.255	mg/kg	U	8.4	8.4		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	100-41-4	Ethylbenzene	0.255	mg/kg	U	0.27	5.6		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	98-82-8	Isopropylbenzene	0.255	mg/kg	U	0.04	182		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	179601-23-1	m,p-Xylene	0.509	mg/kg	U	1.4	53		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	78-93-3	MEK (2-Butanone)	1.27	mg/kg	U	350	2592		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	75-09-2	Methylene chloride	0.255	mg/kg	U	2.6	34		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	1.27	mg/kg	U	9.7	3168		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	104-51-8	n-Butylbenzene	0.255	mg/kg	U	374	374		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	103-65-1	n-Propylbenzene	0.255	mg/kg	U	365	365		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	95-47-6	o-Xylene	0.255	mg/kg	U	1.4	61		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	99-87-6	p-Cymene	0.255	mg/kg	U	0.18	182		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	135-98-8	sec-Butylbenzene	0.255	mg/kg	U	749	749		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	100-42-5	Styrene	0.255	mg/kg	U	1.2	576		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	98-06-6	tert-Butylbenzene	0.255	mg/kg	U	749	749		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	127-18-4	Tetrachloroethene	0.255	mg/kg	U	0.18	7.8		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	108-88-3	Toluene	0.255	mg/kg	U	23	470		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	156-60-5	trans-1,2-Dichloroethene	0.255	mg/kg	U	6.7	6.7		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	10061-02-6	trans-1,3-Dichloropropene	0.255	mg/kg	U	0.001	1.7		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	79-01-6	Trichloroethene	0.255	mg/kg	U	0.39	0.39		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	75-69-4	Trichlorofluoromethane	0.255	mg/kg	U	52	2208		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	108-05-4	Vinyl acetate	1.27	mg/kg	U	87	87		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8260B	75-01-4	Vinyl chloride	0.255	mg/kg	U	0.057	0.057		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	120-82-1	1,2,4-Trichlorobenzene	0.14	mg/kg	U	0.27	5.6		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	95-50-1	1,2-Dichlorobenzene	0.173	mg/kg	U	0.92	173		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	541-73-1	1,3-Dichlorobenzene	0.236	mg/kg	U	0.74	2.5		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	95-95-4	2,4,5-Trichlorophenol	0.303	mg/kg	U	4	605		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	88-06-2	2,4,6-Trichlorophenol	0.224	mg/kg	U	6	6		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	120-83-2	2,4-Dichlorophenol	0.185	mg/kg	U	0.05	18		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	105-67-9	2,4-Dimethylphenol	0.185	mg/kg	U	0.04	125		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	51-28-5	2,4-Dinitrophenol	0.404	mg/kg	U	0.061	12		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	121-14-2	2,4-Dinitrotoluene	0.219	mg/kg	U	1.6	1.6		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	606-20-2	2,6-Dinitrotoluene	0.303	mg/kg	U	0.3456	0.35		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	91-58-7	2-Chloronaphthalene	0.0505	mg/kg	U	461	461		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	95-57-8	2-Chlorophenol	0.252	mg/kg	U	0.39	37		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	91-57-6	2-Methylnaphthalene	1.53	mg/kg		23	23		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	95-48-7	2-Methylphenol	0.202	mg/kg	U	0.67	307		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	88-74-4	2-Nitroaniline	0.219	mg/kg	U	5.3	60		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	88-75-5	2-Nitrophenol	0.236	mg/kg	U	5.1	1824		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	91-94-1	3,3'-Dichlorobenzidine	0.185	mg/kg	U	0.03	1.2		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	99-09-2	3-Nitroaniline	0.286	mg/kg	U	0.02	60		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.623	mg/kg	U	0.49	0.49		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	101-55-3	4-Bromophenyl phenyl ether	0.224	mg/kg	U				
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	59-50-7	4-Chloro-3-methylphenol	0.185	mg/kg	U	605	605		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	106-47-8	4-Chloroaniline	0.157	mg/kg	U	1	2.6		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.283	mg/kg	U				
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	106-44-5	4-Methylphenol	0.249	mg/kg	UJ	0.08	125		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	100-01-6	4-Nitroaniline	0.286	mg/kg	U	0.02	24		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	100-02-7	4-Nitrophenol	0.32	mg/kg	U	5.1	1824		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	83-32-9	Acenaphthene	0.0833	mg/kg	U	29	346		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	208-96-8	Acenaphthylene	0.0734	mg/kg	U	1.9	1.9		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	62-53-3	Aniline	0.454	mg/kg	U	42	42		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	120-12-7	Anthracene	1.75	mg/kg		29	1728		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	92-87-5	Benzidine	0.318	mg/kg	U	0.00051	0.00051		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	56-55-3	Benzo(a)anthracene	9.78	mg/kg		1.1	1.1		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	50-32-8	Benzo(a)pyrene	7.1	mg/kg		0.11	0.11		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	191-24-2	Benzo(g,h,i)perylene	0.0278	mg/kg	U	1.1	173		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	56832-73-6	Benzofluoranthenes, Total	5.1	mg/kg					
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	65-85-0	Benzoic acid	0.572	mg/kg	U	1	24000		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	100-51-6	Benzyl alcohol	0.353	mg/kg	UJ	120	605		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.202	mg/kg	U	18	18		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	111-44-4	Bis (2-chloroethyl) ether	0.321	mg/kg	U	0.22	0.22		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.69	mg/kg	UJ	0.02	37		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.438	mg/kg	U	298	298		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	85-68-7	Butyl benzylphthalate	0.32	mg/kg	U	90	278		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	86-74-8	Carbazole	0.707	mg/kg		7.5	7.5		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	218-01-9	Chrysene	8.21	mg/kg		1.1	106		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	53-70-3	Dibenzo(a,h)anthracene	0.0392	mg/kg	U	0.1056	0.11		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	132-64-9	Dibenzofuran	0.195	mg/kg	U	6.1	7.5		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	84-66-2	Diethyl phthalate	0.286	mg/kg	U	100	4896		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	131-11-3	Dimethyl phthalate	0.185	mg/kg	U	10	37		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	84-74-2	Di-n-butylphthalate	1.46	mg/kg	U	0.011	605		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	117-84-0	Di-n-octylphthalate	0.438	mg/kg	U	0.91	60		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	206-44-0	Fluoranthene	13.6	mg/kg		1.1	230		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	86-73-7	Fluorene	0.0786	mg/kg	U	29	230		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	118-74-1	Hexachlorobenzene	0.185	mg/kg	U	0.075	0.075		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	87-68-3	Hexachlorobutadiene	0.151	mg/kg	U	0.009	1.2		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	77-47-4	Hexachlorocyclopentadiene	0.237	mg/kg	UJ	0.001	0.17		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	67-72-1	Hexachloroethane	0.32	mg/kg	U	0.024	1.7		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0392	mg/kg	U	1.1	1.1		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	78-59-1	Isophorone	0.236	mg/kg	U	547	547		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	91-20-3	Naphthalene	0.791	mg/kg		1.9	1.9		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	98-95-3	Nitrobenzene	0.231	mg/kg	U	2.2	4.9		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	62-75-9	N-Nitrosodimethylamine	0.135	mg/kg	UJ	0.0019	0.0019		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.185	mg/kg	U	0.075	0.075		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	86-30-6	N-Nitrosodiphenylamine	0.185	mg/kg	U	0.55	106		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	87-86-5	Pentachlorophenol	0.353	mg/kg	U	0.96	1		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	85-01-8	Phenanthrene	5.02	mg/kg		29	1728		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	108-95-2	Phenol	0.337	mg/kg	U	0.79	1824		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	8270C	129-00-0	Pyrene	15.5	mg/kg		1.1	173		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	8.10263	mg/kg					
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	54.272	mg/kg		1.1			
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	7.782	mg/kg		29			
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	Krone	1002-53-5	Dibutyltin	0.00079	mg/kg	U	1.8	1.8		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	Krone	78763-54-9	Monobutyltin	0.00174	mg/kg	U	2.2	2.2		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	Krone	1461-25-2	Tetrabutyltin	0.000611	mg/kg	U	2.2	2.2		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	Krone	688-73-3	Tributyltin	0.00126	mg/kg	U	2.2	2.2		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	NWTPH-Dx	TPH-D	Diesel Range Organics	2820	mg/kg		260	1100		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	NWTPH-Dx	MOIL	Residual Range Organics	12200	mg/kg		260	2800		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	NWTPH-Gx	TPH-G	Gasoline Range Organics	214	mg/kg		120	1200		
BIL28TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL28TPM	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0548	mg/kg		0.0073	0.23		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	7471A	7439-97-6	Mercury	0.552	mg/kg	J	0.013	1.1		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8082	12674-11-2	Aroclor-1016	0.00129	mg/kg	U	0.041	0.1		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8082	11104-28-2	Aroclor-1221	0.00553	mg/kg	U	0.041	0.19		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8082	11141-16-5	Aroclor-1232	0.00442	mg/kg	U	0.041	0.16		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8082	53469-21-9	Aroclor-1242	0.00236	mg/kg	U	0.041	0.22		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8082	12672-29-6	Aroclor-1248	0.00587	mg/kg	U	0.041	0.22		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8082	11097-69-1	Aroclor-1254	0.0234	mg/kg		0.029	0.029		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8082	11096-82-5	Aroclor-1260	0.0131	mg/kg		0.041	0.23		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.23	mg/kg	U	0.07	1.9		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	71-55-6	1,1,1-Trichloroethane	0.23	mg/kg	U	260	778		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.23	mg/kg	U	0.13	0.58		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	79-00-5	1,1,2-Trichloroethane	0.23	mg/kg	U	0.14	0.14		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	75-34-3	1,1-Dichloroethane	0.23	mg/kg	U	3.5	3.5		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	75-35-4	1,1-Dichloroethene	0.23	mg/kg	U	11	22		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	563-58-6	1,1-Dichloropropene	0.23	mg/kg	U	0.001	1.7		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	87-61-6	1,2,3-Trichlorobenzene	0.23	mg/kg	U	6	6		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	96-18-4	1,2,3-Trichloropropane	0.23	mg/kg	U	0.0049	0.0049		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	95-63-6	1,2,4-Trimethylbenzene	0.672	mg/kg		0.09	29		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.23	mg/kg	U	0.0051	0.0051		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.23	mg/kg	U	0.035	0.035		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	107-06-2	1,2-Dichloroethane	0.23	mg/kg	U	0.44	0.44		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	78-87-5	1,2-Dichloropropane	0.23	mg/kg	U	0.28	1.5		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	108-67-8	1,3,5-Trimethylbenzene	0.326	mg/kg	J	0.16	26		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	142-28-9	1,3-Dichloropropane	0.23	mg/kg	U	0.28	154		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	106-46-7	1,4-Dichlorobenzene	0.23	mg/kg	U	0.89	2.5		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	594-20-7	2,2-Dichloropropane	0.23	mg/kg	U	0.28	1.5		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	95-49-8	2-Chlorotoluene	0.23	mg/kg	U	154	154		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	591-78-6	2-Hexanone	1.15	mg/kg	U	0.36	19		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	106-43-4	4-Chlorotoluene	0.23	mg/kg	U	154	154		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	67-64-1	Acetone	1.15	mg/kg	U	1.2	6720		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	71-43-2	Benzene	0.23	mg/kg	U	1.2	1.2		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	108-86-1	Bromobenzene	0.23	mg/kg	U	28	28		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	74-97-5	Bromochloromethane	0.23	mg/kg	U	3.4	3.4		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	75-27-4	Bromodichloromethane	0.23	mg/kg	U	0.28	0.28		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	75-25-2	Bromoform	0.23	mg/kg	U	0.07	18		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	74-83-9	Bromomethane	0.23	mg/kg	UJ	0.002	0.65		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	75-15-0	Carbon disulfide	0.23	mg/kg	U	0.81	74		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	56-23-5	Carbon tetrachloride	0.23	mg/kg	U	0.62	0.62		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	108-90-7	Chlorobenzene	0.23	mg/kg	U	2.4	27		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	75-00-3	Chloroethane	0.23	mg/kg	U	518	518		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	67-66-3	Chloroform	0.23	mg/kg	U	0.31	0.31		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	74-87-3	Chloromethane	0.23	mg/kg	U	11	11		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	156-59-2	cis-1,2-Dichloroethene	0.23	mg/kg	U	6	6		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	10061-01-5	cis-1,3-Dichloropropene	0.23	mg/kg	U	0.001	1.7		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	124-48-1	Dibromochloromethane	0.23	mg/kg	U	3.7	3.7		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	74-95-3	Dibromomethane	0.23	mg/kg	U	2.304	2.3		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	75-71-8	Dichlorodifluoromethane	0.23	mg/kg	U	8.4	8.4		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	100-41-4	Ethylbenzene	0.23	mg/kg	U	0.27	5.6		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	98-82-8	Isopropylbenzene	0.23	mg/kg	U	0.04	182		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	179601-23-1	m,p-Xylene	0.46	mg/kg	U	1.4	53		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	78-93-3	MEK (2-Butanone)	1.15	mg/kg	U	350	2592		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	75-09-2	Methylene chloride	0.23	mg/kg	U	2.6	34		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	1.15	mg/kg	U	9.7	3168		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	104-51-8	n-Butylbenzene	0.23	mg/kg	U	374	374		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	103-65-1	n-Propylbenzene	0.23	mg/kg	U	365	365		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	95-47-6	o-Xylene	0.23	mg/kg	U	1.4	61		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	99-87-6	p-Cymene	0.23	mg/kg	U	0.18	182		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	135-98-8	sec-Butylbenzene	0.23	mg/kg	U	749	749		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	100-42-5	Styrene	0.23	mg/kg	U	1.2	576		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	98-06-6	tert-Butylbenzene	0.23	mg/kg	U	749	749		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	127-18-4	Tetrachloroethene	0.23	mg/kg	U	0.18	7.8		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	108-88-3	Toluene	0.23	mg/kg	U	23	470		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	156-60-5	trans-1,2-Dichloroethene	0.23	mg/kg	U	6.7	6.7		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	10061-02-6	trans-1,3-Dichloropropene	0.23	mg/kg	U	0.001	1.7		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	79-01-6	Trichloroethene	0.23	mg/kg	U	0.39	0.39		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	75-69-4	Trichlorofluoromethane	0.23	mg/kg	U	52	2208		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	108-05-4	Vinyl acetate	1.15	mg/kg	U	87	87		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8260B	75-01-4	Vinyl chloride	0.23	mg/kg	U	0.057	0.057		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	120-82-1	1,2,4-Trichlorobenzene	0.126	mg/kg	U	0.27	5.6		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	95-50-1	1,2-Dichlorobenzene	0.157	mg/kg	U	0.92	173		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	541-73-1	1,3-Dichlorobenzene	0.213	mg/kg	U	0.74	2.5		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	95-95-4	2,4,5-Trichlorophenol	0.274	mg/kg	U	4	605		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	88-06-2	2,4,6-Trichlorophenol	0.203	mg/kg	U	6	6		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	120-83-2	2,4-Dichlorophenol	0.198	mg/kg	U	0.05	18		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	105-67-9	2,4-Dimethylphenol	0.168	mg/kg	U	0.04	125		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	51-28-5	2,4-Dinitrophenol	0.168	mg/kg	U	0.061	12		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	121-14-2	2,4-Dinitrotoluene	0.366	mg/kg	U	1.6	1.6		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	606-20-2	2,6-Dinitrotoluene	0.259	mg/kg	U	0.3456	0.35		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	91-58-7	2-Chloronaphthalene	0.0457	mg/kg	U	461	461		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	95-57-8	2-Chlorophenol	0.228	mg/kg	U	0.39	37		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	91-57-6	2-Methylnaphthalene	0.625	mg/kg		23	23		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	95-48-7	2-Methylphenol	0.183	mg/kg	U	0.67	307		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	88-74-4	2-Nitroaniline	0.198	mg/kg	U	5.3	60		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	88-75-5	2-Nitrophenol	0.213	mg/kg	U	5.1	1824		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	91-94-1	3,3'-Dichlorobenzidine	0.168	mg/kg	U	0.03	1.2		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	99-09-2	3-Nitroaniline	0.259	mg/kg	U	0.02	60		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.564	mg/kg	U	0.49	0.49		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	101-55-3	4-Bromophenyl phenyl ether	0.203	mg/kg	U				
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	59-50-7	4-Chloro-3-methylphenol	0.168	mg/kg	U	605	605		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	106-47-8	4-Chloroaniline	0.142	mg/kg	U	1	2.6		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.256	mg/kg	U				
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	106-44-5	4-Methylphenol	0.225	mg/kg	UJ	0.08	125		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	100-01-6	4-Nitroaniline	0.259	mg/kg	U	0.02	24		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	100-02-7	4-Nitrophenol	0.289	mg/kg	U	5.1	1824		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	83-32-9	Acenaphthene	0.168	mg/kg		29	346		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	208-96-8	Acenaphthylene	0.0664	mg/kg	U	1.9	1.9		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	62-53-3	Aniline	0.411	mg/kg	U	42	42		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	120-12-7	Anthracene	0.503	mg/kg		29	1728		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	92-87-5	Benzidine	0.288	mg/kg	U	0.00051	0.00051		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	56-55-3	Benzo(a)anthracene	0.0929	mg/kg	U	1.1	1.1		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	50-32-8	Benzo(a)pyrene	0.0355	mg/kg	U	0.11	0.11		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	191-24-2	Benzo(g,h,i)perylene	0.0251	mg/kg	U	1.1	173		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	56832-73-6	Benzofluoranthenes, Total	1.08	mg/kg					
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	65-85-0	Benzoic acid	0.518	mg/kg	U	1	24000		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	100-51-6	Benzyl alcohol	0.32	mg/kg	UJ	120	605		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.183	mg/kg	U	18	18		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	111-44-4	Bis (2-chloroethyl) ether	0.291	mg/kg	U	0.22	0.22		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.625	mg/kg	UJ	0.02	37		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.396	mg/kg	U	298	298		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	85-68-7	Butyl benzylphthalate	0.289	mg/kg	U	90	278		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	86-74-8	Carbazole	0.0594	mg/kg	U	7.5	7.5		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	218-01-9	Chrysene	2.06	mg/kg		1.1	106		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	53-70-3	Dibenzo(a,h)anthracene	0.0355	mg/kg	U	0.1056	0.11		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	132-64-9	Dibenzofuran	0.177	mg/kg	U	6.1	7.5		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	84-66-2	Diethyl phthalate	0.259	mg/kg	U	100	4896		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	131-11-3	Dimethyl phthalate	0.168	mg/kg	U	10	37		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	84-74-2	Di-n-butylphthalate	1.33	mg/kg	U	0.011	605		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	117-84-0	Di-n-octylphthalate	0.396	mg/kg	U	0.91	60		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	206-44-0	Fluoranthene	0.0711	mg/kg	U	1.1	230		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	86-73-7	Fluorene	0.0711	mg/kg	U	29	230		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	118-74-1	Hexachlorobenzene	0.168	mg/kg	U	0.075	0.075		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	87-68-3	Hexachlorobutadiene	0.137	mg/kg	U	0.009	1.2		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	77-47-4	Hexachlorocyclopentadiene	0.215	mg/kg	UJ	0.001	0.17		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	67-72-1	Hexachloroethane	0.289	mg/kg	U	0.024	1.7		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0355	mg/kg	U	1.1	1.1		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	78-59-1	Isophorone	0.213	mg/kg	U	547	547		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	91-20-3	Naphthalene	0.823	mg/kg		1.9	1.9		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	98-95-3	Nitrobenzene	0.209	mg/kg	U	2.2	4.9		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	62-75-9	N-Nitrosodimethylamine	0.168	mg/kg	UJ	0.0019	0.0019		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.168	mg/kg	U	0.075	0.075		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	86-30-6	N-Nitrosodiphenylamine	0.122	mg/kg	U	0.55	106		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	87-86-5	Pentachlorophenol	0.32	mg/kg	U	0.96	1		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	85-01-8	Phenanthrene	1.48	mg/kg		29	1728		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	108-95-2	Phenol	0.305	mg/kg	U	0.79	1824		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	8270C	129-00-0	Pyrene	2.54	mg/kg		1.1	173		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.35176	mg/kg					
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	4.75	mg/kg		1.1			
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	3.107	mg/kg		29			
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	Krone	1002-53-5	Dibutyltin	0.000754	mg/kg	U	1.8	1.8		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	Krone	78763-54-9	Monobutyltin	0.00166	mg/kg	U	2.2	2.2		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	Krone	1461-25-2	Tetrabutyltin	0.000582	mg/kg	U	2.2	2.2		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	Krone	688-73-3	Tributyltin	0.0012	mg/kg	U	2.2	2.2		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	NWTPH-Dx	TPH-D	Diesel Range Organics	5100	mg/kg	J	260	1100		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	NWTPH-Dx	MOIL	Residual Range Organics	23900	mg/kg		260	2800		
BIL29TPM	723607.299	7834926.433	10/17/2001	0 - 10	SO	N	011017BIL29TPM	NWTPH-Gx	TPH-G	Gasoline Range Organics	267	mg/kg		120	1200		
BIL30	723594.299	7834935.804	10/17/2001	2.5 - 2.5	SO	N	011017BIL30SS	METALS	7439-92-1	Lead	110	mg/kg	J	11	192		
BIL31	723615.499	7834938.239	10/17/2001	2.5 - 2.5	SO	N	011017BIL31SS	METALS	7439-92-1	Lead	87.6	mg/kg	J	11	192		
BIL32	723607.139	7834953.61	10/17/2001	2.5 - 2.5	SO	N	011017BIL32SS	METALS	7439-92-1	Lead	115	mg/kg	J	11	192		
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	6010	7429-90-5	Aluminum	12400	ug/L				20000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	6010	7440-70-2	Calcium	33700	ug/L					
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	6010	7440-48-4	Cobalt	6.46	ug/L				6	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	6010	7439-89-6	Iron	16500	ug/L				14000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	6010	7439-95-4	Magnesium	11800	ug/L					
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	6010	7440-02-0	Nickel	8.96	ug/L	J			400	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	6010	7440-09-7	Potassium	2050	ug/L					
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	6010	7440-23-5	Sodium	10900	ug/L					
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	6010	7440-62-2	Vanadium	31.5	ug/L				86	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	6020	7440-36-0	Antimony	0.898	ug/L				7.8	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	6020	7440-38-2	Arsenic	4.61	ug/L				6300	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	6020	7440-39-3	Barium	83.7	ug/L				4000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	6020	7440-41-7	Beryllium	0.307	ug/L	J			270000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	6020	7440-43-9	Cadmium	0.0247	ug/L	U			130000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	6020	7440-47-3	Chromium	10.7	ug/L				30000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	6020	7440-50-8	Copper	36.5	ug/L				5400000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	6020	7439-92-1	Lead	5.01	ug/L				15	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	6020	7439-96-5	Manganese	219	ug/L				3200000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	6020	7782-49-2	Selenium	2.06	ug/L				100	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	6020	7440-22-4	Silver	0.241	ug/L				1100000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	6020	7440-28-0	Thallium	0.092	ug/L	J			0.2	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	6020	7440-66-6	Zinc	30.7	ug/L				6000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	7470	7439-97-6	Mercury	0.076	ug/L	J			11	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8082	12674-11-2	Aroclor-1016	0.00226	ug/L	U			75	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8082	11104-28-2	Aroclor-1221	0.00226	ug/L	U			2.3	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8082	11141-16-5	Aroclor-1232	0.00226	ug/L	U			0.71	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8082	53469-21-9	Aroclor-1242	0.00226	ug/L	U			5.8	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8082	12672-29-6	Aroclor-1248	0.00226	ug/L	U			1.2	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8082	11097-69-1	Aroclor-1254	0.00248	ug/L	U			7.2	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8082	11096-82-5	Aroclor-1260	0.00248	ug/L	U			1.6	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0528	ug/L	UJ			36	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	71-55-6	1,1,1-Trichloroethane	0.104	ug/L	J			53000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.068	ug/L	UJ			30	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	79-00-5	1,1,2-Trichloroethane	0.0627	ug/L	UJ			44	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	75-34-3	1,1-Dichloroethane	0.0555	ug/L	J			55	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	75-35-4	1,1-Dichloroethene	0.0595	ug/L	UJ			1300	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	563-58-6	1,1-Dichloropropene	0.0695	ug/L	UJ			40	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	87-61-6	1,2,3-Trichlorobenzene	0.0605	ug/L	UJ			7	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	96-18-4	1,2,3-Trichloropropane	0.123	ug/L	UJ			200	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	95-63-6	1,2,4-Trimethylbenzene	0.0485	ug/L	J			2400	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.222	ug/L	UJ			0.34	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0637	ug/L	UJ			1.5	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	107-06-2	1,2-Dichloroethane	0.0533	ug/L	UJ			18	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	78-87-5	1,2-Dichloropropane	0.038	ug/L	UJ			52	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	108-67-8	1,3,5-Trimethylbenzene	0.0297	ug/L	J			1700	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	142-28-9	1,3-Dichloropropane	0.0738	ug/L	UJ			370	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	106-46-7	1,4-Dichlorobenzene	0.018	ug/L	UJ			25	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	594-20-7	2,2-Dichloropropane	0.0487	ug/L	UJ			52	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	95-49-8	2-Chlorotoluene	0.0857	ug/L	UJ			240	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	591-78-6	2-Hexanone	0.993	ug/L	UJ			72000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	106-43-4	4-Chlorotoluene	0.0491	ug/L	UJ			250	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	67-64-1	Acetone	1.2	ug/L	UJ			18000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	71-43-2	Benzene	0.0579	ug/L	J			12	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	108-86-1	Bromobenzene	0.0475	ug/L	UJ			6300	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	74-97-5	Bromochloromethane	0.0573	ug/L	UJ			450	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	75-27-4	Bromodichloromethane	0.0785	ug/L	UJ			6.9	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	75-25-2	Bromoform	0.083	ug/L	UJ			1100	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	74-83-9	Bromomethane	0.0748	ug/L	UJ			110	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	75-15-0	Carbon disulfide	0.0619	ug/L	J			8200	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	56-23-5	Carbon tetrachloride	0.097	ug/L	UJ			3.1	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	108-90-7	Chlorobenzene	0.0376	ug/L	UJ			3400	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	75-00-3	Chloroethane	0.187	ug/L	UJ			57000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	67-66-3	Chloroform	0.0717	ug/L	UJ			5.9	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	74-87-3	Chloromethane	0.11	ug/L	UJ			1500	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	156-59-2	cis-1,2-Dichloroethene	3.76	ug/L	J			1800	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0301	ug/L	UJ			40	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	124-48-1	Dibromochloromethane	0.0539	ug/L	UJ			610	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	74-95-3	Dibromomethane	0.0864	ug/L	UJ			950	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	75-71-8	Dichlorodifluoromethane	0.0575	ug/L	UJ			41	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	100-41-4	Ethylbenzene	0.0226	ug/L	UJ			31	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	98-82-8	Isopropylbenzene	0.0197	ug/L	J			9100	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	179601-23-1	m,p-Xylene	0.132	ug/L	J			3000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	78-93-3	MEK (2-Butanone)	1.71	ug/L	UJ			17000000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	75-09-2	Methylene chloride	0.0752	ug/L	UJ			15000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.309	ug/L	UJ			4600000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	104-51-8	n-Butylbenzene	0.0603	ug/L	UJ			1000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	103-65-1	n-Propylbenzene	0.0356	ug/L	UJ			22000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	95-47-6	o-Xylene	0.0735	ug/L	J			4300	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	99-87-6	p-Cymene	0.0397	ug/L	UJ			9100	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	135-98-8	sec-Butylbenzene	0.0358	ug/L	UJ			2000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	100-42-5	Styrene	0.0279	ug/L	UJ			84000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	98-06-6	tert-Butylbenzene	0.0535	ug/L	UJ			690	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	127-18-4	Tetrachloroethene	5.08	ug/L	J			130	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	108-88-3	Toluene	0.221	ug/L	J			150000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	156-60-5	trans-1,2-Dichloroethene	0.0584	ug/L	UJ			457	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0539	ug/L	UJ			21	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	79-01-6	Trichloroethene	2.03	ug/L	J			7.4	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	75-69-4	Trichlorofluoromethane	0.062	ug/L	UJ			160000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	108-05-4	Vinyl acetate	1.01	ug/L	UJ			80000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8260B	75-01-4	Vinyl chloride	0.0604	ug/L	UJ			3.3	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	120-82-1	1,2,4-Trichlorobenzene	0.0123	ug/L	U			380	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	95-50-1	1,2-Dichlorobenzene	0.0279	ug/L	U			25000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	541-73-1	1,3-Dichlorobenzene	0.0368	ug/L	U			25	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	95-95-4	2,4,5-Trichlorophenol	0.0487	ug/L	UJ			1200	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	88-06-2	2,4,6-Trichlorophenol	0.0353	ug/L	UJ			1700	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	120-83-2	2,4-Dichlorophenol	0.0204	ug/L	UJ			46	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	105-67-9	2,4-Dimethylphenol	0.201	ug/L	UJ			360	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	51-28-5	2,4-Dinitrophenol	0.227	ug/L	UJ			39	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	121-14-2	2,4-Dinitrotoluene	0.0576	ug/L	U			0.24	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	606-20-2	2,6-Dinitrotoluene	0.0381	ug/L	U			830	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	91-58-7	2-Chloronaphthalene	0.00481	ug/L	U			750	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	95-57-8	2-Chlorophenol	0.0463	ug/L	UJ			91	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	91-57-6	2-Methylnaphthalene	0.0683	ug/L	J			36	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	95-48-7	2-Methylphenol	0.043	ug/L	UJ			930	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	88-74-4	2-Nitroaniline	0.03	ug/L	U			190	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	88-75-5	2-Nitrophenol	0.047	ug/L	UJ			5800	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	91-94-1	3,3'-Dichlorobenzidine	0.188	ug/L	U			0.17	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	99-09-2	3-Nitroaniline	0.0567	ug/L	U			190	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.341	ug/L	UJ			1.5	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	101-55-3	4-Bromophenyl phenyl ether	0.022	ug/L	U				
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	59-50-7	4-Chloro-3-methylphenol	0.0268	ug/L	UJ			1400	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	106-47-8	4-Chloroaniline	0.0725	ug/L	U			0.37	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.0323	ug/L	U				
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	106-44-5	4-Methylphenol	0.0485	ug/L	UJ			370	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	100-01-6	4-Nitroaniline	0.0389	ug/L	U			3.8	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	100-02-7	4-Nitrophenol	0.13	ug/L	UJ			5800	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	83-32-9	Acenaphthene	0.0173	ug/L	J			510	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	208-96-8	Acenaphthylene	0.00241	ug/L	U			20	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	62-53-3	Aniline	0.33	ug/L	U			13	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	120-12-7	Anthracene	0.00191	ug/L	U			1800	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	92-87-5	Benzidine	1	ug/L	UJ			17	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	56-55-3	Benzo(a)anthracene	0.00522	ug/L	U			2300	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	50-32-8	Benzo(a)pyrene	0.00331	ug/L	U			0.025	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	191-24-2	Benzo(g,h,i)perylene	0.00512	ug/L	U			120	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	56832-73-6	Benzofluoranthenes, Total	0.0119	ug/L	U				
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	65-85-0	Benzoic acid	0.147	ug/L	UJ			75000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	100-51-6	Benzyl alcohol	0.0467	ug/L	UJ			2000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0182	ug/L	U			59	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0325	ug/L	U			140	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.382	ug/L	U			5.6	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.043	ug/L	U			710	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	85-68-7	Butyl benzylphthalate	0.12	ug/L	J			16	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	86-74-8	Carbazole	0.0218	ug/L	U			7.9	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	218-01-9	Chrysene	0.00843	ug/L	U			25	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	53-70-3	Dibenzo(a,h)anthracene	0.00311	ug/L	U			0.025	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	132-64-9	Dibenzofuran	0.0237	ug/L	J			7.9	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	84-66-2	Diethyl phthalate	0.0585	ug/L	J			15000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	131-11-3	Dimethyl phthalate	0.0391	ug/L	U			15000	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	84-74-2	Di-n-butylphthalate	0.18	ug/L	J			900	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	117-84-0	Di-n-octylphthalate	0.0274	ug/L	U			200	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	206-44-0	Fluoranthene	0.00572	ug/L	U			800	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	86-73-7	Fluorene	0.021	ug/L	J			280	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	118-74-1	Hexachlorobenzene	0.0251	ug/L	U			1.3	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	87-68-3	Hexachlorobutadiene	0.0147	ug/L	U			3.3	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	77-47-4	Hexachlorocyclopentadiene	0.311	ug/L	U			48	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	67-72-1	Hexachloroethane	0.0382	ug/L	U			7	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.00281	ug/L	UJ			0.25	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	78-59-1	Isophorone	0.0284	ug/L	U			78	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	91-20-3	Naphthalene	0.0399	ug/L	J			20	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	98-95-3	Nitrobenzene	0.0522	ug/L	U			800	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	62-75-9	N-Nitrosodimethylamine	1	ug/L	UJ			25	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.037	ug/L	U			370	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	86-30-6	N-Nitrosodiphenylamine	0.00853	ug/L	U			12	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	87-86-5	Pentachlorophenol	0.22	ug/L	UJ			53	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	85-01-8	Phenanthrene	0.0198	ug/L	J			1800	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	108-95-2	Phenol	0.0276	ug/L	J			5800	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	8270C	129-00-0	Pyrene	0.00291	ug/L	U			110	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	PSEP Butyltins	1002-53-5	Dibutyltin	0.000287	ug/L	U			6	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	PSEP Butyltins	78763-54-9	Monobutyltin	0.000142	ug/L	U			3.7	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000748	ug/L	U			3.7	
DP1	723607.645	7834092.989	11/16/2004	12 - 17	WG	N	041116SGA01GW	PSEP Butyltins	688-73-3	Tributyltin	0.000552	ug/L	U			3.7	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	6010	7429-90-5	Aluminum	6730	ug/L				20000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	6010	7440-70-2	Calcium	32400	ug/L					
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	6010	7440-48-4	Cobalt	5.71	ug/L				6	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	6010	7439-89-6	Iron	9820	ug/L				14000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	6010	7439-95-4	Magnesium	15400	ug/L					
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	6010	7440-02-0	Nickel	7.94	ug/L	J			400	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	6010	7440-09-7	Potassium	1050	ug/L					
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	6010	7440-23-5	Sodium	8530	ug/L					
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	6010	7440-62-2	Vanadium	22.8	ug/L				86	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	6020	7440-36-0	Antimony	0.362	ug/L	J			7.8	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	6020	7440-38-2	Arsenic	1.87	ug/L				6300	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	6020	7440-39-3	Barium	26.2	ug/L				4000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	6020	7440-41-7	Beryllium	0.157	ug/L	J			270000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	6020	7440-43-9	Cadmium	0.0247	ug/L	U			130000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	6020	7440-47-3	Chromium	16.2	ug/L				30000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	6020	7440-50-8	Copper	19	ug/L				5400000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	6020	7439-92-1	Lead	2.58	ug/L				15	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	6020	7439-96-5	Manganese	182	ug/L				3200000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	6020	7782-49-2	Selenium	1.21	ug/L				100	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	6020	7440-22-4	Silver	0.069	ug/L	J			1100000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	6020	7440-28-0	Thallium	0.049	ug/L	J			0.2	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	6020	7440-66-6	Zinc	19.9	ug/L				6000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	7470	7439-97-6	Mercury	0.053	ug/L	U			11	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0528	ug/L	U			36	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	71-55-6	1,1,1-Trichloroethane	0.0477	ug/L	U			53000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.068	ug/L	U			30	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	79-00-5	1,1,2-Trichloroethane	0.0627	ug/L	U			44	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	75-34-3	1,1-Dichloroethane	0.036	ug/L	U			55	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	75-35-4	1,1-Dichloroethene	0.0595	ug/L	U			1300	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	563-58-6	1,1-Dichloropropene	0.0695	ug/L	U			40	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	87-61-6	1,2,3-Trichlorobenzene	0.0605	ug/L	U			7	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	96-18-4	1,2,3-Trichloropropane	0.123	ug/L	U			200	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	95-63-6	1,2,4-Trimethylbenzene	0.0317	ug/L	J			2400	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.222	ug/L	U			0.34	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0637	ug/L	U			1.5	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	107-06-2	1,2-Dichloroethane	0.0533	ug/L	U			18	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	78-87-5	1,2-Dichloropropane	0.038	ug/L	U			52	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	108-67-8	1,3,5-Trimethylbenzene	0.0249	ug/L	U			1700	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	142-28-9	1,3-Dichloropropane	0.0738	ug/L	U			370	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	106-46-7	1,4-Dichlorobenzene	0.018	ug/L	U			25	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	594-20-7	2,2-Dichloropropane	0.0487	ug/L	U			52	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	95-49-8	2-Chlorotoluene	0.0857	ug/L	U			240	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	591-78-6	2-Hexanone	0.993	ug/L	U			72000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	106-43-4	4-Chlorotoluene	0.0491	ug/L	U			250	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	67-64-1	Acetone	1.2	ug/L	U			18000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	71-43-2	Benzene	0.0545	ug/L	J			12	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	108-86-1	Bromobenzene	0.0475	ug/L	U			6300	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	74-97-5	Bromochloromethane	0.0573	ug/L	U			450	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	75-27-4	Bromodichloromethane	0.0785	ug/L	U			6.9	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	75-25-2	Bromoform	0.083	ug/L	U			1100	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	74-83-9	Bromomethane	1	ug/L	U			110	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	75-15-0	Carbon disulfide	0.0494	ug/L	U			8200	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	56-23-5	Carbon tetrachloride	0.097	ug/L	U			3.1	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	108-90-7	Chlorobenzene	0.0376	ug/L	U			3400	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	75-00-3	Chloroethane	0.187	ug/L	U			57000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	67-66-3	Chloroform	0.0717	ug/L	U			5.9	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	74-87-3	Chloromethane	0.11	ug/L	U			1500	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	156-59-2	cis-1,2-Dichloroethene	0.0433	ug/L	U			1800	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0301	ug/L	U			40	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	124-48-1	Dibromochloromethane	0.0539	ug/L	U			610	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	74-95-3	Dibromomethane	0.0864	ug/L	U			950	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	75-71-8	Dichlorodifluoromethane	0.0575	ug/L	U			41	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	100-41-4	Ethylbenzene	0.04	ug/L	J			31	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	98-82-8	Isopropylbenzene	0.0165	ug/L	U			9100	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	179601-23-1	m,p-Xylene	0.131	ug/L	J			3000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	78-93-3	MEK (2-Butanone)	1.71	ug/L	U			17000000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	75-09-2	Methylene chloride	0.0752	ug/L	U			15000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.309	ug/L	U			4600000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	104-51-8	n-Butylbenzene	0.0603	ug/L	U			1000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	103-65-1	n-Propylbenzene	0.0356	ug/L	U			22000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	95-47-6	o-Xylene	0.0503	ug/L	J			4300	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	99-87-6	p-Cymene	0.0397	ug/L	U			9100	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	135-98-8	sec-Butylbenzene	0.0358	ug/L	U			2000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	100-42-5	Styrene	0.0279	ug/L	U			84000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	98-06-6	tert-Butylbenzene	0.0535	ug/L	U			690	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	127-18-4	Tetrachloroethene	0.584	ug/L	J			130	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	108-88-3	Toluene	0.289	ug/L	J			150000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	156-60-5	trans-1,2-Dichloroethene	0.0584	ug/L	U			457	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0539	ug/L	U			21	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	79-01-6	Trichloroethene	0.0641	ug/L	U			7.4	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	75-69-4	Trichlorofluoromethane	0.062	ug/L	U			160000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	108-05-4	Vinyl acetate	0.32	ug/L	U			80000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8260B	75-01-4	Vinyl chloride	0.0604	ug/L	U			3.3	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	120-82-1	1,2,4-Trichlorobenzene	0.0123	ug/L	UJ			380	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	95-50-1	1,2-Dichlorobenzene	0.0279	ug/L	U			25000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	541-73-1	1,3-Dichlorobenzene	0.0368	ug/L	U			25	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	95-95-4	2,4,5-Trichlorophenol	0.0444	ug/L	UJ			1200	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	88-06-2	2,4,6-Trichlorophenol	0.0322	ug/L	UJ			1700	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	120-83-2	2,4-Dichlorophenol	0.0186	ug/L	UJ			46	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	105-67-9	2,4-Dimethylphenol	0.183	ug/L	UJ			360	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	51-28-5	2,4-Dinitrophenol	0.207	ug/L	UJ			39	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	121-14-2	2,4-Dinitrotoluene	0.0575	ug/L	U			0.24	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	606-20-2	2,6-Dinitrotoluene	0.0381	ug/L	U			830	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	91-58-7	2-Chloronaphthalene	0.00481	ug/L	U			750	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	95-57-8	2-Chlorophenol	0.0422	ug/L	UJ			91	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	91-57-6	2-Methylnaphthalene	0.28	ug/L				36	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	95-48-7	2-Methylphenol	0.0392	ug/L	UJ			930	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	88-74-4	2-Nitroaniline	0.03	ug/L	U			190	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	88-75-5	2-Nitrophenol	0.0429	ug/L	UJ			5800	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	91-94-1	3,3'-Dichlorobenzidine	0.188	ug/L	U			0.17	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	99-09-2	3-Nitroaniline	0.0566	ug/L	U			190	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.311	ug/L	UJ			1.5	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0219	ug/L	U				
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	59-50-7	4-Chloro-3-methylphenol	0.0244	ug/L	UJ			1400	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	106-47-8	4-Chloroaniline	0.0724	ug/L	U			0.37	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.0323	ug/L	U				
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	106-44-5	4-Methylphenol	0.0442	ug/L	UJ			370	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	100-01-6	4-Nitroaniline	0.0389	ug/L	U			3.8	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	100-02-7	4-Nitrophenol	0.118	ug/L	UJ			5800	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	83-32-9	Acenaphthene	0.00812	ug/L	J			510	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	208-96-8	Acenaphthylene	0.0024	ug/L	U			20	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	62-53-3	Aniline	0.031	ug/L	U			13	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	120-12-7	Anthracene	0.0019	ug/L	U			1800	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	92-87-5	Benzidine	1	ug/L	UJ			17	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	56-55-3	Benzo(a)anthracene	0.00521	ug/L	U			2300	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	50-32-8	Benzo(a)pyrene	0.00331	ug/L	U			0.025	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	191-24-2	Benzo(g,h,i)perylene	0.00511	ug/L	U			120	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	56832-73-6	Benzofluoranthenes, Total	0.0119	ug/L	U				
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	65-85-0	Benzoic acid	0.134	ug/L	UJ			75000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	100-51-6	Benzyl alcohol	0.05	ug/L	J			2000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0181	ug/L	U			59	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0325	ug/L	U			140	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.382	ug/L	U			5.6	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.043	ug/L	U			710	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	85-68-7	Butyl benzylphthalate	0.171	ug/L	J			16	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	86-74-8	Carbazole	0.0217	ug/L	U			7.9	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	218-01-9	Chrysene	0.00842	ug/L	U			25	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	53-70-3	Dibenzo(a,h)anthracene	0.00311	ug/L	U			0.025	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	132-64-9	Dibenzofuran	0.0205	ug/L	U			7.9	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	84-66-2	Diethyl phthalate	0.0558	ug/L	U			15000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	131-11-3	Dimethyl phthalate	0.0391	ug/L	U			15000	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	84-74-2	Di-n-butylphthalate	0.239	ug/L				900	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	117-84-0	Di-n-octylphthalate	0.0274	ug/L	U			200	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	206-44-0	Fluoranthene	0.00571	ug/L	U			800	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	86-73-7	Fluorene	0.00982	ug/L	J			280	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	118-74-1	Hexachlorobenzene	0.0251	ug/L	U			1.3	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	87-68-3	Hexachlorobutadiene	0.0147	ug/L	U			3.3	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	77-47-4	Hexachlorocyclopentadiene	0.311	ug/L	U			48	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	67-72-1	Hexachloroethane	0.0382	ug/L	U			7	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.00281	ug/L	UJ			0.25	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	78-59-1	Isophorone	0.0284	ug/L	U			78	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	91-20-3	Naphthalene	0.2	ug/L				20	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	98-95-3	Nitrobenzene	0.0521	ug/L	U			800	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	62-75-9	N-Nitrosodimethylamine	1	ug/L	UJ			25	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.037	ug/L	U			370	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	86-30-6	N-Nitrosodiphenylamine	0.00852	ug/L	U			12	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	87-86-5	Pentachlorophenol	0.2	ug/L	UJ			53	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	85-01-8	Phenanthrene	0.014	ug/L	J			1800	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	108-95-2	Phenol	0.0291	ug/L	J			5800	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	8270C	129-00-0	Pyrene	0.00291	ug/L	U			110	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	NWTPH-Dx	TPH-D	Diesel Range Organics	74.7	ug/L	U			100	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	NWTPH-Dx	MOIL	Residual Range Organics	92.5	ug/L	U			300	
DP10	723461.684	7834150.928	11/17/2004	7.8 - 12.8	WG	N	041118SGA06GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	14.7	ug/L	J			14000	
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	6010	7429-90-5	Aluminum	15600	mg/kg		50	7392		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	6010	7440-70-2	Calcium	6150	mg/kg					
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	6010	7440-48-4	Cobalt	18.7	mg/kg		2.2	2.2		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	6010	7439-89-6	Iron	30200	mg/kg		5280	5280		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	6010	7439-95-4	Magnesium	13600	mg/kg					
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	6010	7440-02-0	Nickel	24.4	mg/kg		38	134		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	6010	7440-09-7	Potassium	377	mg/kg					
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	6010	7440-23-5	Sodium	119	mg/kg					
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	6010	7440-62-2	Vanadium	53.3	mg/kg		7.8	37		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	6020	7440-36-0	Antimony	0.194	mg/kg	J	0.27	3		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	6020	7440-38-2	Arsenic	2.66	mg/kg		0.43	0.43		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	6020	7440-39-3	Barium	41.8	mg/kg		330	1440		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	6020	7440-41-7	Beryllium	0.314	mg/kg		15	15		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	6020	7440-43-9	Cadmium	0.0135	mg/kg	U	0.36	0.68		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	6020	7440-47-3	Chromium	23.6	mg/kg		0.29	0.29		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	6020	7440-50-8	Copper	67.6	mg/kg		28	298		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	6020	7439-92-1	Lead	6.06	mg/kg		11	192		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	6020	7439-96-5	Manganese	500	mg/kg		173	173		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	6020	7782-49-2	Selenium	0.343	mg/kg		0.52	37		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	6020	7440-22-4	Silver	0.103	mg/kg	J	4.2	37		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	6020	7440-28-0	Thallium	0.094	mg/kg	J	0.05	0.075		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	6020	7440-66-6	Zinc	53.9	mg/kg		46	2208		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	7471	7439-97-6	Mercury	0.0301	mg/kg		0.013	1.1		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0000444	mg/kg	U	0.07	1.9		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	71-55-6	1,1,1-Trichloroethane	0.0000651	mg/kg	U	260	778		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.0000639	mg/kg	U	0.13	0.58		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	79-00-5	1,1,2-Trichloroethane	0.0000901	mg/kg	U	0.14	0.14		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	75-34-3	1,1-Dichloroethane	0.0000573	mg/kg	U	3.5	3.5		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	75-35-4	1,1-Dichloroethene	0.000442	mg/kg	U	11	22		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	563-58-6	1,1-Dichloropropene	0.000906	mg/kg	U	0.001	1.7		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.000108	mg/kg	U	6	6		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	96-18-4	1,2,3-Trichloropropane	0.0000758	mg/kg	U	0.0049	0.0049		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00011	mg/kg	U	0.27	5.6		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.0000479	mg/kg	U	0.09	29		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.000135	mg/kg	U	0.0051	0.0051		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0000576	mg/kg	U	0.035	0.035		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	95-50-1	1,2-Dichlorobenzene	0.0000576	mg/kg	U	0.92	173		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	107-06-2	1,2-Dichloroethane	0.0000879	mg/kg	U	0.44	0.44		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	78-87-5	1,2-Dichloropropane	0.0000429	mg/kg	U	0.28	1.5		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.0000432	mg/kg	U	0.16	26		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	541-73-1	1,3-Dichlorobenzene	0.0000391	mg/kg	U	0.74	2.5		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	142-28-9	1,3-Dichloropropane	0.0000608	mg/kg	U	0.28	154		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	106-46-7	1,4-Dichlorobenzene	0.0000552	mg/kg	U	0.89	2.5		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	594-20-7	2,2-Dichloropropane	0.0000765	mg/kg	U	0.28	1.5		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	95-49-8	2-Chlorotoluene	0.0000491	mg/kg	U	154	154		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	591-78-6	2-Hexanone	0.00124	mg/kg	U	0.36	19		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	106-43-4	4-Chlorotoluene	0.0000939	mg/kg	U	154	154		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	67-64-1	Acetone	0.00293	mg/kg	U	1.2	6720		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	71-43-2	Benzene	0.00113	mg/kg	U	1.2	1.2		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	108-86-1	Bromobenzene	0.000045	mg/kg	U	28	28		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	74-97-5	Bromochloromethane	0.000052	mg/kg	U	3.4	3.4		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	75-27-4	Bromodichloromethane	0.0000701	mg/kg	U	0.28	0.28		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	75-25-2	Bromoform	0.0000702	mg/kg	U	0.07	18		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	74-83-9	Bromomethane	0.000398	mg/kg	UJ	0.002	0.65		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	75-15-0	Carbon disulfide	0.000313	mg/kg	U	0.81	74		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	56-23-5	Carbon tetrachloride	0.0000955	mg/kg	U	0.62	0.62		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	108-90-7	Chlorobenzene	0.0000504	mg/kg	U	2.4	27		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	75-00-3	Chloroethane	0.00065	mg/kg	U	518	518		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	67-66-3	Chloroform	0.0000603	mg/kg	U	0.31	0.31		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	74-87-3	Chloromethane	0.000397	mg/kg	U	11	11		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.000102	mg/kg	U	6	6		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0000414	mg/kg	U	0.001	1.7		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	124-48-1	Dibromochloromethane	0.0000732	mg/kg	U	3.7	3.7		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	74-95-3	Dibromomethane	0.0000735	mg/kg	U	2.304	2.3		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	75-71-8	Dichlorodifluoromethane	0.000063	mg/kg	J	8.4	8.4		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	100-41-4	Ethylbenzene	0.00113	mg/kg	U	0.27	5.6		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	87-68-3	Hexachlorobutadiene	0.0000665	mg/kg	U	0.009	1.2		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	98-82-8	Isopropylbenzene	0.0000423	mg/kg	U	0.04	182		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	179601-23-1	m,p-Xylene	0.00227	mg/kg	U	1.4	53		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	78-93-3	MEK (2-Butanone)	0.00208	mg/kg	U	350	2592		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	75-09-2	Methylene chloride	0.000186	mg/kg	U	2.6	34		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.000719	mg/kg	U	9.7	3168		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	91-20-3	Naphthalene	0.000467	mg/kg	U	1.9	1.9		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	104-51-8	n-Butylbenzene	0.000105	mg/kg	U	374	374		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	103-65-1	n-Propylbenzene	0.0000532	mg/kg	U	365	365		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	95-47-6	o-Xylene	0.00113	mg/kg	U	1.4	61		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	99-87-6	p-Cymene	0.0000634	mg/kg	U	0.18	182		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	135-98-8	sec-Butylbenzene	0.0000442	mg/kg	U	749	749		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	100-42-5	Styrene	0.0000272	mg/kg	U	1.2	576		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	98-06-6	tert-Butylbenzene	0.0000273	mg/kg	U	749	749		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	127-18-4	Tetrachloroethene	0.000235	mg/kg	J	0.18	7.8		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	108-88-3	Toluene	0.00113	mg/kg	U	23	470		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.000284	mg/kg	U	6.7	6.7		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0000514	mg/kg	U	0.001	1.7		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	79-01-6	Trichloroethene	0.000374	mg/kg	J	0.39	0.39		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	75-69-4	Trichlorofluoromethane	0.000397	mg/kg	U	52	2208		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	108-05-4	Vinyl acetate	0.00115	mg/kg	U	87	87		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8260B	75-01-4	Vinyl chloride	0.000211	mg/kg	U	0.057	0.057		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.000955	mg/kg	U	4	605		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.000973	mg/kg	U	6	6		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	120-83-2	2,4-Dichlorophenol	0.00109	mg/kg	U	0.05	18		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	105-67-9	2,4-Dimethylphenol	0.000941	mg/kg	UJ	0.04	125		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	51-28-5	2,4-Dinitrophenol	0.0086	mg/kg	U	0.061	12		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00209	mg/kg	U	1.6	1.6		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00132	mg/kg	U	0.3456	0.35		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	91-58-7	2-Chloronaphthalene	0.000831	mg/kg	U	461	461		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	95-57-8	2-Chlorophenol	0.000828	mg/kg	U	0.39	37		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	91-57-6	2-Methylnaphthalene	0.00064	mg/kg	U	23	23		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	95-48-7	2-Methylphenol	0.00116	mg/kg	U	0.67	307		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	88-74-4	2-Nitroaniline	0.000668	mg/kg	U	5.3	60		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	88-75-5	2-Nitrophenol	0.0014	mg/kg	U	5.1	1824		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00534	mg/kg	U	0.03	1.2		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	99-09-2	3-Nitroaniline	0.00361	mg/kg	U	0.02	60		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00222	mg/kg	U	0.49	0.49		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00226	mg/kg	U				
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.0011	mg/kg	U	605	605		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	106-47-8	4-Chloroaniline	0.00114	mg/kg	U	1	2.6		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00265	mg/kg	U				
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	106-44-5	4-Methylphenol	0.00145	mg/kg	U	0.08	125		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	100-01-6	4-Nitroaniline	0.00505	mg/kg	UJ	0.02	24		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	100-02-7	4-Nitrophenol	0.0101	mg/kg	U	5.1	1824		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	83-32-9	Acenaphthene	0.000631	mg/kg	U	29	346		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	208-96-8	Acenaphthylene	0.000725	mg/kg	U	1.9	1.9		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	62-53-3	Aniline	0.00226	mg/kg	U	42	42		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	120-12-7	Anthracene	0.000468	mg/kg	U	29	1728		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	92-87-5	Benzidine	0.00347	mg/kg	U	0.00051	0.00051		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	56-55-3	Benzo(a)anthracene	0.00124	mg/kg	U	1.1	1.1		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	50-32-8	Benzo(a)pyrene	0.000779	mg/kg	U	0.11	0.11		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.000592	mg/kg	U	1.1	173		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.00111	mg/kg	U				
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	65-85-0	Benzoic acid	0.0197	mg/kg	U	1	24000		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	100-51-6	Benzyl alcohol	0.00245	mg/kg	U	120	605		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00236	mg/kg	U	18	18		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00193	mg/kg	U	0.22	0.22		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.0321	mg/kg		0.02	37		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.00983	mg/kg	U	298	298		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	85-68-7	Butyl benzylphthalate	0.00263	mg/kg	U	90	278		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	86-74-8	Carbazole	0.00245	mg/kg	U	7.5	7.5		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	218-01-9	Chrysene	0.00088	mg/kg	U	1.1	106		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.000764	mg/kg	U	0.1056	0.11		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	132-64-9	Dibenzofuran	0.000569	mg/kg	U	6.1	7.5		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	84-66-2	Diethyl phthalate	0.00444	mg/kg	U	100	4896		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	131-11-3	Dimethyl phthalate	0.00241	mg/kg	U	10	37		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	84-74-2	Di-n-butylphthalate	0.0123	mg/kg	U	0.011	605		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	117-84-0	Di-n-octylphthalate	0.00226	mg/kg	U	0.91	60		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	206-44-0	Fluoranthene	0.00124	mg/kg	U	1.1	230		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	86-73-7	Fluorene	0.000795	mg/kg	U	29	230		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	118-74-1	Hexachlorobenzene	0.000651	mg/kg	U	0.075	0.075		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.000976	mg/kg	U	0.001	0.17		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	67-72-1	Hexachloroethane	0.00208	mg/kg	U	0.024	1.7		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.000561	mg/kg	U	1.1	1.1		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	78-59-1	Isophorone	0.00062	mg/kg	U	547	547		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	98-95-3	Nitrobenzene	0.0037	mg/kg	U	2.2	4.9		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00375	mg/kg	U	0.0019	0.0019		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00165	mg/kg	U	0.075	0.075		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.000704	mg/kg	U	0.55	106		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	87-86-5	Pentachlorophenol	0.00239	mg/kg	UJ	0.96	1		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	85-01-8	Phenanthrene	0.000731	mg/kg	U	29	1728		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	108-95-2	Phenol	0.00089	mg/kg	U	0.79	1824		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	8270C	129-00-0	Pyrene	0.000418	mg/kg	U	1.1	173		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.00541446	mg/kg	U				
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.006474	mg/kg	U	1.1			
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.00444	mg/kg	U	29			
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	NWTPH-Dx	TPH-D	Diesel Range Organics	5.69	mg/kg	U	260	1100		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	NWTPH-Dx	MOIL	Residual Range Organics	11.3	mg/kg	U	260	2800		
DP10	723461.684	7834150.928	11/17/2004	9 - 12	SO	N	041118SGA10SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	0.136	mg/kg	U	120	1200		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	6010	7429-90-5	Aluminum	12300	mg/kg		50	7392		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	6010	7440-70-2	Calcium	3310	mg/kg					
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	6010	7440-48-4	Cobalt	16.5	mg/kg		2.2	2.2		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	6010	7439-89-6	Iron	20800	mg/kg		5280	5280		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	6010	7439-95-4	Magnesium	4330	mg/kg					
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	6010	7440-02-0	Nickel	15.8	mg/kg		38	134		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	6010	7440-09-7	Potassium	635	mg/kg					
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	6010	7440-23-5	Sodium	105	mg/kg	U				
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	6010	7440-62-2	Vanadium	62.2	mg/kg		7.8	37		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	6020	7440-36-0	Antimony	0.217	mg/kg	J	0.27	3		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	6020	7440-38-2	Arsenic	4.23	mg/kg		0.43	0.43		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	6020	7440-39-3	Barium	98.9	mg/kg		330	1440		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	6020	7440-41-7	Beryllium	0.365	mg/kg		15	15		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	6020	7440-43-9	Cadmium	0.264	mg/kg	U	0.36	0.68		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	6020	7440-47-3	Chromium	20.7	mg/kg		0.29	0.29		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	6020	7440-50-8	Copper	26.8	mg/kg		28	298		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	6020	7439-92-1	Lead	5.01	mg/kg		11	192		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	6020	7439-96-5	Manganese	484	mg/kg		173	173		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	6020	7782-49-2	Selenium	0.333	mg/kg		0.52	37		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	6020	7440-22-4	Silver	0.154	mg/kg	J	4.2	37		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	6020	7440-28-0	Thallium	0.165	mg/kg	J	0.05	0.075		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	6020	7440-66-6	Zinc	44.5	mg/kg		46	2208		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	7471	7439-97-6	Mercury	0.0226	mg/kg	U	0.013	1.1		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00154	mg/kg	U	0.07	1.9		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	71-55-6	1,1,1-Trichloroethane	0.00154	mg/kg	U	260	778		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.00154	mg/kg	U	0.13	0.58		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	79-00-5	1,1,2-Trichloroethane	0.00154	mg/kg	U	0.14	0.14		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	75-34-3	1,1-Dichloroethane	0.00154	mg/kg	U	3.5	3.5		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	75-35-4	1,1-Dichloroethene	0.00154	mg/kg	U	11	22		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	563-58-6	1,1-Dichloropropene	0.00154	mg/kg	U	0.001	1.7		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00154	mg/kg	U	6	6		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	96-18-4	1,2,3-Trichloropropane	0.00154	mg/kg	U	0.0049	0.0049		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00154	mg/kg	U	0.27	5.6		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00154	mg/kg	U	0.09	29		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.00154	mg/kg	U	0.0051	0.0051		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00154	mg/kg	U	0.035	0.035		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	95-50-1	1,2-Dichlorobenzene	0.00154	mg/kg	U	0.92	173		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	107-06-2	1,2-Dichloroethane	0.00154	mg/kg	U	0.44	0.44		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	78-87-5	1,2-Dichloropropane	0.00154	mg/kg	U	0.28	1.5		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.00154	mg/kg	U	0.16	26		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	541-73-1	1,3-Dichlorobenzene	0.00154	mg/kg	U	0.74	2.5		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	142-28-9	1,3-Dichloropropane	0.00154	mg/kg	U	0.28	154		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	106-46-7	1,4-Dichlorobenzene	0.00154	mg/kg	U	0.89	2.5		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	594-20-7	2,2-Dichloropropane	0.00154	mg/kg	U	0.28	1.5		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	95-49-8	2-Chlorotoluene	0.00154	mg/kg	U	154	154		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	591-78-6	2-Hexanone	0.00768	mg/kg	U	0.36	19		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	106-43-4	4-Chlorotoluene	0.00154	mg/kg	U	154	154		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	67-64-1	Acetone	0.0154	mg/kg	U	1.2	6720		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	71-43-2	Benzene	0.000529	mg/kg	J	1.2	1.2		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	108-86-1	Bromobenzene	0.00154	mg/kg	U	28	28		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	74-97-5	Bromochloromethane	0.00154	mg/kg	U	3.4	3.4		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	75-27-4	Bromodichloromethane	0.00154	mg/kg	U	0.28	0.28		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	75-25-2	Bromoform	0.00154	mg/kg	U	0.07	18		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	74-83-9	Bromomethane	0.00154	mg/kg	UJ	0.002	0.65		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	75-15-0	Carbon disulfide	0.00154	mg/kg	U	0.81	74		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	56-23-5	Carbon tetrachloride	0.00154	mg/kg	U	0.62	0.62		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	108-90-7	Chlorobenzene	0.00154	mg/kg	U	2.4	27		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	75-00-3	Chloroethane	0.00154	mg/kg	U	518	518		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	67-66-3	Chloroform	0.00154	mg/kg	U	0.31	0.31		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	74-87-3	Chloromethane	0.00154	mg/kg	U	11	11		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.0491	mg/kg		6	6		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.00154	mg/kg	U	0.001	1.7		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	124-48-1	Dibromochloromethane	0.00154	mg/kg	U	3.7	3.7		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	74-95-3	Dibromomethane	0.00154	mg/kg	U	2.304	2.3		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	75-71-8	Dichlorodifluoromethane	0.0000814	mg/kg	J	8.4	8.4		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	100-41-4	Ethylbenzene	0.00154	mg/kg	U	0.27	5.6		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	87-68-3	Hexachlorobutadiene	0.00154	mg/kg	U	0.009	1.2		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	98-82-8	Isopropylbenzene	0.00154	mg/kg	U	0.04	182		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	179601-23-1	m,p-Xylene	0.00307	mg/kg	U	1.4	53		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	78-93-3	MEK (2-Butanone)	0.00768	mg/kg	U	350	2592		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	75-09-2	Methylene chloride	0.00154	mg/kg	U	2.6	34		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00768	mg/kg	U	9.7	3168		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	91-20-3	Naphthalene	0.00154	mg/kg	U	1.9	1.9		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	104-51-8	n-Butylbenzene	0.00154	mg/kg	U	374	374		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	103-65-1	n-Propylbenzene	0.00154	mg/kg	U	365	365		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	95-47-6	o-Xylene	0.00154	mg/kg	U	1.4	61		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	99-87-6	p-Cymene	0.00154	mg/kg	U	0.18	182		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	135-98-8	sec-Butylbenzene	0.00154	mg/kg	U	749	749		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	100-42-5	Styrene	0.00154	mg/kg	U	1.2	576		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	98-06-6	tert-Butylbenzene	0.00154	mg/kg	U	749	749		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	127-18-4	Tetrachloroethene	0.0435	mg/kg		0.18	7.8		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	108-88-3	Toluene	0.00154	mg/kg	U	23	470		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.00154	mg/kg	U	6.7	6.7		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.00154	mg/kg	U	0.001	1.7		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	79-01-6	Trichloroethene	0.0192	mg/kg		0.39	0.39		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	75-69-4	Trichlorofluoromethane	0.00154	mg/kg	U	52	2208		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	108-05-4	Vinyl acetate	0.00768	mg/kg	U	87	87		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8260B	75-01-4	Vinyl chloride	0.00154	mg/kg	U	0.057	0.057		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.006	mg/kg	U	4	605		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.006	mg/kg	U	6	6		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	120-83-2	2,4-Dichlorophenol	0.006	mg/kg	U	0.05	18		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	105-67-9	2,4-Dimethylphenol	0.0024	mg/kg	UJ	0.04	125		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	51-28-5	2,4-Dinitrophenol	0.06	mg/kg	U	0.061	12		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	121-14-2	2,4-Dinitrotoluene	0.012	mg/kg	U	1.6	1.6		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	606-20-2	2,6-Dinitrotoluene	0.006	mg/kg	U	0.3456	0.35		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	91-58-7	2-Chloronaphthalene	0.0024	mg/kg	U	461	461		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	95-57-8	2-Chlorophenol	0.006	mg/kg	U	0.39	37		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	91-57-6	2-Methylnaphthalene	0.0024	mg/kg	U	23	23		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	95-48-7	2-Methylphenol	0.006	mg/kg	U	0.67	307		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	88-74-4	2-Nitroaniline	0.0024	mg/kg	U	5.3	60		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	88-75-5	2-Nitrophenol	0.006	mg/kg	U	5.1	1824		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.024	mg/kg	U	0.03	1.2		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	99-09-2	3-Nitroaniline	0.012	mg/kg	U	0.02	60		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.012	mg/kg	U	0.49	0.49		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.012	mg/kg	U				
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.006	mg/kg	U	605	605		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	106-47-8	4-Chloroaniline	0.012	mg/kg	U	1	2.6		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.012	mg/kg	U				
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	100-01-6	4-Nitroaniline	0.024	mg/kg	UJ	0.02	24		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	100-02-7	4-Nitrophenol	0.06	mg/kg	U	5.1	1824		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	83-32-9	Acenaphthene	0.0024	mg/kg	U	29	346		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	208-96-8	Acenaphthylene	0.0024	mg/kg	U	1.9	1.9		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	62-53-3	Aniline	0.0124	mg/kg	U	42	42		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	120-12-7	Anthracene	0.0024	mg/kg	U	29	1728		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	92-87-5	Benzidine	0.012	mg/kg	U	0.00051	0.00051		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	56-55-3	Benzo(a)anthracene	0.0024	mg/kg	U	1.1	1.1		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	50-32-8	Benzo(a)pyrene	0.0024	mg/kg	U	0.11	0.11		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.0024	mg/kg	U	1.1	173		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.0048	mg/kg	U				
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	65-85-0	Benzoic acid	0.072	mg/kg	U	1	24000		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	100-51-6	Benzyl alcohol	0.006	mg/kg	U	120	605		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.012	mg/kg	U	18	18		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.012	mg/kg	U	0.22	0.22		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.017	mg/kg	J	0.02	37		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.03	mg/kg	U	298	298		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	85-68-7	Butyl benzylphthalate	0.024	mg/kg	U	90	278		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	86-74-8	Carbazole	0.012	mg/kg	U	7.5	7.5		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	218-01-9	Chrysene	0.0024	mg/kg	U	1.1	106		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.0024	mg/kg	U	0.1056	0.11		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	132-64-9	Dibenzofuran	0.006	mg/kg	U	6.1	7.5		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	84-66-2	Diethyl phthalate	0.012	mg/kg	U	100	4896		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	131-11-3	Dimethyl phthalate	0.012	mg/kg	U	10	37		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	84-74-2	Di-n-butylphthalate	0.012	mg/kg	U	0.011	605		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	117-84-0	Di-n-octylphthalate	0.024	mg/kg	U	0.91	60		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	206-44-0	Fluoranthene	0.0024	mg/kg	U	1.1	230		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	86-73-7	Fluorene	0.0024	mg/kg	U	29	230		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	118-74-1	Hexachlorobenzene	0.0024	mg/kg	U	0.075	0.075		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.006	mg/kg	U	0.001	0.17		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	67-72-1	Hexachloroethane	0.006	mg/kg	U	0.024	1.7		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0024	mg/kg	U	1.1	1.1		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	78-59-1	Isophorone	0.012	mg/kg	U	547	547		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	98-95-3	Nitrobenzene	0.012	mg/kg	U	2.2	4.9		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	62-75-9	N-Nitrosodimethylamine	0.012	mg/kg	U	0.0019	0.0019		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.006	mg/kg	U	0.075	0.075		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.0024	mg/kg	U	0.55	106		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	87-86-5	Pentachlorophenol	0.012	mg/kg	UJ	0.96	1		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	85-01-8	Phenanthrene	0.0024	mg/kg	U	29	1728		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	108-95-2	Phenol	0.006	mg/kg	U	0.79	1824		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	8270C	129-00-0	Pyrene	0.0024	mg/kg	U	1.1	173		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	NWTPH-Dx	TPH-D	Diesel Range Organics	29.1	mg/kg	U	260	1100		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	NWTPH-Dx	MOIL	Residual Range Organics	58.3	mg/kg	U	260	2800		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	FD	041118SGA12SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	0.798	mg/kg	U	120	1200		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	6010	7429-90-5	Aluminum	14900	mg/kg		50	7392		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	6010	7440-70-2	Calcium	4550	mg/kg					
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	6010	7440-48-4	Cobalt	12.6	mg/kg		2.2	2.2		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	6010	7439-89-6	Iron	23600	mg/kg		5280	5280		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	6010	7439-95-4	Magnesium	5920	mg/kg					
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	6010	7440-02-0	Nickel	15	mg/kg		38	134		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	6010	7440-09-7	Potassium	774	mg/kg					
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	6010	7440-23-5	Sodium	12.5	mg/kg	U				
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	6010	7440-62-2	Vanadium	67.7	mg/kg		7.8	37		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	6020	7440-36-0	Antimony	0.219	mg/kg	J	0.27	3		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	6020	7440-38-2	Arsenic	3.13	mg/kg		0.43	0.43		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	6020	7440-39-3	Barium	103	mg/kg		330	1440		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	6020	7440-41-7	Beryllium	0.376	mg/kg		15	15		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	6020	7440-43-9	Cadmium	0.0132	mg/kg	U	0.36	0.68		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	6020	7440-47-3	Chromium	19.5	mg/kg		0.29	0.29		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	6020	7440-50-8	Copper	33.2	mg/kg		28	298		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	6020	7439-92-1	Lead	5.46	mg/kg		11	192		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	6020	7439-96-5	Manganese	338	mg/kg		173	173		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	6020	7782-49-2	Selenium	0.314	mg/kg		0.52	37		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	6020	7440-22-4	Silver	0.134	mg/kg	J	4.2	37		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	6020	7440-28-0	Thallium	0.105	mg/kg	J	0.05	0.075		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	6020	7440-66-6	Zinc	45.2	mg/kg		46	2208		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	7471	7439-97-6	Mercury	0.0203	mg/kg	J	0.013	1.1		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0000671	mg/kg	U	0.07	1.9		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	71-55-6	1,1,1-Trichloroethane	0.0000986	mg/kg	U	260	778		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.0000967	mg/kg	U	0.13	0.58		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	79-00-5	1,1,2-Trichloroethane	0.000136	mg/kg	U	0.14	0.14		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	75-34-3	1,1-Dichloroethane	0.0000867	mg/kg	U	3.5	3.5		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	75-35-4	1,1-Dichloroethene	0.00067	mg/kg	U	11	22		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	563-58-6	1,1-Dichloropropene	0.00137	mg/kg	U	0.001	1.7		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.000163	mg/kg	U	6	6		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	96-18-4	1,2,3-Trichloropropane	0.000115	mg/kg	U	0.0049	0.0049		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.000167	mg/kg	U	0.27	5.6		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.0000725	mg/kg	U	0.09	29		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.000204	mg/kg	U	0.0051	0.0051		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0000872	mg/kg	U	0.035	0.035		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	95-50-1	1,2-Dichlorobenzene	0.0000872	mg/kg	U	0.92	173		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	107-06-2	1,2-Dichloroethane	0.000133	mg/kg	U	0.44	0.44		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	78-87-5	1,2-Dichloropropane	0.0000649	mg/kg	U	0.28	1.5		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.0000654	mg/kg	U	0.16	26		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	541-73-1	1,3-Dichlorobenzene	0.0000592	mg/kg	U	0.74	2.5		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	142-28-9	1,3-Dichloropropane	0.000092	mg/kg	U	0.28	154		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	106-46-7	1,4-Dichlorobenzene	0.0000836	mg/kg	U	0.89	2.5		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	594-20-7	2,2-Dichloropropane	0.000116	mg/kg	U	0.28	1.5		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	95-49-8	2-Chlorotoluene	0.0000743	mg/kg	U	154	154		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	591-78-6	2-Hexanone	0.00187	mg/kg	U	0.36	19		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	106-43-4	4-Chlorotoluene	0.000142	mg/kg	U	154	154		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	67-64-1	Acetone	0.0236	mg/kg	U	1.2	6720		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	71-43-2	Benzene	0.000482	mg/kg	J	1.2	1.2		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	108-86-1	Bromobenzene	0.0000682	mg/kg	U	28	28		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	74-97-5	Bromochloromethane	0.0000786	mg/kg	U	3.4	3.4		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	75-27-4	Bromodichloromethane	0.000106	mg/kg	U	0.28	0.28		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	75-25-2	Bromoform	0.000106	mg/kg	U	0.07	18		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	74-83-9	Bromomethane	0.000603	mg/kg	UJ	0.002	0.65		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	75-15-0	Carbon disulfide	0.000474	mg/kg	U	0.81	74		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	56-23-5	Carbon tetrachloride	0.000145	mg/kg	U	0.62	0.62		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	108-90-7	Chlorobenzene	0.0000762	mg/kg	U	2.4	27		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	75-00-3	Chloroethane	0.000984	mg/kg	U	518	518		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	67-66-3	Chloroform	0.00172	mg/kg	U	0.31	0.31		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	74-87-3	Chloromethane	0.000601	mg/kg	U	11	11		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.0678	mg/kg		6	6		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0000627	mg/kg	U	0.001	1.7		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	124-48-1	Dibromochloromethane	0.000111	mg/kg	U	3.7	3.7		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	74-95-3	Dibromomethane	0.000111	mg/kg	U	2.304	2.3		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	75-71-8	Dichlorodifluoromethane	0.0000886	mg/kg	J	8.4	8.4		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	100-41-4	Ethylbenzene	0.00172	mg/kg	U	0.27	5.6		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	87-68-3	Hexachlorobutadiene	0.000101	mg/kg	U	0.009	1.2		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	98-82-8	Isopropylbenzene	0.000064	mg/kg	U	0.04	182		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	179601-23-1	m,p-Xylene	0.00343	mg/kg	U	1.4	53		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	78-93-3	MEK (2-Butanone)	0.00314	mg/kg	U	350	2592		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	75-09-2	Methylene chloride	0.000282	mg/kg	U	2.6	34		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00109	mg/kg	U	9.7	3168		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	91-20-3	Naphthalene	0.000707	mg/kg	U	1.9	1.9		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	104-51-8	n-Butylbenzene	0.000159	mg/kg	U	374	374		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	103-65-1	n-Propylbenzene	0.0000805	mg/kg	U	365	365		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	95-47-6	o-Xylene	0.0000515	mg/kg	U	1.4	61		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	99-87-6	p-Cymene	0.000096	mg/kg	U	0.18	182		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	135-98-8	sec-Butylbenzene	0.000067	mg/kg	U	749	749		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	100-42-5	Styrene	0.0000412	mg/kg	U	1.2	576		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	98-06-6	tert-Butylbenzene	0.0000414	mg/kg	U	749	749		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	127-18-4	Tetrachloroethene	0.0644	mg/kg		0.18	7.8		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	108-88-3	Toluene	0.00172	mg/kg	U	23	470		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.000429	mg/kg	U	6.7	6.7		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0000778	mg/kg	U	0.001	1.7		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	79-01-6	Trichloroethene	0.0297	mg/kg		0.39	0.39		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	75-69-4	Trichlorofluoromethane	0.000601	mg/kg	U	52	2208		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	108-05-4	Vinyl acetate	0.00173	mg/kg	U	87	87		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8260B	75-01-4	Vinyl chloride	0.000319	mg/kg	U	0.057	0.057		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.000959	mg/kg	U	4	605		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.000978	mg/kg	U	6	6		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	120-83-2	2,4-Dichlorophenol	0.0011	mg/kg	U	0.05	18		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	105-67-9	2,4-Dimethylphenol	0.000945	mg/kg	UJ	0.04	125		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	51-28-5	2,4-Dinitrophenol	0.00864	mg/kg	U	0.061	12		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	121-14-2	2,4-Dinitrotoluene	0.0021	mg/kg	U	1.6	1.6		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00132	mg/kg	U	0.3456	0.35		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	91-58-7	2-Chloronaphthalene	0.000834	mg/kg	U	461	461		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	95-57-8	2-Chlorophenol	0.000832	mg/kg	U	0.39	37		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	91-57-6	2-Methylnaphthalene	0.000643	mg/kg	U	23	23		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	95-48-7	2-Methylphenol	0.00117	mg/kg	U	0.67	307		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	88-74-4	2-Nitroaniline	0.000671	mg/kg	U	5.3	60		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	88-75-5	2-Nitrophenol	0.00141	mg/kg	U	5.1	1824		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00536	mg/kg	U	0.03	1.2		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	99-09-2	3-Nitroaniline	0.00362	mg/kg	U	0.02	60		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00222	mg/kg	U	0.49	0.49		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00227	mg/kg	U				
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.0011	mg/kg	U	605	605		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	106-47-8	4-Chloroaniline	0.00115	mg/kg	U	1	2.6		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00266	mg/kg	U				
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	106-44-5	4-Methylphenol	0.00146	mg/kg	U	0.08	125		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	100-01-6	4-Nitroaniline	0.00507	mg/kg	UJ	0.02	24		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	100-02-7	4-Nitrophenol	0.0101	mg/kg	U	5.1	1824		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	83-32-9	Acenaphthene	0.000634	mg/kg	U	29	346		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	208-96-8	Acenaphthylene	0.000728	mg/kg	U	1.9	1.9		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	62-53-3	Aniline	0.00227	mg/kg	U	42	42		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	120-12-7	Anthracene	0.00047	mg/kg	U	29	1728		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	92-87-5	Benzidine	0.00349	mg/kg	U	0.00051	0.00051		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	56-55-3	Benzo(a)anthracene	0.00125	mg/kg	U	1.1	1.1		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	50-32-8	Benzo(a)pyrene	0.000782	mg/kg	U	0.11	0.11		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.000594	mg/kg	U	1.1	173		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.00112	mg/kg	U				
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	65-85-0	Benzoic acid	0.0198	mg/kg	U	1	24000		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	100-51-6	Benzyl alcohol	0.00246	mg/kg	U	120	605		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00237	mg/kg	U	18	18		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00194	mg/kg	U	0.22	0.22		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.133	mg/kg		0.02	37		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.00987	mg/kg	U	298	298		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	85-68-7	Butyl benzylphthalate	0.00264	mg/kg	U	90	278		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	86-74-8	Carbazole	0.00246	mg/kg	U	7.5	7.5		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	218-01-9	Chrysene	0.000884	mg/kg	U	1.1	106		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.000767	mg/kg	U	0.1056	0.11		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	132-64-9	Dibenzofuran	0.000571	mg/kg	U	6.1	7.5		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	84-66-2	Diethyl phthalate	0.00446	mg/kg	U	100	4896		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	131-11-3	Dimethyl phthalate	0.00242	mg/kg	U	10	37		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	84-74-2	Di-n-butylphthalate	0.0124	mg/kg	U	0.011	605		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	117-84-0	Di-n-octylphthalate	0.00227	mg/kg	U	0.91	60		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	206-44-0	Fluoranthene	0.00125	mg/kg	U	1.1	230		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	86-73-7	Fluorene	0.000798	mg/kg	U	29	230		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	118-74-1	Hexachlorobenzene	0.000654	mg/kg	U	0.075	0.075		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.00098	mg/kg	U	0.001	0.17		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	67-72-1	Hexachloroethane	0.00209	mg/kg	U	0.024	1.7		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.000564	mg/kg	U	1.1	1.1		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	78-59-1	Isophorone	0.000623	mg/kg	U	547	547		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	98-95-3	Nitrobenzene	0.00372	mg/kg	U	2.2	4.9		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00377	mg/kg	U	0.0019	0.0019		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00166	mg/kg	U	0.075	0.075		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.000707	mg/kg	U	0.55	106		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	87-86-5	Pentachlorophenol	0.0024	mg/kg	UJ	0.96	1		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	85-01-8	Phenanthrene	0.000734	mg/kg	U	29	1728		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	108-95-2	Phenol	0.000894	mg/kg	U	0.79	1824		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	8270C	129-00-0	Pyrene	0.00042	mg/kg	U	1.1	173		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0052824	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.006315	mg/kg	U	1.1			
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.004327	mg/kg	U	29			
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	NWTPH-Dx	TPH-D	Diesel Range Organics	5.69	mg/kg	U	260	1100		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	NWTPH-Dx	MOIL	Residual Range Organics	11.3	mg/kg	U	260	2800		
DP11	723457.451	7834121.879	11/17/2004	7.5 - 9.5	SO	N	041118SGA11SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.72	mg/kg	U	120	1200		
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	6010	7429-90-5	Aluminum	17900	ug/L				20000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	6010	7440-70-2	Calcium	22000	ug/L					
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	6010	7440-48-4	Cobalt	13.1	ug/L				6	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	6010	7439-89-6	Iron	25900	ug/L				14000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	6010	7439-95-4	Magnesium	14400	ug/L					
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	6010	7440-02-0	Nickel	21.4	ug/L				400	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	6010	7440-09-7	Potassium	3210	ug/L					
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	6010	7440-23-5	Sodium	47700	ug/L					
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	6010	7440-62-2	Vanadium	47	ug/L				86	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	6020	7440-36-0	Antimony	1.67	ug/L				7.8	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	6020	7440-38-2	Arsenic	7.7	ug/L				6300	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	6020	7440-39-3	Barium	97.8	ug/L				4000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	6020	7440-41-7	Beryllium	0.219	ug/L	J			270000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	6020	7440-43-9	Cadmium	0.0247	ug/L	U			130000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	6020	7440-47-3	Chromium	21.5	ug/L				30000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	6020	7440-50-8	Copper	43.4	ug/L				5400000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	6020	7439-92-1	Lead	6.82	ug/L				15	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	6020	7439-96-5	Manganese	489	ug/L				3200000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	6020	7782-49-2	Selenium	1.27	ug/L				100	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	6020	7440-22-4	Silver	0.166	ug/L				1100000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	6020	7440-28-0	Thallium	0.146	ug/L	J			0.2	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	6020	7440-66-6	Zinc	44.4	ug/L				6000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	7470	7439-97-6	Mercury	0.053	ug/L	U			11	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0528	ug/L	U			36	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	71-55-6	1,1,1-Trichloroethane	0.509	ug/L	J			53000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.068	ug/L	U			30	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	79-00-5	1,1,2-Trichloroethane	0.0627	ug/L	U			44	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	75-34-3	1,1-Dichloroethane	0.173	ug/L	J			55	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	75-35-4	1,1-Dichloroethene	0.0624	ug/L	J			1300	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	563-58-6	1,1-Dichloropropene	0.0695	ug/L	U			40	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	87-61-6	1,2,3-Trichlorobenzene	0.0605	ug/L	U			7	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	96-18-4	1,2,3-Trichloropropane	0.123	ug/L	U			200	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	120-82-1	1,2,4-Trichlorobenzene	0.0513	ug/L	U			380	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	95-63-6	1,2,4-Trimethylbenzene	0.0283	ug/L	U			2400	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.222	ug/L	U			0.34	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0637	ug/L	U			1.5	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	95-50-1	1,2-Dichlorobenzene	0.0383	ug/L	U			25000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	107-06-2	1,2-Dichloroethane	0.0533	ug/L	U			18	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	78-87-5	1,2-Dichloropropane	0.038	ug/L	U			52	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	108-67-8	1,3,5-Trimethylbenzene	0.0249	ug/L	U			1700	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	541-73-1	1,3-Dichlorobenzene	0.0599	ug/L	U			25	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	142-28-9	1,3-Dichloropropane	0.0738	ug/L	U			370	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	106-46-7	1,4-Dichlorobenzene	0.018	ug/L	U			25	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	594-20-7	2,2-Dichloropropane	0.0487	ug/L	U			52	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	95-49-8	2-Chlorotoluene	0.0857	ug/L	U			240	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	591-78-6	2-Hexanone	0.993	ug/L	U			72000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	106-43-4	4-Chlorotoluene	0.0491	ug/L	U			250	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	67-64-1	Acetone	1.59	ug/L	J			18000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	71-43-2	Benzene	0.137	ug/L	J			12	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	108-86-1	Bromobenzene	0.0475	ug/L	U			6300	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	74-97-5	Bromochloromethane	0.0573	ug/L	U			450	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	75-27-4	Bromodichloromethane	0.0785	ug/L	U			6.9	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	75-25-2	Bromoform	0.083	ug/L	U			1100	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	74-83-9	Bromomethane	1	ug/L	U			110	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	75-15-0	Carbon disulfide	1	ug/L	U			8200	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	56-23-5	Carbon tetrachloride	0.097	ug/L	U			3.1	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	108-90-7	Chlorobenzene	0.0376	ug/L	U			3400	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	75-00-3	Chloroethane	0.187	ug/L	U			57000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	67-66-3	Chloroform	0.0717	ug/L	U			5.9	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	74-87-3	Chloromethane	0.11	ug/L	U			1500	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	156-59-2	cis-1,2-Dichloroethene	150	ug/L	J			1800	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0301	ug/L	U			40	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	124-48-1	Dibromochloromethane	0.0539	ug/L	U			610	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	74-95-3	Dibromomethane	0.0864	ug/L	U			950	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	75-71-8	Dichlorodifluoromethane	0.0575	ug/L	U			41	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	100-41-4	Ethylbenzene	0.0357	ug/L	J			31	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	87-68-3	Hexachlorobutadiene	0.152	ug/L	U			3.3	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	98-82-8	Isopropylbenzene	0.0165	ug/L	U			9100	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	179601-23-1	m,p-Xylene	0.0718	ug/L	U			3000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	78-93-3	MEK (2-Butanone)	1.71	ug/L	U			17000000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	75-09-2	Methylene chloride	1	ug/L	U			15000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.309	ug/L	U			4600000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	91-20-3	Naphthalene	0.0317	ug/L	U			20	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	104-51-8	n-Butylbenzene	0.0603	ug/L	U			1000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	103-65-1	n-Propylbenzene	0.0356	ug/L	U			22000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	95-47-6	o-Xylene	0.0265	ug/L	U			4300	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	99-87-6	p-Cymene	0.0397	ug/L	U			9100	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	135-98-8	sec-Butylbenzene	0.0358	ug/L	U			2000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	100-42-5	Styrene	0.0279	ug/L	U			84000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	98-06-6	tert-Butylbenzene	0.0535	ug/L	U			690	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	127-18-4	Tetrachloroethene	54.5	ug/L				130	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	108-88-3	Toluene	0.177	ug/L	J			150000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	156-60-5	trans-1,2-Dichloroethene	1.09	ug/L				457	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0539	ug/L	U			21	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	79-01-6	Trichloroethene	43.7	ug/L				7.4	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	75-69-4	Trichlorofluoromethane	0.062	ug/L	U			160000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	108-05-4	Vinyl acetate	0.32	ug/L	U			80000	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	8260B	75-01-4	Vinyl chloride	0.132	ug/L	J			3.3	
DP11	723457.451	7834121.879	11/19/2004	7 - 17	WG	N	041119SGA12GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	20.9	ug/L	J			14000	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	120-82-1	1,2,4-Trichlorobenzene	0.0122	ug/L	U			380	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	95-50-1	1,2-Dichlorobenzene	0.0276	ug/L	U			25000	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	541-73-1	1,3-Dichlorobenzene	0.0364	ug/L	U			25	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	106-46-7	1,4-Dichlorobenzene	0.0314	ug/L	U			25	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	95-95-4	2,4,5-Trichlorophenol	0.044	ug/L	UJ			1200	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	88-06-2	2,4,6-Trichlorophenol	0.0319	ug/L	UJ			1700	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	120-83-2	2,4-Dichlorophenol	0.0185	ug/L	UJ			46	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	105-67-9	2,4-Dimethylphenol	0.182	ug/L	UJ			360	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	51-28-5	2,4-Dinitrophenol	0.206	ug/L	UJ			39	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	121-14-2	2,4-Dinitrotoluene	0.057	ug/L	U			0.24	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	606-20-2	2,6-Dinitrotoluene	0.0377	ug/L	U			830	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	91-58-7	2-Chloronaphthalene	0.00477	ug/L	U			750	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	95-57-8	2-Chlorophenol	0.0418	ug/L	UJ			91	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	91-57-6	2-Methylnaphthalene	0.0148	ug/L	U			36	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	95-48-7	2-Methylphenol	0.0388	ug/L	UJ			930	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	88-74-4	2-Nitroaniline	0.0297	ug/L	U			190	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	88-75-5	2-Nitrophenol	0.0425	ug/L	UJ			5800	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	91-94-1	3,3'-Dichlorobenzidine	0.186	ug/L	U			0.17	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	99-09-2	3-Nitroaniline	0.0561	ug/L	U			190	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.308	ug/L	UJ			1.5	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0217	ug/L	U				
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	59-50-7	4-Chloro-3-methylphenol	0.0242	ug/L	UJ			1400	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	106-47-8	4-Chloroaniline	0.0718	ug/L	U			0.37	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.032	ug/L	U				
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	106-44-5	4-Methylphenol	0.0438	ug/L	UJ			370	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	100-01-6	4-Nitroaniline	0.0385	ug/L	U			3.8	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	100-02-7	4-Nitrophenol	0.117	ug/L	UJ			5800	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	83-32-9	Acenaphthene	0.00338	ug/L	U			510	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	208-96-8	Acenaphthylene	0.00238	ug/L	U			20	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	62-53-3	Aniline	0.298	ug/L	U			13	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	120-12-7	Anthracene	0.00189	ug/L	U			1800	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	92-87-5	Benzidine	0.993	ug/L	UJ			17	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	56-55-3	Benzo(a)anthracene	0.00516	ug/L	U			2300	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	50-32-8	Benzo(a)pyrene	0.00328	ug/L	U			0.025	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	191-24-2	Benzo(g,h,i)perylene	0.00506	ug/L	U			120	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	56832-73-6	Benzofluoranthenes, Total	0.0118	ug/L	U				
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	65-85-0	Benzoic acid	0.133	ug/L	UJ			75000	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	100-51-6	Benzyl alcohol	0.0422	ug/L	UJ			2000	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.018	ug/L	U			59	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0322	ug/L	U			140	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.378	ug/L	U			5.6	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0426	ug/L	U			710	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	85-68-7	Butyl benzylphthalate	0.228	ug/L	J			16	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	86-74-8	Carbazole	0.0215	ug/L	U			7.9	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	218-01-9	Chrysene	0.00834	ug/L	U			25	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	53-70-3	Dibenzo(a,h)anthracene	0.00308	ug/L	U			0.025	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	132-64-9	Dibenzofuran	0.0204	ug/L	U			7.9	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	84-66-2	Diethyl phthalate	0.0553	ug/L	U			15000	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	131-11-3	Dimethyl phthalate	0.0387	ug/L	U			15000	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	84-74-2	Di-n-butylphthalate	0.608	ug/L	U			900	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	117-84-0	Di-n-octylphthalate	0.0271	ug/L	U			200	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	206-44-0	Fluoranthene	0.00566	ug/L	U			800	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	86-73-7	Fluorene	0.00169	ug/L	U			280	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	118-74-1	Hexachlorobenzene	0.0248	ug/L	U			1.3	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	87-68-3	Hexachlorobutadiene	0.0146	ug/L	U			3.3	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	77-47-4	Hexachlorocyclopentadiene	0.308	ug/L	UJ			48	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	67-72-1	Hexachloroethane	0.0378	ug/L	U			7	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.00278	ug/L	U			0.25	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	78-59-1	Isophorone	0.0281	ug/L	U			78	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	91-20-3	Naphthalene	0.0222	ug/L	J			20	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	98-95-3	Nitrobenzene	0.0516	ug/L	U			800	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	62-75-9	N-Nitrosodimethylamine	0.993	ug/L	U			25	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0366	ug/L	U			370	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	86-30-6	N-Nitrosodiphenylamine	0.00844	ug/L	U			12	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	87-86-5	Pentachlorophenol	0.199	ug/L	UJ			53	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	85-01-8	Phenanthrene	0.00759	ug/L	J			1800	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	108-95-2	Phenol	0.00457	ug/L	UJ			5800	
DP11	723457.451	7834121.879	11/22/2004	7 - 17	WG	N	041122SGA12GW	8270C	129-00-0	Pyrene	0.00288	ug/L	U			110	
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	6010	7429-90-5	Aluminum	17000	mg/kg		50	7392		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	6010	7440-70-2	Calcium	4410	mg/kg					
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	6010	7440-48-4	Cobalt	15.7	mg/kg		2.2	2.2		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	6010	7439-89-6	Iron	26500	mg/kg		5280	5280		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	6010	7439-95-4	Magnesium	7540	mg/kg					
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	6010	7440-02-0	Nickel	29	mg/kg		38	134		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	6010	7440-09-7	Potassium	546	mg/kg					
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	6010	7440-23-5	Sodium	114	mg/kg	J				
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	6010	7440-62-2	Vanadium	72.2	mg/kg		7.8	37		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	6020	7440-36-0	Antimony	0.285	mg/kg		0.27	3		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	6020	7440-38-2	Arsenic	4.2	mg/kg		0.43	0.43		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	6020	7440-39-3	Barium	108	mg/kg		330	1440		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	6020	7440-41-7	Beryllium	0.372	mg/kg		15	15		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	6020	7440-43-9	Cadmium	0.014	mg/kg	U	0.36	0.68		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	6020	7440-47-3	Chromium	26.4	mg/kg		0.29	0.29		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	6020	7440-50-8	Copper	33.5	mg/kg		28	298		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	6020	7439-92-1	Lead	5.7	mg/kg		11	192		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	6020	7439-96-5	Manganese	818	mg/kg		173	173		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	6020	7782-49-2	Selenium	0.316	mg/kg		0.52	37		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	6020	7440-22-4	Silver	0.122	mg/kg	J	4.2	37		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	6020	7440-28-0	Thallium	0.216	mg/kg	J	0.05	0.075		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	6020	7440-66-6	Zinc	50.6	mg/kg		46	2208		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	7471	7439-97-6	Mercury	0.0534	mg/kg		0.013	1.1		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0000607	mg/kg	U	0.07	1.9		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	71-55-6	1,1,1-Trichloroethane	0.0000969	mg/kg	J	260	778		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.0000875	mg/kg	U	0.13	0.58		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	79-00-5	1,1,2-Trichloroethane	0.000123	mg/kg	U	0.14	0.14		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	75-34-3	1,1-Dichloroethane	0.0000784	mg/kg	U	3.5	3.5		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	75-35-4	1,1-Dichloroethene	0.000606	mg/kg	U	11	22		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	563-58-6	1,1-Dichloropropene	0.00124	mg/kg	U	0.001	1.7		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.000148	mg/kg	U	6	6		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	96-18-4	1,2,3-Trichloropropane	0.000104	mg/kg	U	0.0049	0.0049		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.000151	mg/kg	UJ	0.27	5.6		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.0000655	mg/kg	U	0.09	29		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.000185	mg/kg	U	0.0051	0.0051		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0000789	mg/kg	U	0.035	0.035		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	95-50-1	1,2-Dichlorobenzene	0.0000789	mg/kg	U	0.92	173		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	107-06-2	1,2-Dichloroethane	0.00012	mg/kg	U	0.44	0.44		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	78-87-5	1,2-Dichloropropane	0.0000587	mg/kg	U	0.28	1.5		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.0000592	mg/kg	U	0.16	26		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	541-73-1	1,3-Dichlorobenzene	0.0000536	mg/kg	U	0.74	2.5		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	142-28-9	1,3-Dichloropropane	0.0000833	mg/kg	U	0.28	154		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	106-46-7	1,4-Dichlorobenzene	0.0000756	mg/kg	UJ	0.89	2.5		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	594-20-7	2,2-Dichloropropane	0.000105	mg/kg	U	0.28	1.5		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	95-49-8	2-Chlorotoluene	0.0000673	mg/kg	U	154	154		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	591-78-6	2-Hexanone	0.00169	mg/kg	U	0.36	19		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	106-43-4	4-Chlorotoluene	0.000129	mg/kg	U	154	154		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	67-64-1	Acetone	0.00777	mg/kg	U	1.2	6720		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	71-43-2	Benzene	0.00155	mg/kg	U	1.2	1.2		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	108-86-1	Bromobenzene	0.0000617	mg/kg	U	28	28		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	74-97-5	Bromochloromethane	0.0000711	mg/kg	U	3.4	3.4		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	75-27-4	Bromodichloromethane	0.000096	mg/kg	U	0.28	0.28		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	75-25-2	Bromoform	0.0000961	mg/kg	U	0.07	18		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	74-83-9	Bromomethane	0.000545	mg/kg	UJ	0.002	0.65		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	75-15-0	Carbon disulfide	0.000429	mg/kg	U	0.81	74		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	56-23-5	Carbon tetrachloride	0.000131	mg/kg	U	0.62	0.62		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	108-90-7	Chlorobenzene	0.000069	mg/kg	U	2.4	27		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	75-00-3	Chloroethane	0.00089	mg/kg	U	518	518		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	67-66-3	Chloroform	0.0000826	mg/kg	U	0.31	0.31		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	74-87-3	Chloromethane	0.000544	mg/kg	U	11	11		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.00495	mg/kg		6	6		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0000567	mg/kg	U	0.001	1.7		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	124-48-1	Dibromochloromethane	0.0001	mg/kg	U	3.7	3.7		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	74-95-3	Dibromomethane	0.000101	mg/kg	U	2.304	2.3		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	75-71-8	Dichlorodifluoromethane	0.0000635	mg/kg	U	8.4	8.4		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	100-41-4	Ethylbenzene	0.0000384	mg/kg	U	0.27	5.6		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	87-68-3	Hexachlorobutadiene	0.000091	mg/kg	U	0.009	1.2		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	98-82-8	Isopropylbenzene	0.0000579	mg/kg	U	0.04	182		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	179601-23-1	m,p-Xylene	0.00311	mg/kg	U	1.4	53		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	78-93-3	MEK (2-Butanone)	0.00284	mg/kg	U	350	2592		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	75-09-2	Methylene chloride	0.000255	mg/kg	U	2.6	34		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.000985	mg/kg	U	9.7	3168		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	91-20-3	Naphthalene	0.00064	mg/kg	U	1.9	1.9		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	104-51-8	n-Butylbenzene	0.000144	mg/kg	U	374	374		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	103-65-1	n-Propylbenzene	0.0000728	mg/kg	U	365	365		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	95-47-6	o-Xylene	0.00155	mg/kg	U	1.4	61		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	99-87-6	p-Cymene	0.0000868	mg/kg	U	0.18	182		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	135-98-8	sec-Butylbenzene	0.0000606	mg/kg	U	749	749		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	100-42-5	Styrene	0.0000373	mg/kg	U	1.2	576		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	98-06-6	tert-Butylbenzene	0.0000374	mg/kg	U	749	749		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	127-18-4	Tetrachloroethene	0.0144	mg/kg		0.18	7.8		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	108-88-3	Toluene	0.00155	mg/kg	U	23	470		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.000388	mg/kg	U	6.7	6.7		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0000704	mg/kg	U	0.001	1.7		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	79-01-6	Trichloroethene	0.00406	mg/kg		0.39	0.39		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	75-69-4	Trichlorofluoromethane	0.000544	mg/kg	U	52	2208		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	108-05-4	Vinyl acetate	0.00157	mg/kg	U	87	87		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8260B	75-01-4	Vinyl chloride	0.000289	mg/kg	U	0.057	0.057		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.000941	mg/kg	U	4	605		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.000959	mg/kg	U	6	6		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	120-83-2	2,4-Dichlorophenol	0.00108	mg/kg	U	0.05	18		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	105-67-9	2,4-Dimethylphenol	0.000928	mg/kg	UJ	0.04	125		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	51-28-5	2,4-Dinitrophenol	0.00848	mg/kg	U	0.061	12		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00206	mg/kg	UJ	1.6	1.6		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	606-20-2	2,6-Dinitrotoluene	0.0013	mg/kg	U	0.3456	0.35		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	91-58-7	2-Chloronaphthalene	0.000819	mg/kg	U	461	461		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	95-57-8	2-Chlorophenol	0.000816	mg/kg	U	0.39	37		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	91-57-6	2-Methylnaphthalene	0.000631	mg/kg	U	23	23		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	95-48-7	2-Methylphenol	0.00115	mg/kg	U	0.67	307		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	88-74-4	2-Nitroaniline	0.000659	mg/kg	U	5.3	60		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	88-75-5	2-Nitrophenol	0.00138	mg/kg	U	5.1	1824		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00526	mg/kg	U	0.03	1.2		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	99-09-2	3-Nitroaniline	0.00355	mg/kg	U	0.02	60		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00218	mg/kg	U	0.49	0.49		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00223	mg/kg	U				
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.00108	mg/kg	U	605	605		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	106-47-8	4-Chloroaniline	0.00113	mg/kg	U	1	2.6		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00261	mg/kg	U				
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	106-44-5	4-Methylphenol	0.00143	mg/kg	U	0.08	125		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	100-01-6	4-Nitroaniline	0.00497	mg/kg	UJ	0.02	24		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	100-02-7	4-Nitrophenol	0.00993	mg/kg	U	5.1	1824		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	83-32-9	Acenaphthene	0.000622	mg/kg	U	29	346		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	208-96-8	Acenaphthylene	0.000714	mg/kg	U	1.9	1.9		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	62-53-3	Aniline	0.00223	mg/kg	U	42	42		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	120-12-7	Anthracene	0.000461	mg/kg	U	29	1728		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	92-87-5	Benzidine	0.00342	mg/kg	U	0.00051	0.00051		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	56-55-3	Benzo(a)anthracene	0.00123	mg/kg	U	1.1	1.1		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	50-32-8	Benzo(a)pyrene	0.000768	mg/kg	U	0.11	0.11		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.000583	mg/kg	U	1.1	173		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.0011	mg/kg	U				
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	65-85-0	Benzoic acid	0.0194	mg/kg	U	1	24000		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	100-51-6	Benzyl alcohol	0.00241	mg/kg	U	120	605		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00233	mg/kg	U	18	18		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0019	mg/kg	U	0.22	0.22		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.00667	mg/kg	J	0.02	37		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.00969	mg/kg	U	298	298		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	85-68-7	Butyl benzylphthalate	0.0026	mg/kg	U	90	278		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	86-74-8	Carbazole	0.00241	mg/kg	U	7.5	7.5		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	218-01-9	Chrysene	0.000867	mg/kg	U	1.1	106		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.000753	mg/kg	U	0.1056	0.11		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	132-64-9	Dibenzofuran	0.00056	mg/kg	U	6.1	7.5		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	84-66-2	Diethyl phthalate	0.00438	mg/kg	U	100	4896		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	131-11-3	Dimethyl phthalate	0.00238	mg/kg	U	10	37		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	84-74-2	Di-n-butylphthalate	0.00221	mg/kg	U	0.011	605		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	117-84-0	Di-n-octylphthalate	0.00223	mg/kg	U	0.91	60		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	206-44-0	Fluoranthene	0.00123	mg/kg	U	1.1	230		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	86-73-7	Fluorene	0.000784	mg/kg	U	29	230		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	118-74-1	Hexachlorobenzene	0.000642	mg/kg	U	0.075	0.075		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.000962	mg/kg	U	0.001	0.17		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	67-72-1	Hexachloroethane	0.00205	mg/kg	U	0.024	1.7		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.000553	mg/kg	U	1.1	1.1		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	78-59-1	Isophorone	0.000611	mg/kg	U	547	547		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	98-95-3	Nitrobenzene	0.00365	mg/kg	U	2.2	4.9		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	62-75-9	N-Nitrosodimethylamine	0.0037	mg/kg	U	0.0019	0.0019		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00163	mg/kg	U	0.075	0.075		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.000694	mg/kg	U	0.55	106		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	87-86-5	Pentachlorophenol	0.00235	mg/kg	UJ	0.96	1		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	85-01-8	Phenanthrene	0.00072	mg/kg	U	29	1728		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	108-95-2	Phenol	0.000877	mg/kg	U	0.79	1824		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	8270C	129-00-0	Pyrene	0.000412	mg/kg	U	1.1	173		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.00534843	mg/kg	U				
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.006396	mg/kg	U	1.1			
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.004371	mg/kg	U	29			
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	NWTPH-Dx	TPH-D	Diesel Range Organics	5.56	mg/kg	U	260	1100		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	NWTPH-Dx	MOIL	Residual Range Organics	11.1	mg/kg	U	260	2800		
DP12	723442.295	7834096.317	11/17/2004	6.5 - 9.5	SO	N	041118SGA13SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.85	mg/kg	U	120	1200		
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0528	ug/L	U			36	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	71-55-6	1,1,1-Trichloroethane	0.0997	ug/L	J			53000	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.068	ug/L	U			30	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	79-00-5	1,1,2-Trichloroethane	0.0627	ug/L	U			44	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	75-34-3	1,1-Dichloroethane	0.036	ug/L	U			55	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	75-35-4	1,1-Dichloroethene	0.0595	ug/L	U			1300	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	563-58-6	1,1-Dichloropropene	0.0695	ug/L	U			40	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	87-61-6	1,2,3-Trichlorobenzene	0.0605	ug/L	U			7	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	96-18-4	1,2,3-Trichloropropane	0.123	ug/L	U			200	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	120-82-1	1,2,4-Trichlorobenzene	0.0513	ug/L	U			380	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	95-63-6	1,2,4-Trimethylbenzene	0.0415	ug/L	J			2400	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.222	ug/L	U			0.34	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0637	ug/L	U			1.5	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	95-50-1	1,2-Dichlorobenzene	0.0383	ug/L	U			25000	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	107-06-2	1,2-Dichloroethane	0.0533	ug/L	U			18	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	78-87-5	1,2-Dichloropropane	0.038	ug/L	U			52	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	108-67-8	1,3,5-Trimethylbenzene	0.0249	ug/L	U			1700	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	541-73-1	1,3-Dichlorobenzene	0.0599	ug/L	U			25	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	142-28-9	1,3-Dichloropropane	0.0738	ug/L	U			370	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	106-46-7	1,4-Dichlorobenzene	0.018	ug/L	U			25	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	594-20-7	2,2-Dichloropropane	0.0487	ug/L	U			52	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	95-49-8	2-Chlorotoluene	0.0857	ug/L	U			240	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	591-78-6	2-Hexanone	0.993	ug/L	U			72000	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	106-43-4	4-Chlorotoluene	0.0491	ug/L	U			250	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	67-64-1	Acetone	3.88	ug/L	J			18000	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	71-43-2	Benzene	0.08	ug/L	J			12	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	108-86-1	Bromobenzene	0.0475	ug/L	U			6300	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	74-97-5	Bromochloromethane	0.0573	ug/L	U			450	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	75-27-4	Bromodichloromethane	0.0785	ug/L	U			6.9	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	75-25-2	Bromoform	0.151	ug/L	J			1100	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	74-83-9	Bromomethane	1	ug/L	U			110	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	75-15-0	Carbon disulfide	1	ug/L	U			8200	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	56-23-5	Carbon tetrachloride	0.097	ug/L	U			3.1	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	108-90-7	Chlorobenzene	0.0376	ug/L	U			3400	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	75-00-3	Chloroethane	0.187	ug/L	U			57000	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	67-66-3	Chloroform	0.0717	ug/L	U			5.9	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	74-87-3	Chloromethane	0.11	ug/L	U			1500	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	156-59-2	cis-1,2-Dichloroethene	4.86	ug/L				1800	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0301	ug/L	U			40	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	124-48-1	Dibromochloromethane	0.0539	ug/L	U			610	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	74-95-3	Dibromomethane	0.0864	ug/L	U			950	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	75-71-8	Dichlorodifluoromethane	0.0575	ug/L	U			41	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	100-41-4	Ethylbenzene	0.0447	ug/L	J			31	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	87-68-3	Hexachlorobutadiene	0.152	ug/L	U			3.3	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	98-82-8	Isopropylbenzene	0.0165	ug/L	U			9100	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	179601-23-1	m,p-Xylene	0.132	ug/L	J			3000	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	78-93-3	MEK (2-Butanone)	1.71	ug/L	U			17000000	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	75-09-2	Methylene chloride	0.0752	ug/L	U			15000	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.309	ug/L	U			4600000	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	91-20-3	Naphthalene	1	ug/L	U			20	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	104-51-8	n-Butylbenzene	0.0603	ug/L	U			1000	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	103-65-1	n-Propylbenzene	0.0356	ug/L	U			22000	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	95-47-6	o-Xylene	0.0486	ug/L	J			4300	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	99-87-6	p-Cymene	0.0397	ug/L	U			9100	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	135-98-8	sec-Butylbenzene	0.0358	ug/L	U			2000	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	100-42-5	Styrene	0.0279	ug/L	U			84000	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	98-06-6	tert-Butylbenzene	0.0535	ug/L	U			690	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	127-18-4	Tetrachloroethene	9.44	ug/L				130	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	108-88-3	Toluene	0.154	ug/L	J			150000	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	156-60-5	trans-1,2-Dichloroethene	0.0584	ug/L	U			457	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0539	ug/L	U			21	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	79-01-6	Trichloroethene	2.95	ug/L				7.4	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	75-69-4	Trichlorofluoromethane	0.062	ug/L	U			160000	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	108-05-4	Vinyl acetate	0.32	ug/L	U			80000	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	8260B	75-01-4	Vinyl chloride	0.0604	ug/L	U			3.3	
DP12	723442.295	7834096.317	11/19/2004	7.8 - 17.8	WG	N	041119SGA11GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	6010	7429-90-5	Aluminum	17500	ug/L				20000	
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	6010	7440-70-2	Calcium	24400	ug/L					
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	6010	7440-48-4	Cobalt	5.08	ug/L				6	
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	6010	7439-89-6	Iron	23700	ug/L				14000	
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	6010	7439-95-4	Magnesium	8700	ug/L					
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	6010	7440-02-0	Nickel	10.8	ug/L				400	
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	6010	7440-09-7	Potassium	2150	ug/L					
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	6010	7440-23-5	Sodium	26400	ug/L					
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	6010	7440-62-2	Vanadium	77.6	ug/L				86	
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	6020	7440-36-0	Antimony	0.339	ug/L	J			7.8	
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	6020	7440-38-2	Arsenic	0.262	ug/L	J			6300	
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	6020	7440-39-3	Barium	70.2	ug/L				4000	
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	6020	7440-41-7	Beryllium	0.785	ug/L				270000	
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	6020	7440-43-9	Cadmium	0.0247	ug/L	U			130000	
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	6020	7440-47-3	Chromium	31.8	ug/L				30000	
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	6020	7440-50-8	Copper	204	ug/L				5400000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	6020	7439-92-1	Lead	13.7	ug/L				15	
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	6020	7439-96-5	Manganese	473	ug/L				3200000	
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	6020	7782-49-2	Selenium	1.29	ug/L				100	
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	6020	7440-22-4	Silver	0.376	ug/L				1100000	
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	6020	7440-28-0	Thallium	0.053	ug/L	J			0.2	
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	6020	7440-66-6	Zinc	21.2	ug/L				6000	
DP12	723442.295	7834096.317	11/22/2004	7.8 - 17.8	WG	N	041122SGA11GW	7470	7439-97-6	Mercury	0.053	ug/L	U			11	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	6010	7429-90-5	Aluminum	2250	ug/L				20000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	6010	7440-70-2	Calcium	22800	ug/L					
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	6010	7440-48-4	Cobalt	1.68	ug/L	J			6	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	6010	7439-89-6	Iron	3220	ug/L				14000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	6010	7439-95-4	Magnesium	6130	ug/L					
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	6010	7440-02-0	Nickel	2.45	ug/L	J			400	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	6010	7440-09-7	Potassium	898	ug/L	J				
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	6010	7440-23-5	Sodium	6860	ug/L					
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	6010	7440-62-2	Vanadium	9.25	ug/L	J			86	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	6020	7440-36-0	Antimony	0.934	ug/L				7.8	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	6020	7440-38-2	Arsenic	2.5	ug/L				6300	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	6020	7440-39-3	Barium	12.5	ug/L				4000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	6020	7440-41-7	Beryllium	0.0782	ug/L	U			270000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	6020	7440-43-9	Cadmium	0.03	ug/L	J			130000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	6020	7440-47-3	Chromium	9.37	ug/L				30000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	6020	7440-50-8	Copper	7.29	ug/L				5400000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	6020	7439-92-1	Lead	1.08	ug/L				15	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	6020	7439-96-5	Manganese	68.2	ug/L				3200000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	6020	7782-49-2	Selenium	0.904	ug/L				100	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	6020	7440-22-4	Silver	0.045	ug/L	J			1100000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	6020	7440-28-0	Thallium	0.057	ug/L	J			0.2	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	6020	7440-66-6	Zinc	8.58	ug/L	J			6000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	7470	7439-97-6	Mercury	0.1	ug/L	J			11	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8082	12674-11-2	Aroclor-1016	0.00216	ug/L	U			75	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8082	11104-28-2	Aroclor-1221	0.00216	ug/L	U			2.3	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8082	11141-16-5	Aroclor-1232	0.00216	ug/L	U			0.71	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8082	53469-21-9	Aroclor-1242	0.00216	ug/L	U			5.8	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8082	12672-29-6	Aroclor-1248	0.00216	ug/L	U			1.2	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8082	11097-69-1	Aroclor-1254	0.00238	ug/L	U			7.2	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8082	11096-82-5	Aroclor-1260	0.00238	ug/L	U			1.6	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0528	ug/L	U			36	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	71-55-6	1,1,1-Trichloroethane	0.0477	ug/L	U			53000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.068	ug/L	U			30	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	79-00-5	1,1,2-Trichloroethane	0.0627	ug/L	U			44	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	75-34-3	1,1-Dichloroethane	0.036	ug/L	U			55	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	75-35-4	1,1-Dichloroethene	0.0595	ug/L	U			1300	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	563-58-6	1,1-Dichloropropene	0.0695	ug/L	U			40	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	87-61-6	1,2,3-Trichlorobenzene	0.0605	ug/L	U			7	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	96-18-4	1,2,3-Trichloropropane	0.123	ug/L	U			200	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	95-63-6	1,2,4-Trimethylbenzene	0.0283	ug/L	U			2400	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.222	ug/L	U			0.34	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0637	ug/L	U			1.5	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	107-06-2	1,2-Dichloroethane	0.0533	ug/L	U			18	

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	78-87-5	1,2-Dichloropropane	0.038	ug/L	U			52	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	108-67-8	1,3,5-Trimethylbenzene	0.0249	ug/L	U			1700	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	142-28-9	1,3-Dichloropropane	0.0738	ug/L	U			370	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	106-46-7	1,4-Dichlorobenzene	0.018	ug/L	U			25	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	594-20-7	2,2-Dichloropropane	0.13	ug/L	J			52	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	95-49-8	2-Chlorotoluene	0.0857	ug/L	U			240	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	591-78-6	2-Hexanone	0.993	ug/L	U			72000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	106-43-4	4-Chlorotoluene	0.0491	ug/L	U			250	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	67-64-1	Acetone	1.2	ug/L	U			18000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	71-43-2	Benzene	0.0417	ug/L	U			12	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	108-86-1	Bromobenzene	0.0475	ug/L	U			6300	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	74-97-5	Bromochloromethane	0.0573	ug/L	U			450	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	75-27-4	Bromodichloromethane	0.0785	ug/L	U			6.9	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	75-25-2	Bromoform	0.083	ug/L	U			1100	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	74-83-9	Bromomethane	1	ug/L	U			110	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	75-15-0	Carbon disulfide	0.0494	ug/L	U			8200	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	56-23-5	Carbon tetrachloride	0.097	ug/L	U			3.1	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	108-90-7	Chlorobenzene	0.0376	ug/L	U			3400	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	75-00-3	Chloroethane	0.187	ug/L	U			57000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	67-66-3	Chloroform	0.174	ug/L	J			5.9	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	74-87-3	Chloromethane	0.11	ug/L	U			1500	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	156-59-2	cis-1,2-Dichloroethene	0.693	ug/L	J			1800	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0301	ug/L	U			40	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	124-48-1	Dibromochloromethane	0.0539	ug/L	U			610	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	74-95-3	Dibromomethane	0.0864	ug/L	U			950	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	75-71-8	Dichlorodifluoromethane	0.0575	ug/L	U			41	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	100-41-4	Ethylbenzene	0.0226	ug/L	U			31	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	98-82-8	Isopropylbenzene	0.0165	ug/L	U			9100	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	179601-23-1	m,p-Xylene	0.0718	ug/L	U			3000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	78-93-3	MEK (2-Butanone)	1.71	ug/L	U			17000000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	75-09-2	Methylene chloride	0.0752	ug/L	U			15000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.309	ug/L	U			4600000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	104-51-8	n-Butylbenzene	0.0603	ug/L	U			1000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	103-65-1	n-Propylbenzene	0.0356	ug/L	U			22000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	95-47-6	o-Xylene	0.0265	ug/L	U			4300	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	99-87-6	p-Cymene	0.0397	ug/L	U			9100	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	135-98-8	sec-Butylbenzene	0.0358	ug/L	U			2000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	100-42-5	Styrene	0.0279	ug/L	U			84000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	98-06-6	tert-Butylbenzene	0.0535	ug/L	U			690	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	127-18-4	Tetrachloroethene	1.76	ug/L				130	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	108-88-3	Toluene	1	ug/L	U			150000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	156-60-5	trans-1,2-Dichloroethene	0.0584	ug/L	U			457	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0539	ug/L	U			21	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	79-01-6	Trichloroethene	0.597	ug/L	J			7.4	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	75-69-4	Trichlorofluoromethane	0.062	ug/L	U			160000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	108-05-4	Vinyl acetate	0.32	ug/L	U			80000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8260B	75-01-4	Vinyl chloride	0.0604	ug/L	U			3.3	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	120-82-1	1,2,4-Trichlorobenzene	0.0123	ug/L	U			380	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	95-50-1	1,2-Dichlorobenzene	0.0278	ug/L	U			25000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	541-73-1	1,3-Dichlorobenzene	0.0367	ug/L	U			25	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	95-95-4	2,4,5-Trichlorophenol	0.0443	ug/L	UJ			1200	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	88-06-2	2,4,6-Trichlorophenol	0.0321	ug/L	UJ			1700	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	120-83-2	2,4-Dichlorophenol	0.0186	ug/L	UJ			46	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	105-67-9	2,4-Dimethylphenol	0.183	ug/L	UJ			360	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	51-28-5	2,4-Dinitrophenol	0.207	ug/L	UJ			39	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	121-14-2	2,4-Dinitrotoluene	0.0573	ug/L	U			0.24	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	606-20-2	2,6-Dinitrotoluene	0.038	ug/L	U			830	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	91-58-7	2-Chloronaphthalene	0.0048	ug/L	U			750	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	95-57-8	2-Chlorophenol	0.0421	ug/L	UJ			91	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	91-57-6	2-Methylnaphthalene	0.193	ug/L				36	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	95-48-7	2-Methylphenol	0.0391	ug/L	UJ			930	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	88-74-4	2-Nitroaniline	0.0299	ug/L	U			190	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	88-75-5	2-Nitrophenol	0.0428	ug/L	UJ			5800	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	91-94-1	3,3'-Dichlorobenzidine	0.187	ug/L	U			0.17	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	99-09-2	3-Nitroaniline	0.0564	ug/L	U			190	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.31	ug/L	UJ			1.5	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0219	ug/L	U				
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	59-50-7	4-Chloro-3-methylphenol	0.0244	ug/L	UJ			1400	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	106-47-8	4-Chloroaniline	0.0722	ug/L	U			0.37	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.0322	ug/L	U				
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	106-44-5	4-Methylphenol	0.0441	ug/L	UJ			370	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	100-01-6	4-Nitroaniline	0.0388	ug/L	U			3.8	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	100-02-7	4-Nitrophenol	0.118	ug/L	UJ			5800	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	83-32-9	Acenaphthene	0.0104	ug/L	J			510	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	208-96-8	Acenaphthylene	0.00361	ug/L	J			20	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	62-53-3	Aniline	0.3	ug/L	U			13	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	120-12-7	Anthracene	0.0019	ug/L	U			1800	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	92-87-5	Benzidine	0.999	ug/L	UJ			17	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	56-55-3	Benzo(a)anthracene	0.00519	ug/L	U			2300	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	50-32-8	Benzo(a)pyrene	0.0033	ug/L	U			0.025	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	191-24-2	Benzo(g,h,i)perylene	0.00509	ug/L	U			120	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	56832-73-6	Benzofluoranthenes, Total	0.0119	ug/L	U				
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	65-85-0	Benzoic acid	0.134	ug/L	UJ			75000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	100-51-6	Benzyl alcohol	0.0425	ug/L	UJ			2000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0181	ug/L	U			59	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0324	ug/L	U			140	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.408	ug/L	J			5.6	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0429	ug/L	U			710	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	85-68-7	Butyl benzylphthalate	0.173	ug/L	J			16	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	86-74-8	Carbazole	0.0217	ug/L	U			7.9	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	218-01-9	Chrysene	0.00839	ug/L	U			25	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	53-70-3	Dibenzo(a,h)anthracene	0.0031	ug/L	U			0.025	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	132-64-9	Dibenzofuran	0.0205	ug/L	U			7.9	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	84-66-2	Diethyl phthalate	0.0556	ug/L	U			15000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	131-11-3	Dimethyl phthalate	0.039	ug/L	U			15000	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	84-74-2	Di-n-butylphthalate	0.207	ug/L	J			900	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	117-84-0	Di-n-octylphthalate	0.0273	ug/L	U			200	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	206-44-0	Fluoranthene	0.00569	ug/L	U			800	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	86-73-7	Fluorene	0.0116	ug/L	J			280	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	118-74-1	Hexachlorobenzene	0.025	ug/L	U			1.3	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	87-68-3	Hexachlorobutadiene	0.0147	ug/L	U			3.3	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	77-47-4	Hexachlorocyclopentadiene	0.31	ug/L	U			48	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	67-72-1	Hexachloroethane	0.0381	ug/L	U			7	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0028	ug/L	UJ			0.25	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	78-59-1	Isophorone	0.0283	ug/L	U			78	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	91-20-3	Naphthalene	0.151	ug/L				20	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	98-95-3	Nitrobenzene	0.0519	ug/L	U			800	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	62-75-9	N-Nitrosodimethylamine	0.999	ug/L	UJ			25	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0369	ug/L	U			370	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	86-30-6	N-Nitrosodiphenylamine	0.00849	ug/L	U			12	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	87-86-5	Pentachlorophenol	0.2	ug/L	UJ			53	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	85-01-8	Phenanthrene	0.019	ug/L	J			1800	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	108-95-2	Phenol	0.0228	ug/L	J			5800	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	8270C	129-00-0	Pyrene	0.00317	ug/L	J			110	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	PSEP Butyltins	1002-53-5	Dibutyltin	0.000236	ug/L	U			6	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	PSEP Butyltins	78763-54-9	Monobutyltin	0.00671	ug/L	J			3.7	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000615	ug/L	U			3.7	
DP2	723610.785	7834043.419	11/17/2004	12 - 17	WG	N	041117SGA02GW	PSEP Butyltins	688-73-3	Tributyltin	0.000454	ug/L	U			3.7	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6010	7429-90-5	Aluminum	73.4	ug/L	J			20000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6010	7429-90-5	Aluminum, Dissolved	5.88	ug/L	J			20000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6010	7440-70-2	Calcium	24700	ug/L					
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6010	7440-70-2	Calcium, Dissolved	25200	ug/L					
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6010	7440-48-4	Cobalt	0.005	ug/L	U			6	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6010	7440-48-4	Cobalt, Dissolved	1.53	ug/L	J			6	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6010	7439-89-6	Iron	85	ug/L	J			14000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6010	7439-89-6	Iron, Dissolved	0.1	ug/L	U			14000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6010	7439-95-4	Magnesium	5840	ug/L					
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6010	7439-95-4	Magnesium, Dissolved	6000	ug/L					
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6010	7440-02-0	Nickel	0.01	ug/L	U			400	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6010	7440-02-0	Nickel, Dissolved	0.01	ug/L	U			400	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6010	7440-09-7	Potassium	911	ug/L	J				
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6010	7440-09-7	Potassium, Dissolved	729	ug/L	J				
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6010	7440-23-5	Sodium	6500	ug/L					
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6010	7440-23-5	Sodium, Dissolved	7140	ug/L					
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6010	7440-62-2	Vanadium	2.19	ug/L	J			86	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6010	7440-62-2	Vanadium, Dissolved	1.36	ug/L	J			86	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7440-36-0	Antimony	0.426	ug/L	J			7.8	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7440-36-0	Antimony, Dissolved	0.344	ug/L	J			7.8	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7440-38-2	Arsenic	1.45	ug/L				6300	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7440-38-2	Arsenic, Dissolved	1.12	ug/L				6300	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7440-39-3	Barium	3.76	ug/L				4000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7440-39-3	Barium, Dissolved	3.52	ug/L				4000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7440-41-7	Beryllium	0.0005	ug/L	U			270000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7440-41-7	Beryllium, Dissolved	0.0005	ug/L	U			270000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7440-43-9	Cadmium	0.0005	ug/L	U			130000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7440-43-9	Cadmium, Dissolved	0.0005	ug/L	U			130000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7440-47-3	Chromium	4.34	ug/L				30000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7440-47-3	Chromium, Dissolved	2.01	ug/L				30000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7440-50-8	Copper	1.4	ug/L				5400000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7440-50-8	Copper, Dissolved	0.825	ug/L	J			5400000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7439-92-1	Lead	0.0005	ug/L	U			15	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7439-92-1	Lead, Dissolved	0.026	ug/L	J			15	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7439-96-5	Manganese	2.11	ug/L	J			3200000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7439-96-5	Manganese, Dissolved	2.84	ug/L				3200000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7782-49-2	Selenium	1.14	ug/L				100	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7782-49-2	Selenium, Dissolved	0.532	ug/L				100	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7440-22-4	Silver	0.0001	ug/L	U			1100000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7440-22-4	Silver, Dissolved	0.026	ug/L	J			1100000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7440-28-0	Thallium	0.0005	ug/L	U			0.2	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7440-28-0	Thallium, Dissolved	0.0005	ug/L	U			0.2	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7440-66-6	Zinc	4.3	ug/L	J			6000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	6020	7440-66-6	Zinc, Dissolved	0.002	ug/L	U			6000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	7470	7439-97-6	Mercury	0.0002	ug/L	U			11	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8082	12674-11-2	Aroclor-1016	0.00946	ug/L	U			75	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8082	11104-28-2	Aroclor-1221	0.00946	ug/L	U			2.3	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8082	11141-16-5	Aroclor-1232	0.00946	ug/L	U			0.71	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8082	53469-21-9	Aroclor-1242	0.00946	ug/L	U			5.8	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8082	12672-29-6	Aroclor-1248	0.00946	ug/L	U			1.2	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8082	11097-69-1	Aroclor-1254	0.00946	ug/L	U			7.2	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8082	11096-82-5	Aroclor-1260	0.00946	ug/L	U			1.6	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	630-20-6	1,1,1,2-Tetrachloroethane	1	ug/L	U			36	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	71-55-6	1,1,1-Trichloroethane	0.0691	ug/L	J			53000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	79-34-5	1,1,2,2-Tetrachloroethane	1	ug/L	U			30	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	79-00-5	1,1,2-Trichloroethane	1	ug/L	U			44	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	75-34-3	1,1-Dichloroethane	1	ug/L	U			55	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	75-35-4	1,1-Dichloroethene	1	ug/L	U			1300	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	563-58-6	1,1-Dichloropropene	1	ug/L	U			40	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	87-61-6	1,2,3-Trichlorobenzene	1	ug/L	U			7	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	96-18-4	1,2,3-Trichloropropane	1	ug/L	U			200	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	95-63-6	1,2,4-Trimethylbenzene	1	ug/L	U			2400	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	1	ug/L	U			0.34	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	106-93-4	1,2-Dibromoethane (EDB)	1	ug/L	U			1.5	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	107-06-2	1,2-Dichloroethane	1	ug/L	U			18	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	78-87-5	1,2-Dichloropropane	1	ug/L	U			52	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	108-67-8	1,3,5-Trimethylbenzene	1	ug/L	U			1700	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	142-28-9	1,3-Dichloropropane	1	ug/L	U			370	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	594-20-7	2,2-Dichloropropane	0.128	ug/L	J			52	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	95-49-8	2-Chlorotoluene	1	ug/L	U			240	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	591-78-6	2-Hexanone	5	ug/L	U			72000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	106-43-4	4-Chlorotoluene	1	ug/L	U			250	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	67-64-1	Acetone	5	ug/L	U			18000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	71-43-2	Benzene	1	ug/L	U			12	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	108-86-1	Bromobenzene	1	ug/L	U			6300	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	74-97-5	Bromochloromethane	1	ug/L	U			450	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	75-27-4	Bromodichloromethane	1	ug/L	U			6.9	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	75-25-2	Bromoform	1	ug/L	U			1100	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	74-83-9	Bromomethane	1	ug/L	U			110	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	75-15-0	Carbon disulfide	1	ug/L	U			8200	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	56-23-5	Carbon tetrachloride	1	ug/L	U			3.1	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	108-90-7	Chlorobenzene	1	ug/L	U			3400	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	75-00-3	Chloroethane	1	ug/L	U			57000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	67-66-3	Chloroform	1	ug/L	U			5.9	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	74-87-3	Chloromethane	1	ug/L	U			1500	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	156-59-2	cis-1,2-Dichloroethene	0.849	ug/L	J			1800	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	10061-01-5	cis-1,3-Dichloropropene	1	ug/L	U			40	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	124-48-1	Dibromochloromethane	1	ug/L	U			610	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	74-95-3	Dibromomethane	1	ug/L	U			950	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	75-71-8	Dichlorodifluoromethane	1	ug/L	U			41	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	100-41-4	Ethylbenzene	1	ug/L	U			31	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	98-82-8	Isopropylbenzene	1	ug/L	U			9100	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	179601-23-1	m,p-Xylene	2	ug/L	U			3000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	78-93-3	MEK (2-Butanone)	5	ug/L	U			17000000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	75-09-2	Methylene chloride	1	ug/L	U			15000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	5	ug/L	U			4600000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	104-51-8	n-Butylbenzene	1	ug/L	U			1000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	103-65-1	n-Propylbenzene	1	ug/L	U			22000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	95-47-6	o-Xylene	1	ug/L	U			4300	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	99-87-6	p-Cymene	1	ug/L	U			9100	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	135-98-8	sec-Butylbenzene	1	ug/L	U			2000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	100-42-5	Styrene	1	ug/L	U			84000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	98-06-6	tert-Butylbenzene	1	ug/L	U			690	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	127-18-4	Tetrachloroethene	1.12	ug/L				130	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	108-88-3	Toluene	1	ug/L	U			150000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	156-60-5	trans-1,2-Dichloroethene	1	ug/L	U			457	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	10061-02-6	trans-1,3-Dichloropropene	1	ug/L	U			21	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	79-01-6	Trichloroethene	0.339	ug/L	J			7.4	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	75-69-4	Trichlorofluoromethane	1	ug/L	U			160000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	108-05-4	Vinyl acetate	5	ug/L	U			80000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8260B	75-01-4	Vinyl chloride	1	ug/L	U			3.3	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	120-82-1	1,2,4-Trichlorobenzene	0.211	ug/L	U			380	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	95-50-1	1,2-Dichlorobenzene	0.211	ug/L	U			25000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	541-73-1	1,3-Dichlorobenzene	0.211	ug/L	U			25	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	106-46-7	1,4-Dichlorobenzene	0.211	ug/L	U			25	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	95-95-4	2,4,5-Trichlorophenol	0.211	ug/L	UJ			1200	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	88-06-2	2,4,6-Trichlorophenol	0.211	ug/L	UJ			1700	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	120-83-2	2,4-Dichlorophenol	0.211	ug/L	UJ			46	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	105-67-9	2,4-Dimethylphenol	1.05	ug/L	UJ			360	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	51-28-5	2,4-Dinitrophenol	1.05	ug/L	UJ			39	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	121-14-2	2,4-Dinitrotoluene	0.211	ug/L	U			0.24	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	606-20-2	2,6-Dinitrotoluene	0.211	ug/L	U			830	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	91-58-7	2-Chloronaphthalene	0.0211	ug/L	U			750	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	95-57-8	2-Chlorophenol	0.211	ug/L	UJ			91	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	91-57-6	2-Methylnaphthalene	0.0181	ug/L	J			36	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	95-48-7	2-Methylphenol	0.211	ug/L	UJ			930	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	88-74-4	2-Nitroaniline	0.211	ug/L	U			190	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	88-75-5	2-Nitrophenol	0.211	ug/L	UJ			5800	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	1319-77-3	3 & 4-Methylphenol	0.421	ug/L	UJ			370	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	91-94-1	3,3'-Dichlorobenzidine	1.05	ug/L	U			0.17	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	99-09-2	3-Nitroaniline	0.211	ug/L	U			190	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	534-52-1	4,6-Dinitro-2-methylphenol	1.05	ug/L	UJ			1.5	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	101-55-3	4-Bromophenyl phenyl ether	0.211	ug/L	U				
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	59-50-7	4-Chloro-3-methylphenol	0.211	ug/L	UJ			1400	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	106-47-8	4-Chloroaniline	0.316	ug/L	U			0.37	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.211	ug/L	U				
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	100-01-6	4-Nitroaniline	0.211	ug/L	U			3.8	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	100-02-7	4-Nitrophenol	1.05	ug/L	UJ			5800	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	83-32-9	Acenaphthene	0.00547	ug/L	J			510	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	208-96-8	Acenaphthylene	0.0211	ug/L	U			20	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	62-53-3	Aniline	0.316	ug/L	U			13	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	120-12-7	Anthracene	0.0211	ug/L	U			1800	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	92-87-5	Benzidine	1.05	ug/L	UJ			17	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	56-55-3	Benzo(a)anthracene	0.0211	ug/L	U			2300	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	50-32-8	Benzo(a)pyrene	0.0211	ug/L	U			0.025	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	191-24-2	Benzo(g,h,i)perylene	0.0211	ug/L	U			120	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	56832-73-6	Benzofluoranthenes, Total	0.105	ug/L	U				
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	65-85-0	Benzoic acid	1.05	ug/L	UJ			75000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	100-51-6	Benzyl alcohol	0.211	ug/L	UJ			2000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.211	ug/L	U			59	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	111-44-4	Bis (2-chloroethyl) ether	0.211	ug/L	U			140	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	1.58	ug/L	U			5.6	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.211	ug/L	U			710	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	85-68-7	Butyl benzylphthalate	0.141	ug/L	J			16	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	86-74-8	Carbazole	0.211	ug/L	U			7.9	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	218-01-9	Chrysene	0.0211	ug/L	U			25	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	53-70-3	Dibenzo(a,h)anthracene	0.0211	ug/L	U			0.025	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	132-64-9	Dibenzofuran	0.211	ug/L	U			7.9	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	84-66-2	Diethyl phthalate	0.211	ug/L	U			15000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	131-11-3	Dimethyl phthalate	0.211	ug/L	U			15000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	84-74-2	Di-n-butylphthalate	0.191	ug/L	J			900	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	117-84-0	Di-n-octylphthalate	0.211	ug/L	U			200	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	206-44-0	Fluoranthene	0.0211	ug/L	U			800	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	86-73-7	Fluorene	0.00835	ug/L	J			280	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	118-74-1	Hexachlorobenzene	0.211	ug/L	U			1.3	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	87-68-3	Hexachlorobutadiene	0.211	ug/L	U			3.3	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	77-47-4	Hexachlorocyclopentadiene	1.05	ug/L	U			48	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	67-72-1	Hexachloroethane	0.211	ug/L	U			7	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0211	ug/L	UJ			0.25	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	78-59-1	Isophorone	0.211	ug/L	U			78	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	91-20-3	Naphthalene	0.0443	ug/L	J			20	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	98-95-3	Nitrobenzene	0.211	ug/L	U			800	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	62-75-9	N-Nitrosodimethylamine	1.05	ug/L	UJ			25	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.211	ug/L	U			370	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	86-30-6	N-Nitrosodiphenylamine	0.211	ug/L	U			12	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	87-86-5	Pentachlorophenol	0.211	ug/L	UJ			53	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	85-01-8	Phenanthrene	0.0153	ug/L	J			1800	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	108-95-2	Phenol	0.0202	ug/L	J			5800	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	8270C	129-00-0	Pyrene	0.00329	ug/L	J			110	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	PSEP Butyltins	1002-53-5	Dibutyltin	0.000793	ug/L	U			6	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	PSEP Butyltins	78763-54-9	Monobutyltin	0.000396	ug/L	U			3.7	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.00198	ug/L	U			3.7	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	FD	041117SGA04GW	PSEP Butyltins	688-73-3	Tributyltin	0.00285	ug/L	J			3.7	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	6010	7429-90-5	Aluminum	114	ug/L				20000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	6010	7440-70-2	Calcium	25500	ug/L					
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	6010	7440-48-4	Cobalt	0.77	ug/L	U			6	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	6010	7439-89-6	Iron	83.8	ug/L	J			14000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	6010	7439-95-4	Magnesium	6110	ug/L					
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	6010	7440-02-0	Nickel	0.37	ug/L	U			400	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	6010	7440-09-7	Potassium	921	ug/L	J				
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	6010	7440-23-5	Sodium	7130	ug/L					
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	6010	7440-62-2	Vanadium	2.66	ug/L	J			86	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	6020	7440-36-0	Antimony	0.525	ug/L				7.8	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	6020	7440-38-2	Arsenic	1.17	ug/L				6300	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	6020	7440-39-3	Barium	3.75	ug/L				4000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	6020	7440-41-7	Beryllium	0.0782	ug/L	U			270000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	6020	7440-43-9	Cadmium	0.0247	ug/L	U			130000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	6020	7440-47-3	Chromium	4.96	ug/L				30000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	6020	7440-50-8	Copper	1.36	ug/L				5400000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	6020	7439-92-1	Lead	0.024	ug/L	U			15	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	6020	7439-96-5	Manganese	2.08	ug/L	J			3200000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	6020	7782-49-2	Selenium	1.03	ug/L				100	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	6020	7440-22-4	Silver	0.027	ug/L	J			1100000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	6020	7440-28-0	Thallium	0.0292	ug/L	U			0.2	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	6020	7440-66-6	Zinc	3.43	ug/L	J			6000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	7470	7439-97-6	Mercury	0.053	ug/L	U			11	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8082	12674-11-2	Aroclor-1016	0.00226	ug/L	U			75	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8082	11104-28-2	Aroclor-1221	0.00226	ug/L	U			2.3	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8082	11141-16-5	Aroclor-1232	0.00226	ug/L	U			0.71	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8082	53469-21-9	Aroclor-1242	0.00226	ug/L	U			5.8	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8082	12672-29-6	Aroclor-1248	0.00226	ug/L	U			1.2	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8082	11097-69-1	Aroclor-1254	0.00249	ug/L	U			7.2	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8082	11096-82-5	Aroclor-1260	0.00249	ug/L	U			1.6	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0528	ug/L	U			36	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	71-55-6	1,1,1-Trichloroethane	0.0711	ug/L	J			53000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.068	ug/L	U			30	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	79-00-5	1,1,2-Trichloroethane	0.0627	ug/L	U			44	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	75-34-3	1,1-Dichloroethane	0.036	ug/L	U			55	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	75-35-4	1,1-Dichloroethene	0.0595	ug/L	U			1300	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	563-58-6	1,1-Dichloropropene	0.0695	ug/L	U			40	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	87-61-6	1,2,3-Trichlorobenzene	0.0605	ug/L	U			7	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	96-18-4	1,2,3-Trichloropropane	0.123	ug/L	U			200	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	95-63-6	1,2,4-Trimethylbenzene	0.0283	ug/L	U			2400	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.222	ug/L	U			0.34	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0637	ug/L	U			1.5	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	107-06-2	1,2-Dichloroethane	0.0533	ug/L	U			18	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	78-87-5	1,2-Dichloropropane	0.038	ug/L	U			52	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	108-67-8	1,3,5-Trimethylbenzene	0.0249	ug/L	U			1700	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	142-28-9	1,3-Dichloropropane	0.0738	ug/L	U			370	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	106-46-7	1,4-Dichlorobenzene	0.018	ug/L	U			25	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	594-20-7	2,2-Dichloropropane	0.106	ug/L	J			52	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	95-49-8	2-Chlorotoluene	0.0857	ug/L	U			240	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	591-78-6	2-Hexanone	0.993	ug/L	U			72000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	106-43-4	4-Chlorotoluene	0.0491	ug/L	U			250	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	67-64-1	Acetone	1.2	ug/L	U			18000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	71-43-2	Benzene	0.0417	ug/L	U			12	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	108-86-1	Bromobenzene	0.0475	ug/L	U			6300	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	74-97-5	Bromochloromethane	0.0573	ug/L	U			450	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	75-27-4	Bromodichloromethane	0.0785	ug/L	U			6.9	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	75-25-2	Bromoform	0.083	ug/L	U			1100	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	74-83-9	Bromomethane	1	ug/L	U			110	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	75-15-0	Carbon disulfide	0.0494	ug/L	U			8200	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	56-23-5	Carbon tetrachloride	0.097	ug/L	U			3.1	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	108-90-7	Chlorobenzene	0.0376	ug/L	U			3400	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	75-00-3	Chloroethane	0.187	ug/L	U			57000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	67-66-3	Chloroform	0.0717	ug/L	U			5.9	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	74-87-3	Chloromethane	0.11	ug/L	U			1500	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	156-59-2	cis-1,2-Dichloroethene	0.835	ug/L	J			1800	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0301	ug/L	U			40	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	124-48-1	Dibromochloromethane	0.0539	ug/L	U			610	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	74-95-3	Dibromomethane	0.0864	ug/L	U			950	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	75-71-8	Dichlorodifluoromethane	0.0575	ug/L	U			41	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	100-41-4	Ethylbenzene	1	ug/L	U			31	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	98-82-8	Isopropylbenzene	0.0165	ug/L	U			9100	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	179601-23-1	m,p-Xylene	0.0718	ug/L	U			3000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	78-93-3	MEK (2-Butanone)	1.71	ug/L	U			17000000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	75-09-2	Methylene chloride	0.0752	ug/L	U			15000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.309	ug/L	U			4600000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	104-51-8	n-Butylbenzene	0.0603	ug/L	U			1000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	103-65-1	n-Propylbenzene	0.0356	ug/L	U			22000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	95-47-6	o-Xylene	0.0265	ug/L	U			4300	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	99-87-6	p-Cymene	0.0397	ug/L	U			9100	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	135-98-8	sec-Butylbenzene	0.0358	ug/L	U			2000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	100-42-5	Styrene	0.0279	ug/L	U			84000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	98-06-6	tert-Butylbenzene	0.0535	ug/L	U			690	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	127-18-4	Tetrachloroethene	1.16	ug/L				130	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	108-88-3	Toluene	1	ug/L	U			150000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	156-60-5	trans-1,2-Dichloroethene	0.0584	ug/L	U			457	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0539	ug/L	U			21	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	79-01-6	Trichloroethene	0.345	ug/L	J			7.4	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	75-69-4	Trichlorofluoromethane	0.062	ug/L	U			160000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	108-05-4	Vinyl acetate	0.32	ug/L	U			80000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8260B	75-01-4	Vinyl chloride	0.0604	ug/L	U			3.3	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	120-82-1	1,2,4-Trichlorobenzene	0.0127	ug/L	U			380	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	95-50-1	1,2-Dichlorobenzene	0.0287	ug/L	U			25000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	541-73-1	1,3-Dichlorobenzene	0.0379	ug/L	U			25	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	95-95-4	2,4,5-Trichlorophenol	0.0457	ug/L	UJ			1200	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	88-06-2	2,4,6-Trichlorophenol	0.0331	ug/L	UJ			1700	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	120-83-2	2,4-Dichlorophenol	0.0192	ug/L	UJ			46	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	105-67-9	2,4-Dimethylphenol	0.189	ug/L	UJ			360	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	51-28-5	2,4-Dinitrophenol	0.214	ug/L	UJ			39	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	121-14-2	2,4-Dinitrotoluene	0.0592	ug/L	U			0.24	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	606-20-2	2,6-Dinitrotoluene	0.0392	ug/L	U			830	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	91-58-7	2-Chloronaphthalene	0.00495	ug/L	U			750	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	95-57-8	2-Chlorophenol	0.0434	ug/L	UJ			91	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	91-57-6	2-Methylnaphthalene	0.0208	ug/L	J			36	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	95-48-7	2-Methylphenol	0.0404	ug/L	UJ			930	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	88-74-4	2-Nitroaniline	0.0309	ug/L	U			190	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	88-75-5	2-Nitrophenol	0.0442	ug/L	UJ			5800	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	91-94-1	3,3'-Dichlorobenzidine	0.193	ug/L	U			0.17	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	99-09-2	3-Nitroaniline	0.0583	ug/L	U			190	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.32	ug/L	UJ			1.5	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0226	ug/L	U				
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	59-50-7	4-Chloro-3-methylphenol	0.0252	ug/L	UJ			1400	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	106-47-8	4-Chloroaniline	0.0746	ug/L	U			0.37	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.0332	ug/L	U				
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	106-44-5	4-Methylphenol	0.0455	ug/L	UJ			370	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	100-01-6	4-Nitroaniline	0.04	ug/L	U			3.8	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	100-02-7	4-Nitrophenol	0.122	ug/L	UJ			5800	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	83-32-9	Acenaphthene	0.00351	ug/L	U			510	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	208-96-8	Acenaphthylene	0.00248	ug/L	U			20	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	62-53-3	Aniline	0.31	ug/L	U			13	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	120-12-7	Anthracene	0.00196	ug/L	U			1800	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	92-87-5	Benzidine	1.03	ug/L	UJ			17	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	56-55-3	Benzo(a)anthracene	0.00537	ug/L	U			2300	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	50-32-8	Benzo(a)pyrene	0.00341	ug/L	U			0.025	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	191-24-2	Benzo(g,h,i)perylene	0.00526	ug/L	U			120	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	56832-73-6	Benzofluoranthenes, Total	0.0123	ug/L	U				
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	65-85-0	Benzoic acid	0.138	ug/L	UJ			75000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	100-51-6	Benzyl alcohol	0.0439	ug/L	UJ			2000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0187	ug/L	U			59	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0334	ug/L	U			140	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.393	ug/L	U			5.6	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0443	ug/L	U			710	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	85-68-7	Butyl benzylphthalate	0.168	ug/L	J			16	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	86-74-8	Carbazole	0.0224	ug/L	U			7.9	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	218-01-9	Chrysene	0.00867	ug/L	U			25	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	53-70-3	Dibenzo(a,h)anthracene	0.0032	ug/L	U			0.025	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	132-64-9	Dibenzofuran	0.0212	ug/L	U			7.9	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	84-66-2	Diethyl phthalate	0.0575	ug/L	U			15000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	131-11-3	Dimethyl phthalate	0.0402	ug/L	U			15000	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	84-74-2	Di-n-butylphthalate	0.162	ug/L	J			900	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	117-84-0	Di-n-octylphthalate	0.0282	ug/L	U			200	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	206-44-0	Fluoranthene	0.00588	ug/L	U			800	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	86-73-7	Fluorene	0.00472	ug/L	J			280	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	118-74-1	Hexachlorobenzene	0.0258	ug/L	U			1.3	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	87-68-3	Hexachlorobutadiene	0.0152	ug/L	U			3.3	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	77-47-4	Hexachlorocyclopentadiene	0.32	ug/L	U			48	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	67-72-1	Hexachloroethane	0.0393	ug/L	U			7	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.00289	ug/L	UJ			0.25	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	78-59-1	Isophorone	0.0292	ug/L	U			78	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	91-20-3	Naphthalene	0.0257	ug/L	J			20	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	98-95-3	Nitrobenzene	0.0537	ug/L	U			800	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	62-75-9	N-Nitrosodimethylamine	1.03	ug/L	UJ			25	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0381	ug/L	U			370	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	86-30-6	N-Nitrosodiphenylamine	0.00877	ug/L	U			12	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	87-86-5	Pentachlorophenol	0.206	ug/L	UJ			53	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	85-01-8	Phenanthrene	0.00691	ug/L	J			1800	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	108-95-2	Phenol	0.0181	ug/L	J			5800	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	8270C	129-00-0	Pyrene	0.00299	ug/L	U			110	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	PSEP Butyltins	1002-53-5	Dibutyltin	0.000234	ug/L	U			6	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	PSEP Butyltins	78763-54-9	Monobutyltin	0.000116	ug/L	U			3.7	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000608	ug/L	U			3.7	
DP3	723613.816	7833998.489	11/17/2004	11 - 16	WG	N	041117SGA03GW	PSEP Butyltins	688-73-3	Tributyltin	0.000449	ug/L	U			3.7	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	6010	7429-90-5	Aluminum	1080	ug/L				20000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	6010	7440-70-2	Calcium	18500	ug/L					
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	6010	7440-48-4	Cobalt	0.77	ug/L	U			6	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	6010	7439-89-6	Iron	1290	ug/L				14000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	6010	7439-95-4	Magnesium	5130	ug/L					
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	6010	7440-02-0	Nickel	1.16	ug/L	J			400	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	6010	7440-09-7	Potassium	1520	ug/L					
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	6010	7440-23-5	Sodium	6560	ug/L					
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	6010	7440-62-2	Vanadium	5.4	ug/L	J			86	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	6020	7440-36-0	Antimony	0.586	ug/L				7.8	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	6020	7440-38-2	Arsenic	1.19	ug/L				6300	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	6020	7440-39-3	Barium	11.7	ug/L				4000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	6020	7440-41-7	Beryllium	0.0782	ug/L	U			270000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	6020	7440-43-9	Cadmium	0.0247	ug/L	U			130000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	6020	7440-47-3	Chromium	8.08	ug/L				30000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	6020	7440-50-8	Copper	3.8	ug/L				5400000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	6020	7439-92-1	Lead	0.652	ug/L				15	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	6020	7439-96-5	Manganese	22.7	ug/L				3200000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	6020	7782-49-2	Selenium	0.895	ug/L				100	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	6020	7440-22-4	Silver	0.034	ug/L	J			1100000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	6020	7440-28-0	Thallium	0.0292	ug/L	U			0.2	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	6020	7440-66-6	Zinc	6.88	ug/L	J			6000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	7470	7439-97-6	Mercury	0.053	ug/L	U			11	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8082	12674-11-2	Aroclor-1016	0.00244	ug/L	U			75	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8082	11104-28-2	Aroclor-1221	0.00244	ug/L	U			2.3	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8082	11141-16-5	Aroclor-1232	0.00244	ug/L	U			0.71	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8082	53469-21-9	Aroclor-1242	0.00244	ug/L	U			5.8	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8082	12672-29-6	Aroclor-1248	0.00244	ug/L	U			1.2	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8082	11097-69-1	Aroclor-1254	0.00269	ug/L	U			7.2	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8082	11096-82-5	Aroclor-1260	0.00269	ug/L	U			1.6	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0528	ug/L	U			36	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	71-55-6	1,1,1-Trichloroethane	0.0477	ug/L	U			53000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.068	ug/L	U			30	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	79-00-5	1,1,2-Trichloroethane	0.0627	ug/L	U			44	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	75-34-3	1,1-Dichloroethane	0.036	ug/L	U			55	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	75-35-4	1,1-Dichloroethene	0.0595	ug/L	U			1300	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	563-58-6	1,1-Dichloropropene	0.0695	ug/L	U			40	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	87-61-6	1,2,3-Trichlorobenzene	0.0605	ug/L	U			7	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	96-18-4	1,2,3-Trichloropropane	0.123	ug/L	U			200	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	95-63-6	1,2,4-Trimethylbenzene	0.0283	ug/L	U			2400	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.222	ug/L	U			0.34	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0637	ug/L	U			1.5	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	107-06-2	1,2-Dichloroethane	0.0533	ug/L	U			18	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	78-87-5	1,2-Dichloropropane	0.038	ug/L	U			52	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	108-67-8	1,3,5-Trimethylbenzene	0.0249	ug/L	U			1700	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	142-28-9	1,3-Dichloropropane	0.0738	ug/L	U			370	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	106-46-7	1,4-Dichlorobenzene	0.018	ug/L	U			25	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	594-20-7	2,2-Dichloropropane	0.0487	ug/L	U			52	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	95-49-8	2-Chlorotoluene	0.0857	ug/L	U			240	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	591-78-6	2-Hexanone	0.993	ug/L	U			72000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	106-43-4	4-Chlorotoluene	0.0491	ug/L	U			250	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	67-64-1	Acetone	1.2	ug/L	U			18000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	71-43-2	Benzene	0.0417	ug/L	U			12	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	108-86-1	Bromobenzene	0.0475	ug/L	U			6300	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	74-97-5	Bromochloromethane	0.0573	ug/L	U			450	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	75-27-4	Bromodichloromethane	0.0785	ug/L	U			6.9	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	75-25-2	Bromoform	0.083	ug/L	U			1100	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	74-83-9	Bromomethane	1	ug/L	U			110	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	75-15-0	Carbon disulfide	0.0494	ug/L	U			8200	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	56-23-5	Carbon tetrachloride	0.097	ug/L	U			3.1	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	108-90-7	Chlorobenzene	0.0376	ug/L	U			3400	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	75-00-3	Chloroethane	0.187	ug/L	U			57000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	67-66-3	Chloroform	0.0717	ug/L	U			5.9	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	74-87-3	Chloromethane	0.11	ug/L	U			1500	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	156-59-2	cis-1,2-Dichloroethene	0.0948	ug/L	J			1800	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0301	ug/L	U			40	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	124-48-1	Dibromochloromethane	0.0539	ug/L	U			610	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	74-95-3	Dibromomethane	0.0864	ug/L	U			950	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	75-71-8	Dichlorodifluoromethane	0.0575	ug/L	U			41	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	100-41-4	Ethylbenzene	1	ug/L	U			31	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	98-82-8	Isopropylbenzene	0.0165	ug/L	U			9100	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	179601-23-1	m,p-Xylene	0.0718	ug/L	U			3000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	78-93-3	MEK (2-Butanone)	1.71	ug/L	U			17000000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	75-09-2	Methylene chloride	0.0752	ug/L	U			15000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.309	ug/L	U			4600000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	104-51-8	n-Butylbenzene	0.0603	ug/L	U			1000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	103-65-1	n-Propylbenzene	0.0356	ug/L	U			22000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	95-47-6	o-Xylene	0.0265	ug/L	U			4300	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	99-87-6	p-Cymene	0.0397	ug/L	U			9100	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	135-98-8	sec-Butylbenzene	0.0358	ug/L	U			2000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	100-42-5	Styrene	0.0279	ug/L	U			84000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	98-06-6	tert-Butylbenzene	0.0535	ug/L	U			690	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	127-18-4	Tetrachloroethene	0.336	ug/L	J			130	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	108-88-3	Toluene	1	ug/L	U			150000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	156-60-5	trans-1,2-Dichloroethene	0.0584	ug/L	U			457	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0539	ug/L	U			21	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	79-01-6	Trichloroethene	0.0904	ug/L	J			7.4	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	75-69-4	Trichlorofluoromethane	0.062	ug/L	U			160000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	108-05-4	Vinyl acetate	0.32	ug/L	U			80000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8260B	75-01-4	Vinyl chloride	0.0604	ug/L	U			3.3	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	120-82-1	1,2,4-Trichlorobenzene	0.012	ug/L	U			380	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	95-50-1	1,2-Dichlorobenzene	0.0272	ug/L	U			25000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	541-73-1	1,3-Dichlorobenzene	0.0359	ug/L	U			25	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	121-14-2	2,4-Dinitrotoluene	0.0562	ug/L	U			0.24	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	606-20-2	2,6-Dinitrotoluene	0.0372	ug/L	U			830	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	91-58-7	2-Chloronaphthalene	0.0047	ug/L	U			750	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	91-57-6	2-Methylnaphthalene	0.0369	ug/L	J			36	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	88-74-4	2-Nitroaniline	0.0293	ug/L	U			190	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	91-94-1	3,3'-Dichlorobenzidine	0.183	ug/L	U			0.17	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	99-09-2	3-Nitroaniline	0.0553	ug/L	U			190	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0214	ug/L	U				
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	106-47-8	4-Chloroaniline	0.0708	ug/L	U			0.37	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.0315	ug/L	U				
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	100-01-6	4-Nitroaniline	0.038	ug/L	U			3.8	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	83-32-9	Acenaphthene	0.00333	ug/L	U			510	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	208-96-8	Acenaphthylene	0.00235	ug/L	U			20	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	62-53-3	Aniline	0.314	ug/L	U			13	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	120-12-7	Anthracene	0.00186	ug/L	U			1800	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	92-87-5	Benzidine	0.979	ug/L	UJ			17	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	56-55-3	Benzo(a)anthracene	0.00509	ug/L	U			2300	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	50-32-8	Benzo(a)pyrene	0.00323	ug/L	U			0.025	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	191-24-2	Benzo(g,h,i)perylene	0.005	ug/L	U			120	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	56832-73-6	Benzofluoranthenes, Total	0.0117	ug/L	U				
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0177	ug/L	U			59	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0317	ug/L	U			140	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.373	ug/L	U			5.6	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.042	ug/L	U			710	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	85-68-7	Butyl benzylphthalate	0.135	ug/L	J			16	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	86-74-8	Carbazole	0.0213	ug/L	U			7.9	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	218-01-9	Chrysene	0.00823	ug/L	U			25	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	53-70-3	Dibenzo(a,h)anthracene	0.00304	ug/L	U			0.025	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	132-64-9	Dibenzofuran	0.0201	ug/L	U			7.9	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	84-66-2	Diethyl phthalate	0.0546	ug/L	U			15000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	131-11-3	Dimethyl phthalate	0.0382	ug/L	U			15000	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	84-74-2	Di-n-butylphthalate	0.148	ug/L	J			900	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	117-84-0	Di-n-octylphthalate	0.0267	ug/L	U			200	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	206-44-0	Fluoranthene	0.00558	ug/L	U			800	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	86-73-7	Fluorene	0.00714	ug/L	J			280	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	118-74-1	Hexachlorobenzene	0.0245	ug/L	U			1.3	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	87-68-3	Hexachlorobutadiene	0.0144	ug/L	U			3.3	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	77-47-4	Hexachlorocyclopentadiene	0.304	ug/L	U			48	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	67-72-1	Hexachloroethane	0.0373	ug/L	U			7	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.00274	ug/L	UJ			0.25	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	78-59-1	Isophorone	0.0277	ug/L	U			78	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	91-20-3	Naphthalene	0.186	ug/L				20	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	98-95-3	Nitrobenzene	0.0509	ug/L	U			800	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	62-75-9	N-Nitrosodimethylamine	0.979	ug/L	UJ			25	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0361	ug/L	UJ			370	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	86-30-6	N-Nitrosodiphenylamine	0.00833	ug/L	U			12	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	85-01-8	Phenanthrene	0.0157	ug/L	J			1800	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	108-95-2	Phenol	0.0111	ug/L	J			5800	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	8270C	129-00-0	Pyrene	0.00284	ug/L	U			110	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	PSEP Butyltins	1002-53-5	Dibutyltin	0.000248	ug/L	U			6	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	PSEP Butyltins	78763-54-9	Monobutyltin	0.0052	ug/L	J			3.7	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000645	ug/L	U			3.7	
DP4	723620.207	7833945.801	11/17/2004	13 - 18	WG	N	041117SGA05GW	PSEP Butyltins	688-73-3	Tributyltin	0.00435	ug/L	J			3.7	
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	6010	7429-90-5	Aluminum	10200	mg/kg		50	7392		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	6010	7440-70-2	Calcium	5700	mg/kg					
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	6010	7440-48-4	Cobalt	13.5	mg/kg		2.2	2.2		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	6010	7439-89-6	Iron	23700	mg/kg		5280	5280		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	6010	7439-95-4	Magnesium	5770	mg/kg					
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	6010	7440-02-0	Nickel	17.4	mg/kg		38	134		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	6010	7440-09-7	Potassium	544	mg/kg					
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	6010	7440-23-5	Sodium	11.9	mg/kg	U				
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	6010	7440-62-2	Vanadium	54.3	mg/kg		7.8	37		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	6020	7440-36-0	Antimony	0.256	mg/kg		0.27	3		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	6020	7440-38-2	Arsenic	7.28	mg/kg		0.43	0.43		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	6020	7440-39-3	Barium	77.7	mg/kg		330	1440		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	6020	7440-41-7	Beryllium	0.454	mg/kg		15	15		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	6020	7440-43-9	Cadmium	0.0125	mg/kg	U	0.36	0.68		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	6020	7440-47-3	Chromium	19	mg/kg	J	0.29	0.29		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	6020	7440-50-8	Copper	47.4	mg/kg		28	298		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	6020	7439-92-1	Lead	6.23	mg/kg		11	192		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	6020	7439-96-5	Manganese	423	mg/kg		173	173		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	6020	7782-49-2	Selenium	0.407	mg/kg		0.52	37		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	6020	7440-22-4	Silver	0.136	mg/kg	J	4.2	37		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	6020	7440-28-0	Thallium	0.13	mg/kg	J	0.05	0.075		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	6020	7440-66-6	Zinc	46.3	mg/kg		46	2208		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	7471	7439-97-6	Mercury	0.0362	mg/kg		0.013	1.1		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8081A	72-54-8	4,4'-DDD	0.000222	mg/kg	U	0.021	2.2		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8081A	72-55-9	4,4'-DDE	0.000218	mg/kg	U	0.021	1.8		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8081A	50-29-3	4,4'-DDT	0.000256	mg/kg	U	0.021	1.8		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8081A	309-00-2	Aldrin	0.000112	mg/kg	U	0.000085	0.031		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8081A	319-84-6	alpha-BHC	0.000109	mg/kg	U	0.0096	0.083		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8081A	5103-71-9	alpha-Chlordane	0.000118	mg/kg	U	0.27	1.7		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8081A	319-85-7	beta-BHC	0.000121	mg/kg	U	0.0096	0.086		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8081A	319-86-8	delta-BHC	0.000109	mg/kg	U	0.0096	0.083		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8081A	60-57-1	Dieldrin	0.000264	mg/kg	U	0.0049	0.033		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8081A	959-98-8	Endosulfan I	0.000122	mg/kg	U	0.64	45		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8081A	33213-65-9	Endosulfan II	0.000278	mg/kg	U	0.64	45		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8081A	1031-07-8	Endosulfan sulfate	0.00052	mg/kg	U	0.64	36		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8081A	72-20-8	Endrin	0.000136	mg/kg	U	0.0014	1.8		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8081A	7421-93-4	Endrin aldehyde	0.000631	mg/kg	U	0.0014	1.8		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8081A	53494-70-5	Endrin ketone	0.000122	mg/kg	U	0.0014	1.8		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8081A	58-89-9	gamma-BHC (Lindane)	0.000131	mg/kg	U	0.0096	0.49		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8081A	5103-74-2	gamma-Chlordane	0.000132	mg/kg	U	0.27	1.7		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8081A	76-44-8	Heptachlor	0.000109	mg/kg	U	0.0016	0.11		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8081A	1024-57-3	Heptachlor epoxide	0.000149	mg/kg	U	0.00015	0.055		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8081A	72-43-5	Methoxychlor	0.000157	mg/kg	U	5.1	31		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8081A	8001-35-2	Toxaphene	0.0109	mg/kg	U	0.47	0.47		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8082	12674-11-2	Aroclor-1016	0.00261	mg/kg	U	0.041	0.1		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8082	11104-28-2	Aroclor-1221	0.00261	mg/kg	U	0.041	0.19		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8082	11141-16-5	Aroclor-1232	0.00261	mg/kg	U	0.041	0.16		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8082	53469-21-9	Aroclor-1242	0.00261	mg/kg	U	0.041	0.22		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8082	12672-29-6	Aroclor-1248	0.00261	mg/kg	U	0.041	0.22		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8082	11097-69-1	Aroclor-1254	0.00143	mg/kg	U	0.029	0.029		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8082	11096-82-5	Aroclor-1260	0.00143	mg/kg	U	0.041	0.23		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0000907	mg/kg	U	0.07	1.9		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	71-55-6	1,1,1-Trichloroethane	0.000133	mg/kg	U	260	778		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000131	mg/kg	U	0.13	0.58		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	79-00-5	1,1,2-Trichloroethane	0.000184	mg/kg	U	0.14	0.14		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	75-34-3	1,1-Dichloroethane	0.000117	mg/kg	U	3.5	3.5		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	75-35-4	1,1-Dichloroethene	0.000904	mg/kg	U	11	22		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	563-58-6	1,1-Dichloropropene	0.00185	mg/kg	U	0.001	1.7		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.000221	mg/kg	U	6	6		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	96-18-4	1,2,3-Trichloropropane	0.000155	mg/kg	U	0.0049	0.0049		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.000225	mg/kg	U	0.27	5.6		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.0000978	mg/kg	U	0.09	29		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.000276	mg/kg	U	0.0051	0.0051		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.000118	mg/kg	U	0.035	0.035		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	95-50-1	1,2-Dichlorobenzene	0.000118	mg/kg	U	0.92	173		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	107-06-2	1,2-Dichloroethane	0.00018	mg/kg	U	0.44	0.44		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	78-87-5	1,2-Dichloropropane	0.0000876	mg/kg	U	0.28	1.5		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.0000883	mg/kg	U	0.16	26		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	541-73-1	1,3-Dichlorobenzene	0.00008	mg/kg	U	0.74	2.5		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	142-28-9	1,3-Dichloropropane	0.000124	mg/kg	U	0.28	154		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	106-46-7	1,4-Dichlorobenzene	0.000113	mg/kg	U	0.89	2.5		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	594-20-7	2,2-Dichloropropane	0.000156	mg/kg	U	0.28	1.5		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	95-49-8	2-Chlorotoluene	0.0001	mg/kg	U	154	154		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	591-78-6	2-Hexanone	0.00253	mg/kg	U	0.36	19		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	106-43-4	4-Chlorotoluene	0.000192	mg/kg	U	154	154		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	67-64-1	Acetone	0.0312	mg/kg	U	1.2	6720		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	71-43-2	Benzene	0.00232	mg/kg	U	1.2	1.2		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	108-86-1	Bromobenzene	0.000092	mg/kg	U	28	28		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	74-97-5	Bromochloromethane	0.000106	mg/kg	U	3.4	3.4		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	75-27-4	Bromodichloromethane	0.000143	mg/kg	U	0.28	0.28		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	75-25-2	Bromoform	0.000144	mg/kg	U	0.07	18		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	74-83-9	Bromomethane	0.000814	mg/kg	UJ	0.002	0.65		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	75-15-0	Carbon disulfide	0.00104	mg/kg	J	0.81	74		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	56-23-5	Carbon tetrachloride	0.000195	mg/kg	U	0.62	0.62		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	108-90-7	Chlorobenzene	0.000103	mg/kg	U	2.4	27		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	75-00-3	Chloroethane	0.00133	mg/kg	U	518	518		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	67-66-3	Chloroform	0.000123	mg/kg	U	0.31	0.31		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	74-87-3	Chloromethane	0.000811	mg/kg	U	11	11		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.000209	mg/kg	U	6	6		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0000846	mg/kg	U	0.001	1.7		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	124-48-1	Dibromochloromethane	0.00015	mg/kg	U	3.7	3.7		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	74-95-3	Dibromomethane	0.00015	mg/kg	U	2.304	2.3		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	75-71-8	Dichlorodifluoromethane	0.000162	mg/kg	J	8.4	8.4		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	100-41-4	Ethylbenzene	0.00232	mg/kg	U	0.27	5.6		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	87-68-3	Hexachlorobutadiene	0.000136	mg/kg	U	0.009	1.2		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	98-82-8	Isopropylbenzene	0.0000865	mg/kg	U	0.04	182		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	179601-23-1	m,p-Xylene	0.00464	mg/kg	U	1.4	53		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	78-93-3	MEK (2-Butanone)	0.00424	mg/kg	U	350	2592		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	75-09-2	Methylene chloride	0.00114	mg/kg	J	2.6	34		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00147	mg/kg	U	9.7	3168		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	91-20-3	Naphthalene	0.000955	mg/kg	U	1.9	1.9		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	104-51-8	n-Butylbenzene	0.000215	mg/kg	U	374	374		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	103-65-1	n-Propylbenzene	0.000109	mg/kg	U	365	365		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	95-47-6	o-Xylene	0.00232	mg/kg	U	1.4	61		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	99-87-6	p-Cymene	0.00013	mg/kg	U	0.18	182		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	135-98-8	sec-Butylbenzene	0.0000904	mg/kg	U	749	749		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	100-42-5	Styrene	0.00232	mg/kg	U	1.2	576		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	98-06-6	tert-Butylbenzene	0.0000559	mg/kg	U	749	749		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	127-18-4	Tetrachloroethene	0.000234	mg/kg	U	0.18	7.8		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	108-88-3	Toluene	0.00232	mg/kg	U	23	470		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.00058	mg/kg	U	6.7	6.7		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.000105	mg/kg	U	0.001	1.7		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	79-01-6	Trichloroethene	0.0000809	mg/kg	J	0.39	0.39		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	75-69-4	Trichlorofluoromethane	0.000811	mg/kg	U	52	2208		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	108-05-4	Vinyl acetate	0.00234	mg/kg	U	87	87		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8260B	75-01-4	Vinyl chloride	0.000431	mg/kg	U	0.057	0.057		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.000912	mg/kg	U	4	605		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.00093	mg/kg	U	6	6		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	120-83-2	2,4-Dichlorophenol	0.00104	mg/kg	U	0.05	18		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	105-67-9	2,4-Dimethylphenol	0.000899	mg/kg	UJ	0.04	125		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	51-28-5	2,4-Dinitrophenol	0.00822	mg/kg	U	0.061	12		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	121-14-2	2,4-Dinitrotoluene	0.002	mg/kg	U	1.6	1.6		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00126	mg/kg	U	0.3456	0.35		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	91-58-7	2-Chloronaphthalene	0.000793	mg/kg	U	461	461		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	95-57-8	2-Chlorophenol	0.000791	mg/kg	U	0.39	37		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	91-57-6	2-Methylnaphthalene	0.000611	mg/kg	U	23	23		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	95-48-7	2-Methylphenol	0.00111	mg/kg	U	0.67	307		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	88-74-4	2-Nitroaniline	0.000638	mg/kg	U	5.3	60		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	88-75-5	2-Nitrophenol	0.00134	mg/kg	U	5.1	1824		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.0051	mg/kg	U	0.03	1.2		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	99-09-2	3-Nitroaniline	0.00344	mg/kg	U	0.02	60		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00212	mg/kg	U	0.49	0.49		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00216	mg/kg	U				
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.00105	mg/kg	U	605	605		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	106-47-8	4-Chloroaniline	0.00109	mg/kg	U	1	2.6		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00253	mg/kg	U				
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	106-44-5	4-Methylphenol	0.00139	mg/kg	U	0.08	125		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	100-01-6	4-Nitroaniline	0.00482	mg/kg	UJ	0.02	24		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	100-02-7	4-Nitrophenol	0.00963	mg/kg	U	5.1	1824		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	83-32-9	Acenaphthene	0.000603	mg/kg	U	29	346		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	208-96-8	Acenaphthylene	0.000692	mg/kg	U	1.9	1.9		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	62-53-3	Aniline	0.00216	mg/kg	U	42	42		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	120-12-7	Anthracene	0.000447	mg/kg	U	29	1728		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	92-87-5	Benzidine	0.00331	mg/kg	U	0.00051	0.00051		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	56-55-3	Benzo(a)anthracene	0.00119	mg/kg	U	1.1	1.1		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	50-32-8	Benzo(a)pyrene	0.000744	mg/kg	U	0.11	0.11		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.000565	mg/kg	U	1.1	173		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.00106	mg/kg	U				
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	65-85-0	Benzoic acid	0.0188	mg/kg	U	1	24000		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	100-51-6	Benzyl alcohol	0.00234	mg/kg	U	120	605		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00226	mg/kg	U	18	18		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00185	mg/kg	U	0.22	0.22		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.0112	mg/kg	J	0.02	37		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.00939	mg/kg	U	298	298		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	85-68-7	Butyl benzylphthalate	0.00252	mg/kg	U	90	278		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	86-74-8	Carbazole	0.00234	mg/kg	U	7.5	7.5		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	218-01-9	Chrysene	0.00084	mg/kg	U	1.1	106		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.00073	mg/kg	U	0.1056	0.11		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	132-64-9	Dibenzofuran	0.000543	mg/kg	U	6.1	7.5		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	84-66-2	Diethyl phthalate	0.00424	mg/kg	U	100	4896		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	131-11-3	Dimethyl phthalate	0.0023	mg/kg	U	10	37		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	84-74-2	Di-n-butylphthalate	0.00214	mg/kg	U	0.011	605		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	117-84-0	Di-n-octylphthalate	0.00216	mg/kg	U	0.91	60		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	206-44-0	Fluoranthene	0.00119	mg/kg	U	1.1	230		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	86-73-7	Fluorene	0.000759	mg/kg	U	29	230		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	118-74-1	Hexachlorobenzene	0.000622	mg/kg	U	0.075	0.075		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.000932	mg/kg	U	0.001	0.17		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	67-72-1	Hexachloroethane	0.00199	mg/kg	U	0.024	1.7		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.000536	mg/kg	U	1.1	1.1		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	78-59-1	Isophorone	0.000592	mg/kg	U	547	547		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	98-95-3	Nitrobenzene	0.00354	mg/kg	U	2.2	4.9		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00358	mg/kg	U	0.0019	0.0019		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00158	mg/kg	U	0.075	0.075		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.000672	mg/kg	U	0.55	106		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	87-86-5	Pentachlorophenol	0.00228	mg/kg	UJ	0.96	1		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	85-01-8	Phenanthrene	0.000698	mg/kg	U	29	1728		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	108-95-2	Phenol	0.00085	mg/kg	U	0.79	1824		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	8270C	129-00-0	Pyrene	0.0004	mg/kg	U	1.1	173		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.00517235	mg/kg	U				
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.006195	mg/kg	U	1.1			
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.004239	mg/kg	U	29			
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	NWTPH-Dx	TPH-D	Diesel Range Organics	5.31	mg/kg	U	260	1100		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	NWTPH-Dx	MOIL	Residual Range Organics	10.6	mg/kg	U	260	2800		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.63	mg/kg	U	120	1200		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.00573	mg/kg		1.8	1.8		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.0111	mg/kg		2.2	2.2		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000846	mg/kg	U	2.2	2.2		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	PSEP Butyltins	688-73-3	Tributyltin	0.00104	mg/kg	U	2.2	2.2		
DP5	723513.437	7833978.808	11/16/2004	21 - 23	SO	N	041116SGA02SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.00286	mg/kg	U	0.0073	0.23		
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6010	7429-90-5	Aluminum	274	ug/L				20000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6010	7429-90-5	Aluminum, Dissolved	0.1	ug/L	U			20000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6010	7440-70-2	Calcium	33300	ug/L					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6010	7440-70-2	Calcium, Dissolved	31800	ug/L					
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6010	7440-48-4	Cobalt	3.77	ug/L	J			6	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6010	7440-48-4	Cobalt, Dissolved	6.2	ug/L				6	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6010	7439-89-6	Iron	551	ug/L				14000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6010	7439-89-6	Iron, Dissolved	119	ug/L				14000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6010	7439-95-4	Magnesium	10500	ug/L					
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6010	7439-95-4	Magnesium, Dissolved	10100	ug/L					
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6010	7440-02-0	Nickel	3.23	ug/L	J			400	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6010	7440-02-0	Nickel, Dissolved	2.51	ug/L	J			400	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6010	7440-09-7	Potassium	1590	ug/L					
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6010	7440-09-7	Potassium, Dissolved	1200	ug/L					
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6010	7440-23-5	Sodium	10800	ug/L					
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6010	7440-23-5	Sodium, Dissolved	12100	ug/L					
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6010	7440-62-2	Vanadium	2.36	ug/L	J			86	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6010	7440-62-2	Vanadium, Dissolved	0.01	ug/L	U			86	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7440-36-0	Antimony	0.0005	ug/L	U			7.8	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7440-36-0	Antimony, Dissolved	0.266	ug/L	J			7.8	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7440-38-2	Arsenic	0.114	ug/L	J			6300	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7440-38-2	Arsenic, Dissolved	0.7	ug/L				6300	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7440-39-3	Barium	25.4	ug/L				4000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7440-39-3	Barium, Dissolved	21.4	ug/L				4000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7440-41-7	Beryllium	0.0005	ug/L	U			270000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7440-41-7	Beryllium, Dissolved	0.0005	ug/L	U			270000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7440-43-9	Cadmium	0.0005	ug/L	U			130000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7440-43-9	Cadmium, Dissolved	0.0005	ug/L	U			130000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7440-47-3	Chromium	3.74	ug/L				30000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7440-47-3	Chromium, Dissolved	2.95	ug/L				30000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7440-50-8	Copper	2.56	ug/L				5400000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7440-50-8	Copper, Dissolved	1.04	ug/L	J			5400000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7439-92-1	Lead	0.0005	ug/L	U			15	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7439-92-1	Lead, Dissolved	0.036	ug/L	J			15	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7439-96-5	Manganese	730	ug/L				3200000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7439-96-5	Manganese, Dissolved	647	ug/L				3200000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7782-49-2	Selenium	1.74	ug/L				100	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7782-49-2	Selenium, Dissolved	1.35	ug/L				100	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7440-22-4	Silver	0.019	ug/L	J			1100000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7440-22-4	Silver, Dissolved	0.025	ug/L	J			1100000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7440-28-0	Thallium	0.084	ug/L	J			0.2	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7440-28-0	Thallium, Dissolved	0.086	ug/L	J			0.2	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7440-66-6	Zinc	5.04	ug/L	J			6000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	6020	7440-66-6	Zinc, Dissolved	2.04	ug/L	J			6000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	7470	7439-97-6	Mercury	0.0002	ug/L	U			11	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8081A	72-54-8	4,4'-DDD	0.00444	ug/L	U			3.2	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8081A	72-55-9	4,4'-DDE	0.00444	ug/L	U			310	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8081A	50-29-3	4,4'-DDT	0.00444	ug/L	U			0.23	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8081A	309-00-2	Aldrin	0.00111	ug/L	U			3.5	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8081A	319-84-6	alpha-BHC	0.00111	ug/L	U			18	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8081A	5103-71-9	alpha-Chlordane	0.00111	ug/L	U			0.45	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8081A	319-85-7	beta-BHC	0.00111	ug/L	U			0.025	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8081A	319-86-8	delta-BHC	0.00111	ug/L	U			0.0072	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8081A	60-57-1	Dieldrin	0.00222	ug/L	U			2.4	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8081A	959-98-8	Endosulfan I	0.00111	ug/L	U			98	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8081A	33213-65-9	Endosulfan II	0.00222	ug/L	U			98	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8081A	1031-07-8	Endosulfan sulfate	0.00222	ug/L	U			98	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8081A	72-20-8	Endrin	0.00222	ug/L	U			170	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8081A	7421-93-4	Endrin aldehyde	0.00222	ug/L	U			170	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8081A	53494-70-5	Endrin ketone	0.00222	ug/L	U			170	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8081A	58-89-9	gamma-BHC (Lindane)	0.000997	ug/L	J			100	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8081A	5103-74-2	gamma-Chlordane	0.00111	ug/L	U			0.45	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8081A	76-44-8	Heptachlor	0.00111	ug/L	U			1.8	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8081A	1024-57-3	Heptachlor epoxide	0.00111	ug/L	U			3.2	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8081A	72-43-5	Methoxychlor	0.000983	ug/L	J			37	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8081A	8001-35-2	Toxaphene	0.111	ug/L	U			18	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8082	12674-11-2	Aroclor-1016	0.0108	ug/L	U			75	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8082	11104-28-2	Aroclor-1221	0.0108	ug/L	U			2.3	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8082	11141-16-5	Aroclor-1232	0.0108	ug/L	U			0.71	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8082	53469-21-9	Aroclor-1242	0.0108	ug/L	U			5.8	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8082	12672-29-6	Aroclor-1248	0.0108	ug/L	U			1.2	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8082	11097-69-1	Aroclor-1254	0.0108	ug/L	U			7.2	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8082	11096-82-5	Aroclor-1260	0.0108	ug/L	U			1.6	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	630-20-6	1,1,1,2-Tetrachloroethane	1	ug/L	U			36	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	71-55-6	1,1,1-Trichloroethane	2.1	ug/L				53000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	79-34-5	1,1,2,2-Tetrachloroethane	1	ug/L	U			30	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	79-00-5	1,1,2-Trichloroethane	1	ug/L	U			44	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	75-34-3	1,1-Dichloroethane	2.45	ug/L				55	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	75-35-4	1,1-Dichloroethene	1.13	ug/L				1300	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	563-58-6	1,1-Dichloropropene	1	ug/L	U			40	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	87-61-6	1,2,3-Trichlorobenzene	1	ug/L	U			7	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	96-18-4	1,2,3-Trichloropropane	1	ug/L	U			200	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	95-63-6	1,2,4-Trimethylbenzene	1	ug/L	U			2400	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	1	ug/L	U			0.34	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	106-93-4	1,2-Dibromoethane (EDB)	1	ug/L	U			1.5	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	107-06-2	1,2-Dichloroethane	1	ug/L	U			18	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	78-87-5	1,2-Dichloropropane	1	ug/L	U			52	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	108-67-8	1,3,5-Trimethylbenzene	1	ug/L	U			1700	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	142-28-9	1,3-Dichloropropane	1	ug/L	U			370	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	594-20-7	2,2-Dichloropropane	1	ug/L	U			52	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	95-49-8	2-Chlorotoluene	1	ug/L	U			240	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	591-78-6	2-Hexanone	5	ug/L	U			72000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	106-43-4	4-Chlorotoluene	1	ug/L	U			250	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	67-64-1	Acetone	1.22	ug/L	J			18000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	71-43-2	Benzene	0.0618	ug/L	J			12	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	108-86-1	Bromobenzene	1	ug/L	U			6300	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	74-97-5	Bromochloromethane	1	ug/L	U			450	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	75-27-4	Bromodichloromethane	1	ug/L	U			6.9	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	75-25-2	Bromoform	1	ug/L	U			1100	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	74-83-9	Bromomethane	1	ug/L	U			110	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	75-15-0	Carbon disulfide	1	ug/L	U			8200	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	56-23-5	Carbon tetrachloride	1	ug/L	U			3.1	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	108-90-7	Chlorobenzene	1	ug/L	U			3400	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	75-00-3	Chloroethane	1	ug/L	U			57000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	67-66-3	Chloroform	0.0834	ug/L	J			5.9	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	74-87-3	Chloromethane	1	ug/L	U			1500	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	156-59-2	cis-1,2-Dichloroethene	347	ug/L				1800	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	10061-01-5	cis-1,3-Dichloropropene	1	ug/L	U			40	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	124-48-1	Dibromochloromethane	1	ug/L	U			610	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	74-95-3	Dibromomethane	1	ug/L	U			950	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	75-71-8	Dichlorodifluoromethane	1	ug/L	U			41	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	100-41-4	Ethylbenzene	0.0429	ug/L	J			31	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	98-82-8	Isopropylbenzene	1	ug/L	U			9100	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	179601-23-1	m,p-Xylene	0.0766	ug/L	J			3000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	78-93-3	MEK (2-Butanone)	5	ug/L	U			17000000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	75-09-2	Methylene chloride	1	ug/L	U			15000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	5	ug/L	U			4600000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	104-51-8	n-Butylbenzene	1	ug/L	U			1000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	103-65-1	n-Propylbenzene	1	ug/L	U			22000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	95-47-6	o-Xylene	0.0333	ug/L	J			4300	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	99-87-6	p-Cymene	1	ug/L	U			9100	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	135-98-8	sec-Butylbenzene	1	ug/L	U			2000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	100-42-5	Styrene	1	ug/L	U			84000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	98-06-6	tert-Butylbenzene	1	ug/L	U			690	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	127-18-4	Tetrachloroethene	3.62	ug/L				130	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	108-88-3	Toluene	0.297	ug/L	J			150000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	156-60-5	trans-1,2-Dichloroethene	1.54	ug/L				457	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	10061-02-6	trans-1,3-Dichloropropene	1	ug/L	U			21	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	79-01-6	Trichloroethene	1.98	ug/L				7.4	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	75-69-4	Trichlorofluoromethane	1	ug/L	U			160000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	108-05-4	Vinyl acetate	5	ug/L	U			80000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8260B	75-01-4	Vinyl chloride	0.611	ug/L	J			3.3	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	120-82-1	1,2,4-Trichlorobenzene	0.197	ug/L	U			380	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	95-50-1	1,2-Dichlorobenzene	0.197	ug/L	U			25000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	541-73-1	1,3-Dichlorobenzene	0.197	ug/L	U			25	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	106-46-7	1,4-Dichlorobenzene	0.197	ug/L	U			25	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	121-14-2	2,4-Dinitrotoluene	0.197	ug/L	U			0.24	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	606-20-2	2,6-Dinitrotoluene	0.197	ug/L	U			830	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	91-58-7	2-Chloronaphthalene	0.0197	ug/L	U			750	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	91-57-6	2-Methylnaphthalene	0.0492	ug/L	U			36	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	88-74-4	2-Nitroaniline	0.197	ug/L	U			190	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	91-94-1	3,3'-Dichlorobenzidine	0.983	ug/L	U			0.17	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	99-09-2	3-Nitroaniline	0.197	ug/L	U			190	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	101-55-3	4-Bromophenyl phenyl ether	0.197	ug/L	U				
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	106-47-8	4-Chloroaniline	0.295	ug/L	U			0.37	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.197	ug/L	U				
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	100-01-6	4-Nitroaniline	0.197	ug/L	U			3.8	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	83-32-9	Acenaphthene	0.0197	ug/L	U			510	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	208-96-8	Acenaphthylene	0.0197	ug/L	U			20	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	62-53-3	Aniline	0.295	ug/L	U			13	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	120-12-7	Anthracene	0.0197	ug/L	U			1800	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	92-87-5	Benzidine	0.983	ug/L	UJ			17	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	56-55-3	Benzo(a)anthracene	0.0197	ug/L	U			2300	

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	50-32-8	Benzo(a)pyrene	0.0197	ug/L	U			0.025	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	191-24-2	Benzo(g,h,i)perylene	0.0197	ug/L	U			120	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	56832-73-6	Benzofluoranthenes, Total	0.0983	ug/L	U				
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.197	ug/L	U			59	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	111-44-4	Bis (2-chloroethyl) ether	0.197	ug/L	U			140	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	1.47	ug/L	U			5.6	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.197	ug/L	U			710	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	85-68-7	Butyl benzylphthalate	0.131	ug/L	J			16	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	86-74-8	Carbazole	0.197	ug/L	U			7.9	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	218-01-9	Chrysene	0.0197	ug/L	U			25	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	53-70-3	Dibenzo(a,h)anthracene	0.0197	ug/L	U			0.025	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	132-64-9	Dibenzofuran	0.197	ug/L	U			7.9	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	84-66-2	Diethyl phthalate	0.197	ug/L	U			15000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	131-11-3	Dimethyl phthalate	0.197	ug/L	U			15000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	84-74-2	Di-n-butylphthalate	0.143	ug/L	J			900	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	117-84-0	Di-n-octylphthalate	0.197	ug/L	U			200	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	206-44-0	Fluoranthene	0.0197	ug/L	U			800	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	86-73-7	Fluorene	0.0197	ug/L	U			280	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	118-74-1	Hexachlorobenzene	0.197	ug/L	U			1.3	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	87-68-3	Hexachlorobutadiene	0.197	ug/L	U			3.3	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	77-47-4	Hexachlorocyclopentadiene	0.983	ug/L	U			48	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	67-72-1	Hexachloroethane	0.197	ug/L	U			7	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0197	ug/L	UJ			0.25	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	78-59-1	Isophorone	0.197	ug/L	U			78	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	91-20-3	Naphthalene	0.0225	ug/L	J			20	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	98-95-3	Nitrobenzene	0.197	ug/L	U			800	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	62-75-9	N-Nitrosodimethylamine	0.983	ug/L	UJ			25	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.197	ug/L	U			370	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	86-30-6	N-Nitrosodiphenylamine	0.197	ug/L	U			12	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	85-01-8	Phenanthrene	0.00427	ug/L	J			1800	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	8270C	129-00-0	Pyrene	0.0197	ug/L	U			110	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	NWTPH-Dx	TPH-D	Diesel Range Organics	0.294	ug/L	U			100	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	NWTPH-Dx	MOIL	Residual Range Organics	0.588	ug/L	U			300	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	FD	041118SGA08GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	0.1	ug/L	U			14000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	6010	7429-90-5	Aluminum	285	ug/L				20000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	6010	7440-70-2	Calcium	32400	ug/L					
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	6010	7440-48-4	Cobalt	3.73	ug/L	J			6	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	6010	7439-89-6	Iron	541	ug/L				14000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	6010	7439-95-4	Magnesium	10300	ug/L					
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	6010	7440-02-0	Nickel	3.31	ug/L	J			400	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	6010	7440-09-7	Potassium	1490	ug/L					
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	6010	7440-23-5	Sodium	11300	ug/L					
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	6010	7440-62-2	Vanadium	1.79	ug/L	J			86	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	6020	7440-36-0	Antimony	0.152	ug/L	J			7.8	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	6020	7440-38-2	Arsenic	0.7	ug/L				6300	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	6020	7440-39-3	Barium	24.3	ug/L				4000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	6020	7440-41-7	Beryllium	0.0782	ug/L	U			270000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	6020	7440-43-9	Cadmium	0.0247	ug/L	U			130000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	6020	7440-47-3	Chromium	5.74	ug/L				30000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	6020	7440-50-8	Copper	2.53	ug/L				5400000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	6020	7439-92-1	Lead	0.026	ug/L	J			15	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	6020	7439-96-5	Manganese	687	ug/L				3200000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	6020	7782-49-2	Selenium	1.65	ug/L				100	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	6020	7440-22-4	Silver	0.028	ug/L	J			1100000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	6020	7440-28-0	Thallium	0.087	ug/L	J			0.2	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	6020	7440-66-6	Zinc	5.33	ug/L	J			6000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	7470	7439-97-6	Mercury	0.055	ug/L	J			11	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8081A	72-54-8	4,4'-DDD	0.000453	ug/L	U			3.2	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8081A	72-55-9	4,4'-DDE	0.000375	ug/L	U			310	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8081A	50-29-3	4,4'-DDT	0.00048	ug/L	U			0.23	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8081A	309-00-2	Aldrin	0.00011	ug/L	U			3.5	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8081A	319-84-6	alpha-BHC	0.000354	ug/L	U			18	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8081A	5103-71-9	alpha-Chlordane	0.000339	ug/L	U			0.45	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8081A	319-85-7	beta-BHC	0.000411	ug/L	U			0.025	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8081A	319-86-8	delta-BHC	0.000226	ug/L	U			0.0072	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8081A	60-57-1	Dieldrin	0.00029	ug/L	U			2.4	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8081A	959-98-8	Endosulfan I	0.00048	ug/L	U			98	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8081A	33213-65-9	Endosulfan II	0.00192	ug/L	U			98	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8081A	1031-07-8	Endosulfan sulfate	0.000517	ug/L	U			98	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8081A	72-20-8	Endrin	0.000298	ug/L	U			170	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8081A	7421-93-4	Endrin aldehyde	0.000936	ug/L	U			170	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8081A	53494-70-5	Endrin ketone	0.000332	ug/L	U			170	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8081A	58-89-9	gamma-BHC (Lindane)	0.000863	ug/L	J			100	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8081A	5103-74-2	gamma-Chlordane	0.000461	ug/L	U			0.45	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8081A	76-44-8	Heptachlor	0.000724	ug/L	U			1.8	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8081A	1024-57-3	Heptachlor epoxide	0.00036	ug/L	U			3.2	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8081A	72-43-5	Methoxychlor	0.000516	ug/L	U			37	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8081A	8001-35-2	Toxaphene	0.0112	ug/L	U			18	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8082	12674-11-2	Aroclor-1016	0.00208	ug/L	U			75	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8082	11104-28-2	Aroclor-1221	0.00208	ug/L	U			2.3	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8082	11141-16-5	Aroclor-1232	0.00208	ug/L	U			0.71	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8082	53469-21-9	Aroclor-1242	0.00208	ug/L	U			5.8	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8082	12672-29-6	Aroclor-1248	0.00208	ug/L	U			1.2	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8082	11097-69-1	Aroclor-1254	0.00228	ug/L	U			7.2	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8082	11096-82-5	Aroclor-1260	0.00228	ug/L	U			1.6	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0528	ug/L	U			36	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	71-55-6	1,1,1-Trichloroethane	2.35	ug/L				53000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.068	ug/L	U			30	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	79-00-5	1,1,2-Trichloroethane	0.0627	ug/L	U			44	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	75-34-3	1,1-Dichloroethane	2.58	ug/L				55	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	75-35-4	1,1-Dichloroethene	1.2	ug/L				1300	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	563-58-6	1,1-Dichloropropene	0.0695	ug/L	U			40	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	87-61-6	1,2,3-Trichlorobenzene	0.0605	ug/L	U			7	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	96-18-4	1,2,3-Trichloropropane	0.123	ug/L	U			200	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	95-63-6	1,2,4-Trimethylbenzene	0.0283	ug/L	U			2400	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.222	ug/L	U			0.34	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0637	ug/L	U			1.5	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	107-06-2	1,2-Dichloroethane	0.0533	ug/L	U			18	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	78-87-5	1,2-Dichloropropane	0.038	ug/L	U			52	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	108-67-8	1,3,5-Trimethylbenzene	0.0249	ug/L	U			1700	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	142-28-9	1,3-Dichloropropane	0.0738	ug/L	U			370	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	106-46-7	1,4-Dichlorobenzene	0.018	ug/L	U			25	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	594-20-7	2,2-Dichloropropane	0.0487	ug/L	U			52	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	95-49-8	2-Chlorotoluene	0.0857	ug/L	U			240	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	591-78-6	2-Hexanone	0.993	ug/L	U			72000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	106-43-4	4-Chlorotoluene	0.0491	ug/L	U			250	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	67-64-1	Acetone	1.2	ug/L	U			18000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	71-43-2	Benzene	0.0624	ug/L	J			12	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	108-86-1	Bromobenzene	0.0475	ug/L	U			6300	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	74-97-5	Bromochloromethane	0.0573	ug/L	U			450	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	75-27-4	Bromodichloromethane	0.0785	ug/L	U			6.9	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	75-25-2	Bromoform	0.083	ug/L	U			1100	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	74-83-9	Bromomethane	1	ug/L	U			110	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	75-15-0	Carbon disulfide	1	ug/L	U			8200	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	56-23-5	Carbon tetrachloride	0.097	ug/L	U			3.1	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	108-90-7	Chlorobenzene	0.0376	ug/L	U			3400	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	75-00-3	Chloroethane	0.187	ug/L	U			57000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	67-66-3	Chloroform	0.0979	ug/L	J			5.9	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	74-87-3	Chloromethane	0.11	ug/L	U			1500	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	156-59-2	cis-1,2-Dichloroethene	335	ug/L				1800	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0301	ug/L	U			40	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	124-48-1	Dibromochloromethane	0.0539	ug/L	U			610	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	74-95-3	Dibromomethane	0.0864	ug/L	U			950	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	75-71-8	Dichlorodifluoromethane	0.0575	ug/L	U			41	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	100-41-4	Ethylbenzene	0.0377	ug/L	J			31	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	98-82-8	Isopropylbenzene	0.0165	ug/L	U			9100	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	179601-23-1	m,p-Xylene	0.088	ug/L	J			3000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	78-93-3	MEK (2-Butanone)	1.71	ug/L	U			17000000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	75-09-2	Methylene chloride	0.0752	ug/L	U			15000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.309	ug/L	U			4600000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	104-51-8	n-Butylbenzene	0.0603	ug/L	U			1000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	103-65-1	n-Propylbenzene	0.0356	ug/L	U			22000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	95-47-6	o-Xylene	0.0275	ug/L	J			4300	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	99-87-6	p-Cymene	0.0397	ug/L	U			9100	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	135-98-8	sec-Butylbenzene	0.0358	ug/L	U			2000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	100-42-5	Styrene	0.0279	ug/L	U			84000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	98-06-6	tert-Butylbenzene	0.0535	ug/L	U			690	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	127-18-4	Tetrachloroethene	3.77	ug/L				130	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	108-88-3	Toluene	0.3	ug/L	J			150000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	156-60-5	trans-1,2-Dichloroethene	2.06	ug/L				457	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0539	ug/L	U			21	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	79-01-6	Trichloroethene	2.26	ug/L				7.4	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	75-69-4	Trichlorofluoromethane	0.062	ug/L	U			160000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	108-05-4	Vinyl acetate	0.32	ug/L	U			80000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8260B	75-01-4	Vinyl chloride	0.0604	ug/L	U			3.3	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	120-82-1	1,2,4-Trichlorobenzene	0.0136	ug/L	U			380	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	95-50-1	1,2-Dichlorobenzene	0.0308	ug/L	U			25000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	541-73-1	1,3-Dichlorobenzene	0.0406	ug/L	U			25	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	121-14-2	2,4-Dinitrotoluene	0.0635	ug/L	U			0.24	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	606-20-2	2,6-Dinitrotoluene	0.042	ug/L	U			830	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	91-58-7	2-Chloronaphthalene	0.00531	ug/L	U			750	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	91-57-6	2-Methylnaphthalene	0.0258	ug/L	J			36	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	88-74-4	2-Nitroaniline	0.0331	ug/L	U			190	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	91-94-1	3,3'-Dichlorobenzidine	0.207	ug/L	U			0.17	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	99-09-2	3-Nitroaniline	0.0625	ug/L	U			190	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0242	ug/L	U				
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	106-47-8	4-Chloroaniline	0.08	ug/L	U			0.37	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.0356	ug/L	U				
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	100-01-6	4-Nitroaniline	0.0429	ug/L	U			3.8	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	83-32-9	Acenaphthene	0.00811	ug/L	J			510	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	208-96-8	Acenaphthylene	0.00265	ug/L	U			20	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	62-53-3	Aniline	0.332	ug/L	U			13	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	120-12-7	Anthracene	0.0021	ug/L	U			1800	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	92-87-5	Benzidine	1.11	ug/L	UJ			17	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	56-55-3	Benzo(a)anthracene	0.00575	ug/L	U			2300	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	50-32-8	Benzo(a)pyrene	0.00365	ug/L	U			0.025	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	191-24-2	Benzo(g,h,i)perylene	0.00564	ug/L	U			120	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	56832-73-6	Benzofluoranthenes, Total	0.0132	ug/L	U				
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	65-85-0	Benzoic acid	0.317	ug/L	J			75000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	100-51-6	Benzyl alcohol	0.0523	ug/L	J			2000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.02	ug/L	U			59	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0358	ug/L	U			140	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.421	ug/L	U			5.6	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0475	ug/L	U			710	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	85-68-7	Butyl benzylphthalate	0.151	ug/L	J			16	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	86-74-8	Carbazole	0.024	ug/L	U			7.9	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	218-01-9	Chrysene	0.00929	ug/L	U			25	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	53-70-3	Dibenzo(a,h)anthracene	0.00343	ug/L	U			0.025	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	132-64-9	Dibenzofuran	0.0227	ug/L	U			7.9	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	84-66-2	Diethyl phthalate	0.0616	ug/L	U			15000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	131-11-3	Dimethyl phthalate	0.0431	ug/L	U			15000	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	84-74-2	Di-n-butylphthalate	0.171	ug/L	J			900	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	117-84-0	Di-n-octylphthalate	0.0302	ug/L	U			200	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	206-44-0	Fluoranthene	0.00631	ug/L	U			800	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	86-73-7	Fluorene	0.0157	ug/L	J			280	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	118-74-1	Hexachlorobenzene	0.0277	ug/L	U			1.3	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	87-68-3	Hexachlorobutadiene	0.0163	ug/L	U			3.3	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	77-47-4	Hexachlorocyclopentadiene	0.343	ug/L	U			48	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	67-72-1	Hexachloroethane	0.0421	ug/L	U			7	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0031	ug/L	UJ			0.25	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	78-59-1	Isophorone	0.0313	ug/L	U			78	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	91-20-3	Naphthalene	0.0353	ug/L	J			20	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	98-95-3	Nitrobenzene	0.0575	ug/L	U			800	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	62-75-9	N-Nitrosodimethylamine	1.11	ug/L	UJ			25	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0408	ug/L	U			370	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	86-30-6	N-Nitrosodiphenylamine	0.0094	ug/L	U			12	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	85-01-8	Phenanthrene	0.0127	ug/L	J			1800	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	8270C	129-00-0	Pyrene	0.00321	ug/L	U			110	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	NWTPH-Dx	TPH-D	Diesel Range Organics	89.7	ug/L	U			100	
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	NWTPH-Dx	MOIL	Residual Range Organics	111	ug/L	U			300	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP5	723513.437	7833978.808	11/17/2004	18.5 - 28.5	WG	N	041118SGA07GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	6010	7429-90-5	Aluminum	12900	mg/kg		50	7392		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	6010	7440-70-2	Calcium	7420	mg/kg					
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	6010	7440-48-4	Cobalt	13.5	mg/kg		2.2	2.2		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	6010	7439-89-6	Iron	25300	mg/kg		5280	5280		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	6010	7439-95-4	Magnesium	8010	mg/kg					
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	6010	7440-02-0	Nickel	19.5	mg/kg		38	134		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	6010	7440-09-7	Potassium	773	mg/kg					
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	6010	7440-23-5	Sodium	96.9	mg/kg	J				
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	6010	7440-62-2	Vanadium	60.3	mg/kg		7.8	37		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	6020	7440-36-0	Antimony	0.228	mg/kg	J	0.27	3		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	6020	7440-38-2	Arsenic	6.75	mg/kg		0.43	0.43		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	6020	7440-39-3	Barium	97.3	mg/kg		330	1440		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	6020	7440-41-7	Beryllium	0.379	mg/kg		15	15		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	6020	7440-43-9	Cadmium	0.015	mg/kg	U	0.36	0.68		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	6020	7440-47-3	Chromium	19.9	mg/kg		0.29	0.29		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	6020	7440-50-8	Copper	51.6	mg/kg		28	298		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	6020	7439-92-1	Lead	5.35	mg/kg		11	192		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	6020	7439-96-5	Manganese	481	mg/kg		173	173		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	6020	7782-49-2	Selenium	0.322	mg/kg		0.52	37		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	6020	7440-22-4	Silver	0.149	mg/kg	J	4.2	37		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	6020	7440-28-0	Thallium	0.157	mg/kg	J	0.05	0.075		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	6020	7440-66-6	Zinc	54.1	mg/kg		46	2208		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	7471	7439-97-6	Mercury	0.0201	mg/kg	J	0.013	1.1		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8081A	72-54-8	4,4'-DDD	0.000241	mg/kg	U	0.021	2.2		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8081A	72-55-9	4,4'-DDE	0.000236	mg/kg	U	0.021	1.8		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8081A	50-29-3	4,4'-DDT	0.000278	mg/kg	U	0.021	1.8		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8081A	309-00-2	Aldrin	0.000122	mg/kg	U	0.000085	0.031		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8081A	319-84-6	alpha-BHC	0.000118	mg/kg	U	0.0096	0.083		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8081A	5103-71-9	alpha-Chlordane	0.000128	mg/kg	U	0.27	1.7		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8081A	319-85-7	beta-BHC	0.000131	mg/kg	U	0.0096	0.086		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8081A	319-86-8	delta-BHC	0.000118	mg/kg	U	0.0096	0.083		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8081A	60-57-1	Dieldrin	0.000287	mg/kg	U	0.0049	0.033		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8081A	959-98-8	Endosulfan I	0.000132	mg/kg	U	0.64	45		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8081A	33213-65-9	Endosulfan II	0.000302	mg/kg	U	0.64	45		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8081A	1031-07-8	Endosulfan sulfate	0.000565	mg/kg	U	0.64	36		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8081A	72-20-8	Endrin	0.000148	mg/kg	U	0.0014	1.8		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8081A	7421-93-4	Endrin aldehyde	0.000686	mg/kg	U	0.0014	1.8		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8081A	53494-70-5	Endrin ketone	0.000132	mg/kg	U	0.0014	1.8		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8081A	58-89-9	gamma-BHC (Lindane)	0.000142	mg/kg	U	0.0096	0.49		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8081A	5103-74-2	gamma-Chlordane	0.000143	mg/kg	U	0.27	1.7		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8081A	76-44-8	Heptachlor	0.000118	mg/kg	U	0.0016	0.11		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8081A	1024-57-3	Heptachlor epoxide	0.000162	mg/kg	U	0.00015	0.055		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8081A	72-43-5	Methoxychlor	0.00017	mg/kg	U	5.1	31		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8081A	8001-35-2	Toxaphene	0.0118	mg/kg	U	0.47	0.47		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8082	12674-11-2	Aroclor-1016	0.00285	mg/kg	U	0.041	0.1		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8082	11104-28-2	Aroclor-1221	0.00285	mg/kg	U	0.041	0.19		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8082	11141-16-5	Aroclor-1232	0.00285	mg/kg	U	0.041	0.16		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8082	53469-21-9	Aroclor-1242	0.00285	mg/kg	U	0.041	0.22		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8082	12672-29-6	Aroclor-1248	0.00285	mg/kg	U	0.041	0.22		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8082	11097-69-1	Aroclor-1254	0.00157	mg/kg	U	0.029	0.029		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8082	11096-82-5	Aroclor-1260	0.00157	mg/kg	U	0.041	0.23		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.000136	mg/kg	U	0.07	1.9		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	71-55-6	1,1,1-Trichloroethane	0.000199	mg/kg	U	260	778		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000195	mg/kg	U	0.13	0.58		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	79-00-5	1,1,2-Trichloroethane	0.000275	mg/kg	U	0.14	0.14		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	75-34-3	1,1-Dichloroethane	0.000175	mg/kg	U	3.5	3.5		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	75-35-4	1,1-Dichloroethene	0.00135	mg/kg	U	11	22		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	563-58-6	1,1-Dichloropropene	0.00277	mg/kg	U	0.001	1.7		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00033	mg/kg	U	6	6		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	96-18-4	1,2,3-Trichloropropane	0.000232	mg/kg	U	0.0049	0.0049		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.000337	mg/kg	U	0.27	5.6		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.000146	mg/kg	U	0.09	29		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.000413	mg/kg	U	0.0051	0.0051		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.000176	mg/kg	U	0.035	0.035		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	95-50-1	1,2-Dichlorobenzene	0.000176	mg/kg	U	0.92	173		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	107-06-2	1,2-Dichloroethane	0.000269	mg/kg	U	0.44	0.44		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	78-87-5	1,2-Dichloropropane	0.000131	mg/kg	U	0.28	1.5		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000132	mg/kg	U	0.16	26		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	541-73-1	1,3-Dichlorobenzene	0.00012	mg/kg	U	0.74	2.5		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	142-28-9	1,3-Dichloropropane	0.000186	mg/kg	U	0.28	154		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	106-46-7	1,4-Dichlorobenzene	0.000169	mg/kg	U	0.89	2.5		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	594-20-7	2,2-Dichloropropane	0.000234	mg/kg	U	0.28	1.5		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	95-49-8	2-Chlorotoluene	0.00015	mg/kg	U	154	154		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	591-78-6	2-Hexanone	0.00378	mg/kg	U	0.36	19		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	106-43-4	4-Chlorotoluene	0.000287	mg/kg	U	154	154		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	67-64-1	Acetone	0.00894	mg/kg	U	1.2	6720		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	71-43-2	Benzene	0.000631	mg/kg	J	1.2	1.2		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	108-86-1	Bromobenzene	0.000138	mg/kg	U	28	28		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	74-97-5	Bromochloromethane	0.000159	mg/kg	U	3.4	3.4		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	75-27-4	Bromodichloromethane	0.000214	mg/kg	U	0.28	0.28		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	75-25-2	Bromoform	0.000215	mg/kg	U	0.07	18		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	74-83-9	Bromomethane	0.00122	mg/kg	UJ	0.002	0.65		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	75-15-0	Carbon disulfide	0.000957	mg/kg	U	0.81	74		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	56-23-5	Carbon tetrachloride	0.000292	mg/kg	U	0.62	0.62		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	108-90-7	Chlorobenzene	0.000154	mg/kg	U	2.4	27		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	75-00-3	Chloroethane	0.00199	mg/kg	U	518	518		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	67-66-3	Chloroform	0.000184	mg/kg	U	0.31	0.31		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	74-87-3	Chloromethane	0.00121	mg/kg	U	11	11		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.00041	mg/kg	J	6	6		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000127	mg/kg	U	0.001	1.7		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	124-48-1	Dibromochloromethane	0.000224	mg/kg	U	3.7	3.7		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	74-95-3	Dibromomethane	0.000225	mg/kg	U	2.304	2.3		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	75-71-8	Dichlorodifluoromethane	0.000142	mg/kg	U	8.4	8.4		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	100-41-4	Ethylbenzene	0.00347	mg/kg	U	0.27	5.6		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	87-68-3	Hexachlorobutadiene	0.000203	mg/kg	U	0.009	1.2		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	98-82-8	Isopropylbenzene	0.000129	mg/kg	U	0.04	182		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	179601-23-1	m,p-Xylene	0.00693	mg/kg	U	1.4	53		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	78-93-3	MEK (2-Butanone)	0.00634	mg/kg	U	350	2592		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	75-09-2	Methylene chloride	0.000569	mg/kg	U	2.6	34		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.0022	mg/kg	U	9.7	3168		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	104-51-8	n-Butylbenzene	0.000321	mg/kg	U	374	374		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	103-65-1	n-Propylbenzene	0.000163	mg/kg	U	365	365		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	95-47-6	o-Xylene	0.000184	mg/kg	J	1.4	61		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	99-87-6	p-Cymene	0.000194	mg/kg	U	0.18	182		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	135-98-8	sec-Butylbenzene	0.000135	mg/kg	U	749	749		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	100-42-5	Styrene	0.0000832	mg/kg	U	1.2	576		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	98-06-6	tert-Butylbenzene	0.0000836	mg/kg	U	749	749		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	127-18-4	Tetrachloroethene	0.00035	mg/kg	U	0.18	7.8		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	108-88-3	Toluene	0.0052	mg/kg		23	470		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.000867	mg/kg	U	6.7	6.7		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.000157	mg/kg	U	0.001	1.7		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	79-01-6	Trichloroethene	0.000298	mg/kg	J	0.39	0.39		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	75-69-4	Trichlorofluoromethane	0.00121	mg/kg	U	52	2208		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	108-05-4	Vinyl acetate	0.0035	mg/kg	U	87	87		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8260B	75-01-4	Vinyl chloride	0.000645	mg/kg	U	0.057	0.057		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.000917	mg/kg	U	4	605		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.000934	mg/kg	U	6	6		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	120-83-2	2,4-Dichlorophenol	0.00105	mg/kg	U	0.05	18		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	105-67-9	2,4-Dimethylphenol	0.000904	mg/kg	UJ	0.04	125		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	51-28-5	2,4-Dinitrophenol	0.00826	mg/kg	U	0.061	12		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00201	mg/kg	U	1.6	1.6		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00126	mg/kg	U	0.3456	0.35		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	91-58-7	2-Chloronaphthalene	0.000797	mg/kg	U	461	461		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	95-57-8	2-Chlorophenol	0.000795	mg/kg	U	0.39	37		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	91-57-6	2-Methylnaphthalene	0.00798	mg/kg	J	23	23		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	95-48-7	2-Methylphenol	0.00112	mg/kg	U	0.67	307		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	88-74-4	2-Nitroaniline	0.000641	mg/kg	U	5.3	60		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	88-75-5	2-Nitrophenol	0.00135	mg/kg	U	5.1	1824		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00513	mg/kg	U	0.03	1.2		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	99-09-2	3-Nitroaniline	0.00346	mg/kg	U	0.02	60		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00213	mg/kg	U	0.49	0.49		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00217	mg/kg	U				
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.00105	mg/kg	U	605	605		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	106-47-8	4-Chloroaniline	0.0011	mg/kg	U	1	2.6		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00254	mg/kg	U				
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	106-44-5	4-Methylphenol	0.00139	mg/kg	U	0.08	125		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	100-01-6	4-Nitroaniline	0.00484	mg/kg	UJ	0.02	24		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	100-02-7	4-Nitrophenol	0.00967	mg/kg	U	5.1	1824		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	83-32-9	Acenaphthene	0.000606	mg/kg	U	29	346		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	208-96-8	Acenaphthylene	0.000696	mg/kg	U	1.9	1.9		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	62-53-3	Aniline	0.00217	mg/kg	U	42	42		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	120-12-7	Anthracene	0.000449	mg/kg	U	29	1728		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	92-87-5	Benzidine	0.00333	mg/kg	U	0.00051	0.00051		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	56-55-3	Benzo(a)anthracene	0.00119	mg/kg	U	1.1	1.1		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	50-32-8	Benzo(a)pyrene	0.000748	mg/kg	U	0.11	0.11		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.000568	mg/kg	U	1.1	173		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.00107	mg/kg	U				
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	65-85-0	Benzoic acid	0.0189	mg/kg	U	1	24000		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	100-51-6	Benzyl alcohol	0.00235	mg/kg	U	120	605		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00227	mg/kg	U	18	18		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00185	mg/kg	U	0.22	0.22		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.0109	mg/kg	J	0.02	37		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.00944	mg/kg	U	298	298		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	85-68-7	Butyl benzylphthalate	0.00253	mg/kg	U	90	278		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	86-74-8	Carbazole	0.00235	mg/kg	U	7.5	7.5		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	218-01-9	Chrysene	0.000845	mg/kg	U	1.1	106		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.000734	mg/kg	U	0.1056	0.11		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	132-64-9	Dibenzofuran	0.000546	mg/kg	U	6.1	7.5		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	84-66-2	Diethyl phthalate	0.00426	mg/kg	U	100	4896		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	131-11-3	Dimethyl phthalate	0.00232	mg/kg	U	10	37		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	84-74-2	Di-n-butylphthalate	0.0118	mg/kg	U	0.011	605		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	117-84-0	Di-n-octylphthalate	0.00706	mg/kg	J	0.91	60		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	206-44-0	Fluoranthene	0.00119	mg/kg	U	1.1	230		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	86-73-7	Fluorene	0.000763	mg/kg	U	29	230		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	118-74-1	Hexachlorobenzene	0.000625	mg/kg	U	0.075	0.075		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.000937	mg/kg	U	0.001	0.17		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	67-72-1	Hexachloroethane	0.002	mg/kg	U	0.024	1.7		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.000539	mg/kg	U	1.1	1.1		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	78-59-1	Isophorone	0.000595	mg/kg	U	547	547		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	91-20-3	Naphthalene	0.00424	mg/kg		1.9	1.9		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	98-95-3	Nitrobenzene	0.00356	mg/kg	U	2.2	4.9		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	62-75-9	N-Nitrosodimethylamine	0.0036	mg/kg	U	0.0019	0.0019		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00158	mg/kg	U	0.075	0.075		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.000676	mg/kg	U	0.55	106		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	87-86-5	Pentachlorophenol	0.00229	mg/kg	UJ	0.96	1		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	85-01-8	Phenanthrene	0.000702	mg/kg	U	29	1728		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	108-95-2	Phenol	0.000854	mg/kg	U	0.79	1824		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	8270C	129-00-0	Pyrene	0.00371	mg/kg		1.1	173		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.00519436	mg/kg	U				
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.009524	mg/kg		1.1			
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.007456	mg/kg		29			
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	NWTPH-Dx	TPH-D	Diesel Range Organics	5.44	mg/kg	U	260	1100		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	NWTPH-Dx	MOIL	Residual Range Organics	10.9	mg/kg	U	260	2800		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.83	mg/kg	U	120	1200		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.00775	mg/kg	J	1.8	1.8		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.00628	mg/kg	J	2.2	2.2		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000913	mg/kg	U	2.2	2.2		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	PSEP Butyltins	688-73-3	Tributyltin	0.00112	mg/kg	U	2.2	2.2		
DP6	723499.558	7833983.905	11/17/2004	15 - 17	SO	N	041117SGA04SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.00314	mg/kg	U	0.0073	0.23		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	6010	7429-90-5	Aluminum	10600	mg/kg		50	7392		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	6010	7440-70-2	Calcium	6810	mg/kg					
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	6010	7440-48-4	Cobalt	10	mg/kg	J	2.2	2.2		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	6010	7439-89-6	Iron	20600	mg/kg		5280	5280		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	6010	7439-95-4	Magnesium	6990	mg/kg					
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	6010	7440-02-0	Nickel	16.3	mg/kg		38	134		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	6010	7440-09-7	Potassium	642	mg/kg					
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	6010	7440-23-5	Sodium	141	mg/kg					
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	6010	7440-62-2	Vanadium	42.4	mg/kg	J	7.8	37		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	6020	7440-36-0	Antimony	0.228	mg/kg	J	0.27	3		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	6020	7440-38-2	Arsenic	5.45	mg/kg	J	0.43	0.43		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	6020	7440-39-3	Barium	89.4	mg/kg		330	1440		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	6020	7440-41-7	Beryllium	0.349	mg/kg		15	15		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	6020	7440-43-9	Cadmium	0.272	mg/kg	U	0.36	0.68		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	6020	7440-47-3	Chromium	14.5	mg/kg	J	0.29	0.29		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	6020	7440-50-8	Copper	46.5	mg/kg		28	298		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	6020	7439-92-1	Lead	5.12	mg/kg		11	192		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	6020	7439-96-5	Manganese	343	mg/kg		173	173		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	6020	7782-49-2	Selenium	0.247	mg/kg	J	0.52	37		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	6020	7440-22-4	Silver	0.111	mg/kg	J	4.2	37		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	6020	7440-28-0	Thallium	0.132	mg/kg	J	0.05	0.075		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	6020	7440-66-6	Zinc	45.4	mg/kg		46	2208		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	7471	7439-97-6	Mercury	0.0289	mg/kg		0.013	1.1		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8081A	72-54-8	4,4'-DDD	0.00218	mg/kg	U	0.021	2.2		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8081A	72-55-9	4,4'-DDE	0.00218	mg/kg	U	0.021	1.8		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8081A	50-29-3	4,4'-DDT	0.00218	mg/kg	U	0.021	1.8		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8081A	309-00-2	Aldrin	0.00109	mg/kg	U	0.000085	0.031		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8081A	319-84-6	alpha-BHC	0.00109	mg/kg	U	0.0096	0.083		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8081A	5103-71-9	alpha-Chlordane	0.00109	mg/kg	U	0.27	1.7		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8081A	319-85-7	beta-BHC	0.00109	mg/kg	U	0.0096	0.086		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8081A	319-86-8	delta-BHC	0.00109	mg/kg	U	0.0096	0.083		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8081A	60-57-1	Dieldrin	0.00218	mg/kg	U	0.0049	0.033		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8081A	959-98-8	Endosulfan I	0.00109	mg/kg	U	0.64	45		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8081A	33213-65-9	Endosulfan II	0.00218	mg/kg	U	0.64	45		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8081A	1031-07-8	Endosulfan sulfate	0.00218	mg/kg	U	0.64	36		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8081A	72-20-8	Endrin	0.00218	mg/kg	U	0.0014	1.8		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8081A	7421-93-4	Endrin aldehyde	0.00218	mg/kg	U	0.0014	1.8		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8081A	53494-70-5	Endrin ketone	0.00218	mg/kg	U	0.0014	1.8		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8081A	58-89-9	gamma-BHC (Lindane)	0.00109	mg/kg	U	0.0096	0.49		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8081A	5103-74-2	gamma-Chlordane	0.00109	mg/kg	U	0.27	1.7		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8081A	76-44-8	Heptachlor	0.00109	mg/kg	U	0.0016	0.11		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8081A	1024-57-3	Heptachlor epoxide	0.00109	mg/kg	U	0.00015	0.055		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8081A	72-43-5	Methoxychlor	0.0109	mg/kg	U	5.1	31		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8081A	8001-35-2	Toxaphene	0.109	mg/kg	U	0.47	0.47		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8082	12674-11-2	Aroclor-1016	0.00971	mg/kg	U	0.041	0.1		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8082	11104-28-2	Aroclor-1221	0.00971	mg/kg	U	0.041	0.19		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8082	11141-16-5	Aroclor-1232	0.00971	mg/kg	U	0.041	0.16		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8082	53469-21-9	Aroclor-1242	0.00971	mg/kg	U	0.041	0.22		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8082	12672-29-6	Aroclor-1248	0.00971	mg/kg	U	0.041	0.22		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8082	11097-69-1	Aroclor-1254	0.00971	mg/kg	U	0.029	0.029		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8082	11096-82-5	Aroclor-1260	0.00971	mg/kg	U	0.041	0.23		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00333	mg/kg	U	0.07	1.9		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	71-55-6	1,1,1-Trichloroethane	0.00333	mg/kg	U	260	778		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.00333	mg/kg	U	0.13	0.58		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	79-00-5	1,1,2-Trichloroethane	0.00333	mg/kg	U	0.14	0.14		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	75-34-3	1,1-Dichloroethane	0.00333	mg/kg	U	3.5	3.5		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	75-35-4	1,1-Dichloroethene	0.00333	mg/kg	U	11	22		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	563-58-6	1,1-Dichloropropene	0.00333	mg/kg	U	0.001	1.7		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00333	mg/kg	U	6	6		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	96-18-4	1,2,3-Trichloropropane	0.00333	mg/kg	U	0.0049	0.0049		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00333	mg/kg	U	0.27	5.6		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00333	mg/kg	U	0.09	29		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.00333	mg/kg	U	0.0051	0.0051		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00333	mg/kg	U	0.035	0.035		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	95-50-1	1,2-Dichlorobenzene	0.00333	mg/kg	U	0.92	173		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	107-06-2	1,2-Dichloroethane	0.00333	mg/kg	U	0.44	0.44		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	78-87-5	1,2-Dichloropropane	0.00333	mg/kg	U	0.28	1.5		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.00333	mg/kg	U	0.16	26		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	541-73-1	1,3-Dichlorobenzene	0.00333	mg/kg	U	0.74	2.5		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	142-28-9	1,3-Dichloropropane	0.00333	mg/kg	U	0.28	154		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	106-46-7	1,4-Dichlorobenzene	0.00333	mg/kg	U	0.89	2.5		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	594-20-7	2,2-Dichloropropane	0.00333	mg/kg	U	0.28	1.5		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	95-49-8	2-Chlorotoluene	0.00333	mg/kg	U	154	154		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	591-78-6	2-Hexanone	0.0166	mg/kg	U	0.36	19		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	106-43-4	4-Chlorotoluene	0.00333	mg/kg	U	154	154		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	67-64-1	Acetone	0.0445	mg/kg	U	1.2	6720		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	71-43-2	Benzene	0.00333	mg/kg	U	1.2	1.2		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	108-86-1	Bromobenzene	0.00333	mg/kg	U	28	28		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	74-97-5	Bromochloromethane	0.00333	mg/kg	U	3.4	3.4		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	75-27-4	Bromodichloromethane	0.00333	mg/kg	U	0.28	0.28		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	75-25-2	Bromoform	0.00333	mg/kg	U	0.07	18		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	74-83-9	Bromomethane	0.00333	mg/kg	UJ	0.002	0.65		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	75-15-0	Carbon disulfide	0.00333	mg/kg	U	0.81	74		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	56-23-5	Carbon tetrachloride	0.000528	mg/kg	J	0.62	0.62		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	108-90-7	Chlorobenzene	0.00333	mg/kg	U	2.4	27		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	75-00-3	Chloroethane	0.00333	mg/kg	U	518	518		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	67-66-3	Chloroform	0.00333	mg/kg	U	0.31	0.31		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	74-87-3	Chloromethane	0.00333	mg/kg	U	11	11		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.00333	mg/kg	U	6	6		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.00333	mg/kg	U	0.001	1.7		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	124-48-1	Dibromochloromethane	0.00333	mg/kg	U	3.7	3.7		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	74-95-3	Dibromomethane	0.00333	mg/kg	U	2.304	2.3		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	75-71-8	Dichlorodifluoromethane	0.00027	mg/kg	J	8.4	8.4		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	100-41-4	Ethylbenzene	0.00333	mg/kg	U	0.27	5.6		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	87-68-3	Hexachlorobutadiene	0.00333	mg/kg	U	0.009	1.2		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	98-82-8	Isopropylbenzene	0.00333	mg/kg	U	0.04	182		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	78-93-3	MEK (2-Butanone)	0.0166	mg/kg	U	350	2592		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	75-09-2	Methylene chloride	0.00333	mg/kg	U	2.6	34		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.0166	mg/kg	U	9.7	3168		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	104-51-8	n-Butylbenzene	0.00333	mg/kg	U	374	374		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	103-65-1	n-Propylbenzene	0.00333	mg/kg	U	365	365		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	95-47-6	o-Xylene	0.00333	mg/kg	U	1.4	61		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	99-87-6	p-Cymene	0.00333	mg/kg	U	0.18	182		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	135-98-8	sec-Butylbenzene	0.00333	mg/kg	U	749	749		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	100-42-5	Styrene	0.00333	mg/kg	U	1.2	576		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	98-06-6	tert-Butylbenzene	0.00333	mg/kg	U	749	749		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	127-18-4	Tetrachloroethene	0.00333	mg/kg	U	0.18	7.8		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	108-88-3	Toluene	0.00333	mg/kg	U	23	470		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.00333	mg/kg	U	6.7	6.7		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.00333	mg/kg	U	0.001	1.7		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	79-01-6	Trichloroethene	0.00011	mg/kg	J	0.39	0.39		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	75-69-4	Trichlorofluoromethane	0.00333	mg/kg	U	52	2208		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	108-05-4	Vinyl acetate	0.0166	mg/kg	U	87	87		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8260B	75-01-4	Vinyl chloride	0.00333	mg/kg	U	0.057	0.057		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.00578	mg/kg	U	4	605		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.00578	mg/kg	U	6	6		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	120-83-2	2,4-Dichlorophenol	0.00578	mg/kg	U	0.05	18		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	105-67-9	2,4-Dimethylphenol	0.00231	mg/kg	UJ	0.04	125		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	51-28-5	2,4-Dinitrophenol	0.0578	mg/kg	U	0.061	12		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	121-14-2	2,4-Dinitrotoluene	0.0116	mg/kg	U	1.6	1.6		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00578	mg/kg	U	0.3456	0.35		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	91-58-7	2-Chloronaphthalene	0.00231	mg/kg	U	461	461		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	95-57-8	2-Chlorophenol	0.00578	mg/kg	U	0.39	37		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	91-57-6	2-Methylnaphthalene	0.00231	mg/kg	U	23	23		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	95-48-7	2-Methylphenol	0.00578	mg/kg	U	0.67	307		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	88-74-4	2-Nitroaniline	0.00231	mg/kg	U	5.3	60		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	88-75-5	2-Nitrophenol	0.00578	mg/kg	U	5.1	1824		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.0231	mg/kg	U	0.03	1.2		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	99-09-2	3-Nitroaniline	0.0116	mg/kg	U	0.02	60		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.0116	mg/kg	U	0.49	0.49		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0116	mg/kg	U				
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.00578	mg/kg	U	605	605		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	106-47-8	4-Chloroaniline	0.0116	mg/kg	U	1	2.6		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.0116	mg/kg	U				
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	100-01-6	4-Nitroaniline	0.0231	mg/kg	UJ	0.02	24		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	100-02-7	4-Nitrophenol	0.0578	mg/kg	U	5.1	1824		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	83-32-9	Acenaphthene	0.00231	mg/kg	U	29	346		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	208-96-8	Acenaphthylene	0.00231	mg/kg	U	1.9	1.9		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	62-53-3	Aniline	0.0116	mg/kg	U	42	42		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	120-12-7	Anthracene	0.00231	mg/kg	U	29	1728		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	92-87-5	Benzidine	0.0116	mg/kg	U	0.00051	0.00051		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	56-55-3	Benzo(a)anthracene	0.00231	mg/kg	U	1.1	1.1		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	50-32-8	Benzo(a)pyrene	0.00231	mg/kg	U	0.11	0.11		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.00231	mg/kg	U	1.1	173		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.00462	mg/kg	U				
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	65-85-0	Benzoic acid	0.0694	mg/kg	U	1	24000		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	100-51-6	Benzyl alcohol	0.00578	mg/kg	U	120	605		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0116	mg/kg	U	18	18		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0116	mg/kg	U	0.22	0.22		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.0831	mg/kg		0.02	37		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0289	mg/kg	U	298	298		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	85-68-7	Butyl benzylphthalate	0.0231	mg/kg	U	90	278		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	86-74-8	Carbazole	0.0116	mg/kg	U	7.5	7.5		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	218-01-9	Chrysene	0.00231	mg/kg	U	1.1	106		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.00231	mg/kg	U	0.1056	0.11		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	132-64-9	Dibenzofuran	0.00578	mg/kg	U	6.1	7.5		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	84-66-2	Diethyl phthalate	0.0116	mg/kg	U	100	4896		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	131-11-3	Dimethyl phthalate	0.0116	mg/kg	U	10	37		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	84-74-2	Di-n-butylphthalate	0.0116	mg/kg	U	0.011	605		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	117-84-0	Di-n-octylphthalate	0.0231	mg/kg	U	0.91	60		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	206-44-0	Fluoranthene	0.00231	mg/kg	U	1.1	230		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	86-73-7	Fluorene	0.00231	mg/kg	U	29	230		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	118-74-1	Hexachlorobenzene	0.00231	mg/kg	U	0.075	0.075		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.00578	mg/kg	U	0.001	0.17		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	67-72-1	Hexachloroethane	0.00578	mg/kg	U	0.024	1.7		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.00231	mg/kg	U	1.1	1.1		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	78-59-1	Isophorone	0.0116	mg/kg	U	547	547		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	179601-23-1	m,p-Xylene	0.00578	mg/kg	U	1.4	53		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	91-20-3	Naphthalene	0.00231	mg/kg	U	1.9	1.9		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	98-95-3	Nitrobenzene	0.0116	mg/kg	U	2.2	4.9		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	62-75-9	N-Nitrosodimethylamine	0.0116	mg/kg	U	0.0019	0.0019		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00578	mg/kg	U	0.075	0.075		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.00231	mg/kg	U	0.55	106		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	87-86-5	Pentachlorophenol	0.0116	mg/kg	UJ	0.96	1		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	85-01-8	Phenanthrene	0.00231	mg/kg	U	29	1728		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	108-95-2	Phenol	0.00578	mg/kg	U	0.79	1824		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	8270C	129-00-0	Pyrene	0.00231	mg/kg	U	1.1	173		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	NWTPH-Dx	TPH-D	Diesel Range Organics	28.7	mg/kg	U	260	1100		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	NWTPH-Dx	MOIL	Residual Range Organics	57.5	mg/kg	U	260	2800		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	0.864	mg/kg	U	120	1200		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.00732	mg/kg	J	1.8	1.8		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.00548	mg/kg	J	2.2	2.2		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.00234	mg/kg	U	2.2	2.2		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	FD	041117SGA06SS	PSEP Butyltins	688-73-3	Tributyltin	0.00312	mg/kg	U	2.2	2.2		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	6010	7429-90-5	Aluminum	12500	mg/kg		50	7392		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	6010	7440-70-2	Calcium	7500	mg/kg					
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	6010	7440-48-4	Cobalt	21	mg/kg	J	2.2	2.2		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	6010	7439-89-6	Iron	27000	mg/kg		5280	5280		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	6010	7439-95-4	Magnesium	7270	mg/kg					
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	6010	7440-02-0	Nickel	27.1	mg/kg		38	134		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	6010	7440-09-7	Potassium	626	mg/kg					
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	6010	7440-23-5	Sodium	14.2	mg/kg	U				
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	6010	7440-62-2	Vanadium	73.3	mg/kg	J	7.8	37		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	6020	7440-36-0	Antimony	0.638	mg/kg		0.27	3		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	6020	7440-38-2	Arsenic	14.2	mg/kg	J	0.43	0.43		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	6020	7440-39-3	Barium	93.6	mg/kg		330	1440		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	6020	7440-41-7	Beryllium	0.411	mg/kg		15	15		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	6020	7440-43-9	Cadmium	0.0149	mg/kg	U	0.36	0.68		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	6020	7440-47-3	Chromium	28.1	mg/kg	J	0.29	0.29		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	6020	7440-50-8	Copper	57.3	mg/kg		28	298		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	6020	7439-92-1	Lead	8.15	mg/kg		11	192		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	6020	7439-96-5	Manganese	535	mg/kg		173	173		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	6020	7782-49-2	Selenium	0.956	mg/kg		0.52	37		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	6020	7440-22-4	Silver	0.204	mg/kg	J	4.2	37		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	6020	7440-28-0	Thallium	0.227	mg/kg	J	0.05	0.075		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	6020	7440-66-6	Zinc	61.2	mg/kg		46	2208		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	7471	7439-97-6	Mercury	0.0798	mg/kg		0.013	1.1		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8081A	72-54-8	4,4'-DDD	0.000242	mg/kg	U	0.021	2.2		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8081A	72-55-9	4,4'-DDE	0.000237	mg/kg	U	0.021	1.8		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8081A	50-29-3	4,4'-DDT	0.000279	mg/kg	U	0.021	1.8		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8081A	309-00-2	Aldrin	0.000122	mg/kg	U	0.000085	0.031		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8081A	319-84-6	alpha-BHC	0.000119	mg/kg	U	0.0096	0.083		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8081A	5103-71-9	alpha-Chlordane	0.000128	mg/kg	U	0.27	1.7		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8081A	319-85-7	beta-BHC	0.000132	mg/kg	U	0.0096	0.086		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8081A	319-86-8	delta-BHC	0.000119	mg/kg	U	0.0096	0.083		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8081A	60-57-1	Dieldrin	0.000288	mg/kg	U	0.0049	0.033		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8081A	959-98-8	Endosulfan I	0.000133	mg/kg	U	0.64	45		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8081A	33213-65-9	Endosulfan II	0.000303	mg/kg	U	0.64	45		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8081A	1031-07-8	Endosulfan sulfate	0.000567	mg/kg	U	0.64	36		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8081A	72-20-8	Endrin	0.000148	mg/kg	U	0.0014	1.8		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8081A	7421-93-4	Endrin aldehyde	0.000688	mg/kg	U	0.0014	1.8		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8081A	53494-70-5	Endrin ketone	0.000133	mg/kg	U	0.0014	1.8		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8081A	58-89-9	gamma-BHC (Lindane)	0.000142	mg/kg	U	0.0096	0.49		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8081A	5103-74-2	gamma-Chlordane	0.000144	mg/kg	U	0.27	1.7		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8081A	76-44-8	Heptachlor	0.000119	mg/kg	U	0.0016	0.11		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8081A	1024-57-3	Heptachlor epoxide	0.000163	mg/kg	U	0.00015	0.055		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8081A	72-43-5	Methoxychlor	0.000171	mg/kg	U	5.1	31		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8081A	8001-35-2	Toxaphene	0.0119	mg/kg	U	0.47	0.47		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8082	12674-11-2	Aroclor-1016	0.00276	mg/kg	U	0.041	0.1		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8082	11104-28-2	Aroclor-1221	0.00276	mg/kg	U	0.041	0.19		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8082	11141-16-5	Aroclor-1232	0.00276	mg/kg	U	0.041	0.16		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8082	53469-21-9	Aroclor-1242	0.00276	mg/kg	U	0.041	0.22		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8082	12672-29-6	Aroclor-1248	0.00276	mg/kg	U	0.041	0.22		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8082	11097-69-1	Aroclor-1254	0.00151	mg/kg	U	0.029	0.029		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8082	11096-82-5	Aroclor-1260	0.00151	mg/kg	U	0.041	0.23		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.000139	mg/kg	U	0.07	1.9		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	71-55-6	1,1,1-Trichloroethane	0.000203	mg/kg	U	260	778		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.0002	mg/kg	U	0.13	0.58		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	79-00-5	1,1,2-Trichloroethane	0.000281	mg/kg	U	0.14	0.14		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	75-34-3	1,1-Dichloroethane	0.000179	mg/kg	U	3.5	3.5		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	75-35-4	1,1-Dichloroethene	0.00138	mg/kg	U	11	22		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	563-58-6	1,1-Dichloropropene	0.00283	mg/kg	U	0.001	1.7		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.000337	mg/kg	U	6	6		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	96-18-4	1,2,3-Trichloropropane	0.000237	mg/kg	U	0.0049	0.0049		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.000344	mg/kg	U	0.27	5.6		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00015	mg/kg	U	0.09	29		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.000422	mg/kg	U	0.0051	0.0051		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00018	mg/kg	U	0.035	0.035		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	95-50-1	1,2-Dichlorobenzene	0.00018	mg/kg	U	0.92	173		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	107-06-2	1,2-Dichloroethane	0.000275	mg/kg	U	0.44	0.44		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	78-87-5	1,2-Dichloropropane	0.000134	mg/kg	U	0.28	1.5		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000135	mg/kg	U	0.16	26		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	541-73-1	1,3-Dichlorobenzene	0.000122	mg/kg	U	0.74	2.5		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	142-28-9	1,3-Dichloropropane	0.00019	mg/kg	U	0.28	154		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	106-46-7	1,4-Dichlorobenzene	0.000173	mg/kg	U	0.89	2.5		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	594-20-7	2,2-Dichloropropane	0.000239	mg/kg	U	0.28	1.5		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	95-49-8	2-Chlorotoluene	0.000153	mg/kg	U	154	154		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	591-78-6	2-Hexanone	0.00386	mg/kg	U	0.36	19		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	106-43-4	4-Chlorotoluene	0.000293	mg/kg	U	154	154		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	67-64-1	Acetone	0.0281	mg/kg	U	1.2	6720		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	71-43-2	Benzene	0.00354	mg/kg	U	1.2	1.2		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	108-86-1	Bromobenzene	0.000141	mg/kg	U	28	28		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	74-97-5	Bromochloromethane	0.000162	mg/kg	U	3.4	3.4		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	75-27-4	Bromodichloromethane	0.000219	mg/kg	U	0.28	0.28		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	75-25-2	Bromoform	0.000219	mg/kg	U	0.07	18		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	74-83-9	Bromomethane	0.00124	mg/kg	UJ	0.002	0.65		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	75-15-0	Carbon disulfide	0.000978	mg/kg	U	0.81	74		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	56-23-5	Carbon tetrachloride	0.000298	mg/kg	U	0.62	0.62		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	108-90-7	Chlorobenzene	0.000157	mg/kg	U	2.4	27		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	75-00-3	Chloroethane	0.00203	mg/kg	U	518	518		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	67-66-3	Chloroform	0.000189	mg/kg	U	0.31	0.31		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	74-87-3	Chloromethane	0.00124	mg/kg	U	11	11		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.000319	mg/kg	U	6	6		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000129	mg/kg	U	0.001	1.7		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	124-48-1	Dibromochloromethane	0.000229	mg/kg	U	3.7	3.7		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	74-95-3	Dibromomethane	0.00023	mg/kg	U	2.304	2.3		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	75-71-8	Dichlorodifluoromethane	0.000664	mg/kg	J	8.4	8.4		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	100-41-4	Ethylbenzene	0.00354	mg/kg	U	0.27	5.6		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	87-68-3	Hexachlorobutadiene	0.000208	mg/kg	U	0.009	1.2		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	98-82-8	Isopropylbenzene	0.000132	mg/kg	U	0.04	182		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	179601-23-1	m,p-Xylene	0.00709	mg/kg	U	1.4	53		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	78-93-3	MEK (2-Butanone)	0.00649	mg/kg	U	350	2592		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	75-09-2	Methylene chloride	0.0138	mg/kg		2.6	34		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00225	mg/kg	U	9.7	3168		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	104-51-8	n-Butylbenzene	0.000328	mg/kg	U	374	374		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	103-65-1	n-Propylbenzene	0.000166	mg/kg	U	365	365		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	95-47-6	o-Xylene	0.00354	mg/kg	U	1.4	61		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	99-87-6	p-Cymene	0.000198	mg/kg	U	0.18	182		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	135-98-8	sec-Butylbenzene	0.000138	mg/kg	U	749	749		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	100-42-5	Styrene	0.0000851	mg/kg	U	1.2	576		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	98-06-6	tert-Butylbenzene	0.0000854	mg/kg	U	749	749		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	127-18-4	Tetrachloroethene	0.000358	mg/kg	U	0.18	7.8		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	108-88-3	Toluene	0.00354	mg/kg	U	23	470		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.000886	mg/kg	U	6.7	6.7		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.000161	mg/kg	U	0.001	1.7		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	79-01-6	Trichloroethene	0.000189	mg/kg	J	0.39	0.39		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	75-69-4	Trichlorofluoromethane	0.00124	mg/kg	U	52	2208		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	108-05-4	Vinyl acetate	0.00358	mg/kg	U	87	87		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8260B	75-01-4	Vinyl chloride	0.000659	mg/kg	U	0.057	0.057		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.000966	mg/kg	U	4	605		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.000984	mg/kg	U	6	6		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	120-83-2	2,4-Dichlorophenol	0.0011	mg/kg	U	0.05	18		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	105-67-9	2,4-Dimethylphenol	0.000952	mg/kg	UJ	0.04	125		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	51-28-5	2,4-Dinitrophenol	0.0087	mg/kg	U	0.061	12		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00212	mg/kg	U	1.6	1.6		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00133	mg/kg	U	0.3456	0.35		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	91-58-7	2-Chloronaphthalene	0.00084	mg/kg	U	461	461		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	95-57-8	2-Chlorophenol	0.000837	mg/kg	U	0.39	37		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	91-57-6	2-Methylnaphthalene	0.000647	mg/kg	U	23	23		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	95-48-7	2-Methylphenol	0.00117	mg/kg	U	0.67	307		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	88-74-4	2-Nitroaniline	0.000676	mg/kg	U	5.3	60		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	88-75-5	2-Nitrophenol	0.00142	mg/kg	U	5.1	1824		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.0054	mg/kg	U	0.03	1.2		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	99-09-2	3-Nitroaniline	0.00365	mg/kg	U	0.02	60		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00224	mg/kg	U	0.49	0.49		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00229	mg/kg	U				
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.00111	mg/kg	U	605	605		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	106-47-8	4-Chloroaniline	0.00116	mg/kg	U	1	2.6		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00268	mg/kg	U				
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	106-44-5	4-Methylphenol	0.00147	mg/kg	U	0.08	125		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	100-01-6	4-Nitroaniline	0.0051	mg/kg	UJ	0.02	24		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	100-02-7	4-Nitrophenol	0.0102	mg/kg	U	5.1	1824		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	83-32-9	Acenaphthene	0.000638	mg/kg	U	29	346		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	208-96-8	Acenaphthylene	0.000733	mg/kg	U	1.9	1.9		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	62-53-3	Aniline	0.00229	mg/kg	U	42	42		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	120-12-7	Anthracene	0.000473	mg/kg	U	29	1728		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	92-87-5	Benzidine	0.00351	mg/kg	U	0.00051	0.00051		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	56-55-3	Benzo(a)anthracene	0.00126	mg/kg	U	1.1	1.1		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	50-32-8	Benzo(a)pyrene	0.00132	mg/kg	J	0.11	0.11		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.000599	mg/kg	U	1.1	173		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.00272	mg/kg	J				
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	65-85-0	Benzoic acid	0.0199	mg/kg	U	1	24000		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	100-51-6	Benzyl alcohol	0.00248	mg/kg	U	120	605		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00239	mg/kg	U	18	18		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00195	mg/kg	U	0.22	0.22		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.21	mg/kg		0.02	37		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.00994	mg/kg	U	298	298		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	85-68-7	Butyl benzylphthalate	0.00266	mg/kg	U	90	278		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	86-74-8	Carbazole	0.00248	mg/kg	U	7.5	7.5		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	218-01-9	Chrysene	0.00089	mg/kg	U	1.1	106		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.000773	mg/kg	U	0.1056	0.11		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	132-64-9	Dibenzofuran	0.000575	mg/kg	U	6.1	7.5		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	84-66-2	Diethyl phthalate	0.00449	mg/kg	U	100	4896		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	131-11-3	Dimethyl phthalate	0.00244	mg/kg	U	10	37		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	84-74-2	Di-n-butylphthalate	0.0331	mg/kg	U	0.011	605		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	117-84-0	Di-n-octylphthalate	0.0044	mg/kg	J	0.91	60		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	206-44-0	Fluoranthene	0.00353	mg/kg		1.1	230		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	86-73-7	Fluorene	0.000804	mg/kg	U	29	230		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	118-74-1	Hexachlorobenzene	0.000658	mg/kg	U	0.075	0.075		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.000987	mg/kg	U	0.001	0.17		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	67-72-1	Hexachloroethane	0.0021	mg/kg	U	0.024	1.7		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.000567	mg/kg	U	1.1	1.1		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	78-59-1	Isophorone	0.000627	mg/kg	U	547	547		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	91-20-3	Naphthalene	0.0011	mg/kg	U	1.9	1.9		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	98-95-3	Nitrobenzene	0.00375	mg/kg	U	2.2	4.9		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	62-75-9	N-Nitrosodimethylamine	0.0038	mg/kg	U	0.0019	0.0019		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00167	mg/kg	U	0.075	0.075		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.000712	mg/kg	U	0.55	106		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	87-86-5	Pentachlorophenol	0.00241	mg/kg	UJ	0.96	1		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	85-01-8	Phenanthrene	0.000739	mg/kg	U	29	1728		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	108-95-2	Phenol	0.0009	mg/kg	U	0.79	1824		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	8270C	129-00-0	Pyrene	0.00331	mg/kg		1.1	173		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.00409431	mg/kg					
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.010795	mg/kg		1.1			
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.004167	mg/kg	U	29			
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	NWTPH-Dx	TPH-D	Diesel Range Organics	5.83	mg/kg	U	260	1100		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	NWTPH-Dx	MOIL	Residual Range Organics	11.6	mg/kg	U	260	2800		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.91	mg/kg	U	120	1200		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.0258	mg/kg	J	1.8	1.8		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.00938	mg/kg	J	2.2	2.2		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000916	mg/kg	U	2.2	2.2		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	PSEP Butyltins	688-73-3	Tributyltin	0.00113	mg/kg	U	2.2	2.2		
DP7	723513.395	7833997.093	11/17/2004	14 - 16.5	SO	N	041117SGA05SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.00302	mg/kg	U	0.0073	0.23		
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	6010	7429-90-5	Aluminum	494	ug/L				20000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	6010	7440-70-2	Calcium	34100	ug/L					
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	6010	7440-48-4	Cobalt	2.26	ug/L	J			6	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	6010	7439-89-6	Iron	613	ug/L				14000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	6010	7439-95-4	Magnesium	9550	ug/L					
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	6010	7440-02-0	Nickel	1.39	ug/L	J			400	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	6010	7440-09-7	Potassium	2080	ug/L					
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	6010	7440-23-5	Sodium	7240	ug/L					
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	6010	7440-62-2	Vanadium	3.35	ug/L	J			86	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	6020	7440-36-0	Antimony	0.477	ug/L	J			7.8	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	6020	7440-38-2	Arsenic	0.57	ug/L				6300	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	6020	7440-39-3	Barium	16.2	ug/L				4000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	6020	7440-41-7	Beryllium	0.0782	ug/L	U			270000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	6020	7440-43-9	Cadmium	0.0247	ug/L	U			130000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	6020	7440-47-3	Chromium	3.12	ug/L				30000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	6020	7440-50-8	Copper	3.84	ug/L				5400000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	6020	7439-92-1	Lead	0.5	ug/L	U			15	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	6020	7439-96-5	Manganese	73.8	ug/L				3200000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	6020	7782-49-2	Selenium	2.04	ug/L				100	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	6020	7440-22-4	Silver	0.033	ug/L	J			1100000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	6020	7440-28-0	Thallium	0.046	ug/L	J			0.2	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	6020	7440-66-6	Zinc	4.19	ug/L	J			6000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	7470	7439-97-6	Mercury	0.053	ug/L	U			11	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8081A	72-54-8	4,4'-DDD	0.000512	ug/L	U			3.2	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8081A	72-55-9	4,4'-DDE	0.000424	ug/L	U			310	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8081A	50-29-3	4,4'-DDT	0.000543	ug/L	U			0.23	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8081A	309-00-2	Aldrin	0.000124	ug/L	U			3.5	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8081A	319-84-6	alpha-BHC	0.0004	ug/L	U			18	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8081A	5103-71-9	alpha-Chlordane	0.000383	ug/L	U			0.45	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8081A	319-85-7	beta-BHC	0.000464	ug/L	U			0.025	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8081A	319-86-8	delta-BHC	0.000255	ug/L	U			0.0072	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8081A	60-57-1	Dieldrin	0.000328	ug/L	U			2.4	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8081A	959-98-8	Endosulfan I	0.000542	ug/L	U			98	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8081A	33213-65-9	Endosulfan II	0.000411	ug/L	U			98	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8081A	1031-07-8	Endosulfan sulfate	0.000584	ug/L	U			98	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8081A	72-20-8	Endrin	0.000337	ug/L	U			170	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8081A	7421-93-4	Endrin aldehyde	0.00106	ug/L	U			170	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8081A	53494-70-5	Endrin ketone	0.000375	ug/L	U			170	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8081A	58-89-9	gamma-BHC (Lindane)	0.00232	ug/L				100	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8081A	5103-74-2	gamma-Chlordane	0.000521	ug/L	U			0.45	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8081A	76-44-8	Heptachlor	0.000819	ug/L	U			1.8	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8081A	1024-57-3	Heptachlor epoxide	0.000407	ug/L	U			3.2	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8081A	72-43-5	Methoxychlor	0.000584	ug/L	U			37	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8081A	8001-35-2	Toxaphene	0.0127	ug/L	U			18	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8082	12674-11-2	Aroclor-1016	0.00206	ug/L	U			75	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8082	11104-28-2	Aroclor-1221	0.00206	ug/L	U			2.3	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8082	11141-16-5	Aroclor-1232	0.00206	ug/L	U			0.71	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8082	53469-21-9	Aroclor-1242	0.00206	ug/L	U			5.8	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8082	12672-29-6	Aroclor-1248	0.00206	ug/L	U			1.2	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8082	11097-69-1	Aroclor-1254	0.00227	ug/L	U			7.2	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8082	11096-82-5	Aroclor-1260	0.00227	ug/L	U			1.6	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0528	ug/L	U			36	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	71-55-6	1,1,1-Trichloroethane	0.127	ug/L	J			53000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.068	ug/L	U			30	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	79-00-5	1,1,2-Trichloroethane	0.0627	ug/L	U			44	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	75-34-3	1,1-Dichloroethane	0.0982	ug/L	J			55	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	75-35-4	1,1-Dichloroethene	0.0595	ug/L	U			1300	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	563-58-6	1,1-Dichloropropene	0.0695	ug/L	U			40	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	87-61-6	1,2,3-Trichlorobenzene	0.0605	ug/L	U			7	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	96-18-4	1,2,3-Trichloropropane	0.123	ug/L	U			200	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	95-63-6	1,2,4-Trimethylbenzene	0.0283	ug/L	U			2400	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.222	ug/L	U			0.34	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0637	ug/L	U			1.5	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	107-06-2	1,2-Dichloroethane	0.0533	ug/L	U			18	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	78-87-5	1,2-Dichloropropane	0.038	ug/L	U			52	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	108-67-8	1,3,5-Trimethylbenzene	0.0249	ug/L	U			1700	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	142-28-9	1,3-Dichloropropane	0.0738	ug/L	U			370	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	106-46-7	1,4-Dichlorobenzene	0.018	ug/L	U			25	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	594-20-7	2,2-Dichloropropane	0.179	ug/L	J			52	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	95-49-8	2-Chlorotoluene	0.0857	ug/L	U			240	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	591-78-6	2-Hexanone	0.993	ug/L	U			72000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	106-43-4	4-Chlorotoluene	0.0491	ug/L	U			250	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	67-64-1	Acetone	1.2	ug/L	U			18000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	71-43-2	Benzene	0.0417	ug/L	U			12	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	108-86-1	Bromobenzene	0.0475	ug/L	U			6300	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	74-97-5	Bromochloromethane	0.0573	ug/L	U			450	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	75-27-4	Bromodichloromethane	0.0785	ug/L	U			6.9	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	75-25-2	Bromoform	0.083	ug/L	U			1100	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	74-83-9	Bromomethane	1	ug/L	U			110	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	75-15-0	Carbon disulfide	1	ug/L	U			8200	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	56-23-5	Carbon tetrachloride	0.097	ug/L	U			3.1	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	108-90-7	Chlorobenzene	0.0376	ug/L	U			3400	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	75-00-3	Chloroethane	0.187	ug/L	U			57000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	67-66-3	Chloroform	0.0717	ug/L	U			5.9	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	74-87-3	Chloromethane	0.11	ug/L	U			1500	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	156-59-2	cis-1,2-Dichloroethene	4.54	ug/L				1800	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0301	ug/L	U			40	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	124-48-1	Dibromochloromethane	0.0539	ug/L	U			610	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	74-95-3	Dibromomethane	0.0864	ug/L	U			950	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	75-71-8	Dichlorodifluoromethane	0.0575	ug/L	U			41	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	100-41-4	Ethylbenzene	0.0226	ug/L	U			31	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	98-82-8	Isopropylbenzene	0.0165	ug/L	U			9100	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	179601-23-1	m,p-Xylene	0.0718	ug/L	U			3000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	78-93-3	MEK (2-Butanone)	1.71	ug/L	U			17000000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	75-09-2	Methylene chloride	1	ug/L	U			15000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.309	ug/L	U			4600000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	104-51-8	n-Butylbenzene	0.0603	ug/L	U			1000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	103-65-1	n-Propylbenzene	0.0356	ug/L	U			22000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	95-47-6	o-Xylene	0.0265	ug/L	U			4300	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	99-87-6	p-Cymene	0.0397	ug/L	U			9100	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	135-98-8	sec-Butylbenzene	0.0358	ug/L	U			2000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	100-42-5	Styrene	0.0279	ug/L	U			84000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	98-06-6	tert-Butylbenzene	0.0535	ug/L	U			690	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	127-18-4	Tetrachloroethene	0.411	ug/L	J			130	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	108-88-3	Toluene	0.0588	ug/L	U			150000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	156-60-5	trans-1,2-Dichloroethene	0.0584	ug/L	U			457	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0539	ug/L	U			21	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	79-01-6	Trichloroethene	0.121	ug/L	J			7.4	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	75-69-4	Trichlorofluoromethane	0.062	ug/L	U			160000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	108-05-4	Vinyl acetate	0.32	ug/L	U			80000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8260B	75-01-4	Vinyl chloride	0.0604	ug/L	U			3.3	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	120-82-1	1,2,4-Trichlorobenzene	0.0134	ug/L	U			380	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	95-50-1	1,2-Dichlorobenzene	0.0303	ug/L	U			25000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	541-73-1	1,3-Dichlorobenzene	0.04	ug/L	U			25	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	95-95-4	2,4,5-Trichlorophenol	0.0542	ug/L	UJ			1200	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	88-06-2	2,4,6-Trichlorophenol	0.0393	ug/L	UJ			1700	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	120-83-2	2,4-Dichlorophenol	0.0228	ug/L	UJ			46	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	105-67-9	2,4-Dimethylphenol	0.224	ug/L	UJ			360	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	51-28-5	2,4-Dinitrophenol	0.253	ug/L	UJ			39	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	121-14-2	2,4-Dinitrotoluene	0.0625	ug/L	U			0.24	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	606-20-2	2,6-Dinitrotoluene	0.0414	ug/L	U			830	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	91-58-7	2-Chloronaphthalene	0.00523	ug/L	U			750	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	95-57-8	2-Chlorophenol	0.0515	ug/L	UJ			91	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	91-57-6	2-Methylnaphthalene	0.114	ug/L				36	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	95-48-7	2-Methylphenol	0.0479	ug/L	UJ			930	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	88-74-4	2-Nitroaniline	0.0326	ug/L	U			190	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	88-75-5	2-Nitrophenol	0.0524	ug/L	UJ			5800	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	91-94-1	3,3'-Dichlorobenzidine	0.204	ug/L	U			0.17	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	99-09-2	3-Nitroaniline	0.0615	ug/L	U			190	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.379	ug/L	UJ			1.5	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0239	ug/L	U				
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	59-50-7	4-Chloro-3-methylphenol	0.0299	ug/L	UJ			1400	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	106-47-8	4-Chloroaniline	0.0788	ug/L	UJ			0.37	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.0351	ug/L	U				
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	106-44-5	4-Methylphenol	0.054	ug/L	UJ			370	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	100-01-6	4-Nitroaniline	0.0423	ug/L	U			3.8	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	100-02-7	4-Nitrophenol	0.144	ug/L	UJ			5800	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	83-32-9	Acenaphthene	0.0348	ug/L				510	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	208-96-8	Acenaphthylene	0.00261	ug/L	U			20	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	62-53-3	Aniline	0.367	ug/L	U			13	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	120-12-7	Anthracene	0.0126	ug/L	J			1800	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	92-87-5	Benzidine	1.09	ug/L	U			17	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	56-55-3	Benzo(a)anthracene	0.00566	ug/L	U			2300	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	50-32-8	Benzo(a)pyrene	0.00895	ug/L	J			0.025	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	191-24-2	Benzo(g,h,i)perylene	0.00556	ug/L	U			120	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	56832-73-6	Benzofluoranthenes, Total	0.0173	ug/L	J				
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	65-85-0	Benzoic acid	0.164	ug/L	UJ			75000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	100-51-6	Benzyl alcohol	0.052	ug/L	UJ			2000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0197	ug/L	U			59	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0353	ug/L	U			140	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.415	ug/L	U			5.6	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0467	ug/L	U			710	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	85-68-7	Butyl benzylphthalate	0.119	ug/L	U			16	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	86-74-8	Carbazole	0.0236	ug/L	U			7.9	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	218-01-9	Chrysene	0.00915	ug/L	U			25	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	53-70-3	Dibenzo(a,h)anthracene	0.00671	ug/L	J			0.025	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	132-64-9	Dibenzofuran	0.0421	ug/L	J			7.9	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	84-66-2	Diethyl phthalate	0.101	ug/L	J			15000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	131-11-3	Dimethyl phthalate	0.0425	ug/L	U			15000	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	84-74-2	Di-n-butylphthalate	0.218	ug/L	U			900	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	117-84-0	Di-n-octylphthalate	0.0297	ug/L	U			200	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	206-44-0	Fluoranthene	0.0311	ug/L				800	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	86-73-7	Fluorene	0.0351	ug/L				280	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	118-74-1	Hexachlorobenzene	0.0272	ug/L	U			1.3	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	87-68-3	Hexachlorobutadiene	0.016	ug/L	U			3.3	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	77-47-4	Hexachlorocyclopentadiene	0.338	ug/L	UJ			48	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	67-72-1	Hexachloroethane	0.0415	ug/L	U			7	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.00797	ug/L	J			0.25	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	78-59-1	Isophorone	0.0842	ug/L	J			78	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	91-20-3	Naphthalene	0.0452	ug/L	J			20	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	98-95-3	Nitrobenzene	0.0566	ug/L	U			800	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	62-75-9	N-Nitrosodimethylamine	1.09	ug/L	U			25	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0402	ug/L	U			370	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	86-30-6	N-Nitrosodiphenylamine	0.00926	ug/L	U			12	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	87-86-5	Pentachlorophenol	0.245	ug/L	UJ			53	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	85-01-8	Phenanthrene	0.144	ug/L				1800	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	108-95-2	Phenol	0.00563	ug/L	UJ			5800	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	8270C	129-00-0	Pyrene	0.0261	ug/L				110	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	NWTPH-Dx	TPH-D	Diesel Range Organics	87	ug/L	U			100	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	NWTPH-Dx	MOIL	Residual Range Organics	113	ug/L	J			300	
DP7	723513.395	7833997.093	11/19/2004	12.9 - 17.9	WG	N	041119SGA09GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	6010	7429-90-5	Aluminum	7460	mg/kg		50	7392		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	6010	7440-70-2	Calcium	3860	mg/kg					
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	6010	7440-48-4	Cobalt	11.4	mg/kg		2.2	2.2		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	6010	7439-89-6	Iron	17000	mg/kg		5280	5280		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	6010	7439-95-4	Magnesium	5280	mg/kg					
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	6010	7440-02-0	Nickel	12.7	mg/kg		38	134		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	6010	7440-09-7	Potassium	550	mg/kg					
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	6010	7440-23-5	Sodium	11.5	mg/kg	U				
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	6010	7440-62-2	Vanadium	45	mg/kg		7.8	37		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	6020	7440-36-0	Antimony	0.107	mg/kg	J	0.27	3		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	6020	7440-38-2	Arsenic	1.32	mg/kg		0.43	0.43		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	6020	7440-39-3	Barium	48.8	mg/kg		330	1440		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	6020	7440-41-7	Beryllium	0.258	mg/kg		15	15		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	6020	7440-43-9	Cadmium	0.0121	mg/kg	U	0.36	0.68		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	6020	7440-47-3	Chromium	10.5	mg/kg		0.29	0.29		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	6020	7440-50-8	Copper	26.7	mg/kg		28	298		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	6020	7439-92-1	Lead	2.6	mg/kg		11	192		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	6020	7439-96-5	Manganese	380	mg/kg		173	173		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	6020	7782-49-2	Selenium	0.18	mg/kg	J	0.52	37		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	6020	7440-22-4	Silver	0.114	mg/kg	J	4.2	37		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	6020	7440-28-0	Thallium	0.0765	mg/kg	J	0.05	0.075		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	6020	7440-66-6	Zinc	35.1	mg/kg		46	2208		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	7471	7439-97-6	Mercury	0.0215	mg/kg	J	0.013	1.1		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8081A	72-54-8	4,4'-DDD	0.000217	mg/kg	U	0.021	2.2		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8081A	72-55-9	4,4'-DDE	0.000213	mg/kg	U	0.021	1.8		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8081A	50-29-3	4,4'-DDT	0.00025	mg/kg	U	0.021	1.8		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8081A	309-00-2	Aldrin	0.00011	mg/kg	U	0.000085	0.031		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8081A	319-84-6	alpha-BHC	0.000107	mg/kg	U	0.0096	0.083		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8081A	5103-71-9	alpha-Chlordane	0.000115	mg/kg	U	0.27	1.7		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8081A	319-85-7	beta-BHC	0.000118	mg/kg	U	0.0096	0.086		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8081A	319-86-8	delta-BHC	0.000107	mg/kg	U	0.0096	0.083		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8081A	60-57-1	Dieldrin	0.000259	mg/kg	U	0.0049	0.033		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8081A	959-98-8	Endosulfan I	0.000119	mg/kg	U	0.64	45		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8081A	33213-65-9	Endosulfan II	0.000272	mg/kg	U	0.64	45		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8081A	1031-07-8	Endosulfan sulfate	0.000509	mg/kg	U	0.64	36		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8081A	72-20-8	Endrin	0.000133	mg/kg	U	0.0014	1.8		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8081A	7421-93-4	Endrin aldehyde	0.000618	mg/kg	U	0.0014	1.8		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8081A	53494-70-5	Endrin ketone	0.000119	mg/kg	U	0.0014	1.8		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8081A	58-89-9	gamma-BHC (Lindane)	0.000128	mg/kg	U	0.0096	0.49		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8081A	5103-74-2	gamma-Chlordane	0.000129	mg/kg	U	0.27	1.7		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8081A	76-44-8	Heptachlor	0.000107	mg/kg	U	0.0016	0.11		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8081A	1024-57-3	Heptachlor epoxide	0.000146	mg/kg	U	0.00015	0.055		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8081A	72-43-5	Methoxychlor	0.000153	mg/kg	U	5.1	31		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8081A	8001-35-2	Toxaphene	0.0107	mg/kg	U	0.47	0.47		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8082	12674-11-2	Aroclor-1016	0.00265	mg/kg	U	0.041	0.1		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8082	11104-28-2	Aroclor-1221	0.00265	mg/kg	U	0.041	0.19		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8082	11141-16-5	Aroclor-1232	0.00265	mg/kg	U	0.041	0.16		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8082	53469-21-9	Aroclor-1242	0.00265	mg/kg	U	0.041	0.22		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8082	12672-29-6	Aroclor-1248	0.00265	mg/kg	U	0.041	0.22		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8082	11097-69-1	Aroclor-1254	0.00145	mg/kg	U	0.029	0.029		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8082	11096-82-5	Aroclor-1260	0.00145	mg/kg	U	0.041	0.23		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.000124	mg/kg	U	0.07	1.9		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	71-55-6	1,1,1-Trichloroethane	0.000181	mg/kg	U	260	778		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000178	mg/kg	U	0.13	0.58		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	79-00-5	1,1,2-Trichloroethane	0.000251	mg/kg	U	0.14	0.14		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	75-34-3	1,1-Dichloroethane	0.00016	mg/kg	U	3.5	3.5		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	75-35-4	1,1-Dichloroethene	0.00123	mg/kg	U	11	22		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	563-58-6	1,1-Dichloropropene	0.00253	mg/kg	U	0.001	1.7		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.000301	mg/kg	U	6	6		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	96-18-4	1,2,3-Trichloropropane	0.000211	mg/kg	U	0.0049	0.0049		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.000307	mg/kg	U	0.27	5.6		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.000133	mg/kg	U	0.09	29		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.000376	mg/kg	U	0.0051	0.0051		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.000161	mg/kg	U	0.035	0.035		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	95-50-1	1,2-Dichlorobenzene	0.000161	mg/kg	U	0.92	173		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	107-06-2	1,2-Dichloroethane	0.000245	mg/kg	U	0.44	0.44		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	78-87-5	1,2-Dichloropropane	0.00012	mg/kg	U	0.28	1.5		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.00012	mg/kg	U	0.16	26		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	541-73-1	1,3-Dichlorobenzene	0.000109	mg/kg	U	0.74	2.5		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	142-28-9	1,3-Dichloropropane	0.000169	mg/kg	U	0.28	154		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	106-46-7	1,4-Dichlorobenzene	0.000154	mg/kg	U	0.89	2.5		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	594-20-7	2,2-Dichloropropane	0.000213	mg/kg	U	0.28	1.5		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	95-49-8	2-Chlorotoluene	0.000137	mg/kg	U	154	154		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	591-78-6	2-Hexanone	0.00345	mg/kg	U	0.36	19		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	106-43-4	4-Chlorotoluene	0.000262	mg/kg	U	154	154		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	67-64-1	Acetone	0.0358	mg/kg	U	1.2	6720		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	71-43-2	Benzene	0.00316	mg/kg	U	1.2	1.2		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	108-86-1	Bromobenzene	0.000126	mg/kg	U	28	28		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	74-97-5	Bromochloromethane	0.000145	mg/kg	U	3.4	3.4		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	75-27-4	Bromodichloromethane	0.000195	mg/kg	U	0.28	0.28		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	75-25-2	Bromoform	0.000196	mg/kg	U	0.07	18		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	74-83-9	Bromomethane	0.00111	mg/kg	UJ	0.002	0.65		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	75-15-0	Carbon disulfide	0.00316	mg/kg	U	0.81	74		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	56-23-5	Carbon tetrachloride	0.000266	mg/kg	U	0.62	0.62		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	108-90-7	Chlorobenzene	0.00014	mg/kg	U	2.4	27		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	75-00-3	Chloroethane	0.00181	mg/kg	U	518	518		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	67-66-3	Chloroform	0.000168	mg/kg	U	0.31	0.31		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	74-87-3	Chloromethane	0.00111	mg/kg	U	11	11		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.00154	mg/kg	J	6	6		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000115	mg/kg	U	0.001	1.7		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	124-48-1	Dibromochloromethane	0.000204	mg/kg	U	3.7	3.7		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	74-95-3	Dibromomethane	0.000205	mg/kg	U	2.304	2.3		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	75-71-8	Dichlorodifluoromethane	0.000129	mg/kg	U	8.4	8.4		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	100-41-4	Ethylbenzene	0.00316	mg/kg	U	0.27	5.6		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	87-68-3	Hexachlorobutadiene	0.000185	mg/kg	U	0.009	1.2		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	98-82-8	Isopropylbenzene	0.000118	mg/kg	U	0.04	182		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	179601-23-1	m,p-Xylene	0.00632	mg/kg	U	1.4	53		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	78-93-3	MEK (2-Butanone)	0.00579	mg/kg	U	350	2592		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	75-09-2	Methylene chloride	0.000519	mg/kg	U	2.6	34		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.002	mg/kg	U	9.7	3168		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	104-51-8	n-Butylbenzene	0.000293	mg/kg	U	374	374		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	103-65-1	n-Propylbenzene	0.000148	mg/kg	U	365	365		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	95-47-6	o-Xylene	0.00316	mg/kg	U	1.4	61		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	99-87-6	p-Cymene	0.000177	mg/kg	U	0.18	182		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	135-98-8	sec-Butylbenzene	0.000123	mg/kg	U	749	749		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	100-42-5	Styrene	0.0000759	mg/kg	U	1.2	576		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	98-06-6	tert-Butylbenzene	0.0000762	mg/kg	U	749	749		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	127-18-4	Tetrachloroethene	0.000437	mg/kg	J	0.18	7.8		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	108-88-3	Toluene	0.00316	mg/kg	U	23	470		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.00079	mg/kg	U	6.7	6.7		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.000143	mg/kg	U	0.001	1.7		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	79-01-6	Trichloroethene	0.000108	mg/kg	J	0.39	0.39		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	75-69-4	Trichlorofluoromethane	0.00111	mg/kg	U	52	2208		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	108-05-4	Vinyl acetate	0.00319	mg/kg	U	87	87		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8260B	75-01-4	Vinyl chloride	0.000588	mg/kg	U	0.057	0.057		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.000855	mg/kg	U	4	605		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.000872	mg/kg	U	6	6		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	120-83-2	2,4-Dichlorophenol	0.000977	mg/kg	U	0.05	18		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	105-67-9	2,4-Dimethylphenol	0.000843	mg/kg	UJ	0.04	125		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	51-28-5	2,4-Dinitrophenol	0.0077	mg/kg	U	0.061	12		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00187	mg/kg	U	1.6	1.6		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00118	mg/kg	U	0.3456	0.35		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	91-58-7	2-Chloronaphthalene	0.000744	mg/kg	U	461	461		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	95-57-8	2-Chlorophenol	0.000742	mg/kg	U	0.39	37		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	91-57-6	2-Methylnaphthalene	0.000573	mg/kg	U	23	23		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	95-48-7	2-Methylphenol	0.00104	mg/kg	U	0.67	307		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	88-74-4	2-Nitroaniline	0.000598	mg/kg	U	5.3	60		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	88-75-5	2-Nitrophenol	0.00126	mg/kg	U	5.1	1824		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00478	mg/kg	U	0.03	1.2		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	99-09-2	3-Nitroaniline	0.00323	mg/kg	U	0.02	60		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00198	mg/kg	U	0.49	0.49		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00203	mg/kg	U				
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.000984	mg/kg	U	605	605		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	106-47-8	4-Chloroaniline	0.00102	mg/kg	U	1	2.6		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00237	mg/kg	U				
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	106-44-5	4-Methylphenol	0.0013	mg/kg	U	0.08	125		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	100-01-6	4-Nitroaniline	0.00452	mg/kg	UJ	0.02	24		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	100-02-7	4-Nitrophenol	0.00902	mg/kg	U	5.1	1824		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	83-32-9	Acenaphthene	0.000565	mg/kg	U	29	346		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	208-96-8	Acenaphthylene	0.000649	mg/kg	U	1.9	1.9		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	62-53-3	Aniline	0.00203	mg/kg	U	42	42		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	120-12-7	Anthracene	0.000419	mg/kg	U	29	1728		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	92-87-5	Benzidine	0.00311	mg/kg	U	0.00051	0.00051		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	56-55-3	Benzo(a)anthracene	0.00111	mg/kg	U	1.1	1.1		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	50-32-8	Benzo(a)pyrene	0.000697	mg/kg	U	0.11	0.11		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.00053	mg/kg	U	1.1	173		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.00297	mg/kg	J				
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	65-85-0	Benzoic acid	0.0176	mg/kg	U	1	24000		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	100-51-6	Benzyl alcohol	0.00219	mg/kg	U	120	605		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00212	mg/kg	U	18	18		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00173	mg/kg	U	0.22	0.22		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.266	mg/kg		0.02	37		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0088	mg/kg	U	298	298		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	85-68-7	Butyl benzylphthalate	0.00236	mg/kg	U	90	278		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	86-74-8	Carbazole	0.00219	mg/kg	U	7.5	7.5		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	218-01-9	Chrysene	0.000788	mg/kg	U	1.1	106		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.000684	mg/kg	U	0.1056	0.11		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	132-64-9	Dibenzofuran	0.000509	mg/kg	U	6.1	7.5		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	84-66-2	Diethyl phthalate	0.00398	mg/kg	U	100	4896		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	131-11-3	Dimethyl phthalate	0.00216	mg/kg	U	10	37		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	84-74-2	Di-n-butylphthalate	0.011	mg/kg	U	0.011	605		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	117-84-0	Di-n-octylphthalate	0.00203	mg/kg	U	0.91	60		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	206-44-0	Fluoranthene	0.0039	mg/kg		1.1	230		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	86-73-7	Fluorene	0.000712	mg/kg	U	29	230		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	118-74-1	Hexachlorobenzene	0.000583	mg/kg	U	0.075	0.075		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.000874	mg/kg	U	0.001	0.17		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	67-72-1	Hexachloroethane	0.00186	mg/kg	U	0.024	1.7		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.000511	mg/kg	J	1.1	1.1		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	78-59-1	Isophorone	0.000555	mg/kg	U	547	547		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	91-20-3	Naphthalene	0.000976	mg/kg	U	1.9	1.9		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	98-95-3	Nitrobenzene	0.00332	mg/kg	U	2.2	4.9		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00336	mg/kg	U	0.0019	0.0019		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00148	mg/kg	U	0.075	0.075		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.00063	mg/kg	U	0.55	106		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	87-86-5	Pentachlorophenol	0.00214	mg/kg	UJ	0.96	1		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	85-01-8	Phenanthrene	0.00182	mg/kg	J	29	1728		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	108-95-2	Phenol	0.000797	mg/kg	U	0.79	1824		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	8270C	129-00-0	Pyrene	0.0026	mg/kg		1.1	173		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0046733	mg/kg					
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.009566	mg/kg		1.1			
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.005141	mg/kg		29			
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	NWTPH-Dx	TPH-D	Diesel Range Organics	5.14	mg/kg	U	260	1100		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	NWTPH-Dx	MOIL	Residual Range Organics	10.2	mg/kg	U	260	2800		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.32	mg/kg	U	120	1200		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.0283	mg/kg	J	1.8	1.8		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.013	mg/kg	J	2.2	2.2		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000843	mg/kg	U	2.2	2.2		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	PSEP Butyltins	688-73-3	Tributyltin	0.00258	mg/kg	J	2.2	2.2		
DP8	723493.741	7833995.81	11/17/2004	13 - 15	SO	N	041117SGA08SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0029	mg/kg	U	0.0073	0.23		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	6010	7429-90-5	Aluminum	12500	mg/kg		50	7392		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	6010	7440-70-2	Calcium	7410	mg/kg					
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	6010	7440-48-4	Cobalt	14.6	mg/kg		2.2	2.2		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	6010	7439-89-6	Iron	27000	mg/kg		5280	5280		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	6010	7439-95-4	Magnesium	8660	mg/kg					
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	6010	7440-02-0	Nickel	22.4	mg/kg		38	134		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	6010	7440-09-7	Potassium	670	mg/kg					
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	6010	7440-23-5	Sodium	187	mg/kg	J				
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	6010	7440-62-2	Vanadium	52.2	mg/kg		7.8	37		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	6020	7440-36-0	Antimony	0.184	mg/kg	J	0.27	3		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	6020	7440-38-2	Arsenic	4.83	mg/kg		0.43	0.43		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	6020	7440-39-3	Barium	89	mg/kg		330	1440		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	6020	7440-41-7	Beryllium	0.488	mg/kg		15	15		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	6020	7440-43-9	Cadmium	0.0143	mg/kg	U	0.36	0.68		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	6020	7440-47-3	Chromium	20.3	mg/kg		0.29	0.29		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	6020	7440-50-8	Copper	53.3	mg/kg	J	28	298		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	6020	7439-92-1	Lead	5.37	mg/kg		11	192		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	6020	7439-96-5	Manganese	599	mg/kg		173	173		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	6020	7782-49-2	Selenium	0.302	mg/kg		0.52	37		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	6020	7440-22-4	Silver	0.109	mg/kg	J	4.2	37		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	6020	7440-28-0	Thallium	0.145	mg/kg	J	0.05	0.075		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	6020	7440-66-6	Zinc	54.1	mg/kg		46	2208		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	7471	7439-97-6	Mercury	0.0209	mg/kg	J	0.013	1.1		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8081A	72-54-8	4,4'-DDD	0.00025	mg/kg	U	0.021	2.2		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8081A	72-55-9	4,4'-DDE	0.000245	mg/kg	U	0.021	1.8		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8081A	50-29-3	4,4'-DDT	0.000288	mg/kg	U	0.021	1.8		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8081A	309-00-2	Aldrin	0.000126	mg/kg	U	0.000085	0.031		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8081A	319-84-6	alpha-BHC	0.000122	mg/kg	U	0.0096	0.083		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8081A	5103-71-9	alpha-Chlordane	0.000132	mg/kg	U	0.27	1.7		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8081A	319-85-7	beta-BHC	0.000136	mg/kg	U	0.0096	0.086		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8081A	319-86-8	delta-BHC	0.000122	mg/kg	U	0.0096	0.083		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8081A	60-57-1	Dieldrin	0.000298	mg/kg	U	0.0049	0.033		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8081A	959-98-8	Endosulfan I	0.000137	mg/kg	U	0.64	45		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8081A	33213-65-9	Endosulfan II	0.000312	mg/kg	U	0.64	45		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8081A	1031-07-8	Endosulfan sulfate	0.000585	mg/kg	U	0.64	36		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8081A	72-20-8	Endrin	0.000153	mg/kg	U	0.0014	1.8		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8081A	7421-93-4	Endrin aldehyde	0.00071	mg/kg	U	0.0014	1.8		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8081A	53494-70-5	Endrin ketone	0.000137	mg/kg	U	0.0014	1.8		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8081A	58-89-9	gamma-BHC (Lindane)	0.000147	mg/kg	U	0.0096	0.49		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8081A	5103-74-2	gamma-Chlordane	0.000148	mg/kg	U	0.27	1.7		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8081A	76-44-8	Heptachlor	0.000122	mg/kg	U	0.0016	0.11		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8081A	1024-57-3	Heptachlor epoxide	0.000168	mg/kg	U	0.00015	0.055		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8081A	72-43-5	Methoxychlor	0.000176	mg/kg	U	5.1	31		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8081A	8001-35-2	Toxaphene	0.0122	mg/kg	U	0.47	0.47		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8082	12674-11-2	Aroclor-1016	0.003	mg/kg	U	0.041	0.1		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8082	11104-28-2	Aroclor-1221	0.003	mg/kg	U	0.041	0.19		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8082	11141-16-5	Aroclor-1232	0.003	mg/kg	U	0.041	0.16		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8082	53469-21-9	Aroclor-1242	0.003	mg/kg	U	0.041	0.22		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8082	12672-29-6	Aroclor-1248	0.003	mg/kg	U	0.041	0.22		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8082	11097-69-1	Aroclor-1254	0.00165	mg/kg	U	0.029	0.029		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8082	11096-82-5	Aroclor-1260	0.00165	mg/kg	U	0.041	0.23		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0000979	mg/kg	U	0.07	1.9		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	71-55-6	1,1,1-Trichloroethane	0.000144	mg/kg	U	260	778		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000141	mg/kg	U	0.13	0.58		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	79-00-5	1,1,2-Trichloroethane	0.000199	mg/kg	U	0.14	0.14		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	75-34-3	1,1-Dichloroethane	0.000126	mg/kg	U	3.5	3.5		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	75-35-4	1,1-Dichloroethene	0.000976	mg/kg	U	11	22		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	563-58-6	1,1-Dichloropropene	0.002	mg/kg	U	0.001	1.7		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.000238	mg/kg	U	6	6		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	96-18-4	1,2,3-Trichloropropane	0.000167	mg/kg	U	0.0049	0.0049		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.000243	mg/kg	U	0.27	5.6		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.000106	mg/kg	U	0.09	29		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.000298	mg/kg	U	0.0051	0.0051		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.000127	mg/kg	U	0.035	0.035		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	95-50-1	1,2-Dichlorobenzene	0.000127	mg/kg	U	0.92	173		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	107-06-2	1,2-Dichloroethane	0.000194	mg/kg	U	0.44	0.44		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	78-87-5	1,2-Dichloropropane	0.0000946	mg/kg	U	0.28	1.5		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.0000954	mg/kg	U	0.16	26		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	541-73-1	1,3-Dichlorobenzene	0.0000864	mg/kg	U	0.74	2.5		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	142-28-9	1,3-Dichloropropane	0.000134	mg/kg	U	0.28	154		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	106-46-7	1,4-Dichlorobenzene	0.000122	mg/kg	UJ	0.89	2.5		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	594-20-7	2,2-Dichloropropane	0.000169	mg/kg	U	0.28	1.5		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	95-49-8	2-Chlorotoluene	0.000108	mg/kg	U	154	154		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	591-78-6	2-Hexanone	0.00273	mg/kg	U	0.36	19		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	106-43-4	4-Chlorotoluene	0.000207	mg/kg	U	154	154		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	67-64-1	Acetone	0.00646	mg/kg	U	1.2	6720		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	71-43-2	Benzene	0.0025	mg/kg	U	1.2	1.2		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	108-86-1	Bromobenzene	0.0000994	mg/kg	U	28	28		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	74-97-5	Bromochloromethane	0.000115	mg/kg	U	3.4	3.4		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	75-27-4	Bromodichloromethane	0.000155	mg/kg	U	0.28	0.28		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	75-25-2	Bromoform	0.000155	mg/kg	U	0.07	18		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	74-83-9	Bromomethane	0.000879	mg/kg	UJ	0.002	0.65		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	75-15-0	Carbon disulfide	0.000691	mg/kg	U	0.81	74		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	56-23-5	Carbon tetrachloride	0.000211	mg/kg	U	0.62	0.62		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	108-90-7	Chlorobenzene	0.000111	mg/kg	U	2.4	27		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	75-00-3	Chloroethane	0.00143	mg/kg	U	518	518		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	67-66-3	Chloroform	0.000133	mg/kg	U	0.31	0.31		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	74-87-3	Chloromethane	0.000876	mg/kg	U	11	11		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.000628	mg/kg	J	6	6		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0000914	mg/kg	U	0.001	1.7		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	124-48-1	Dibromochloromethane	0.000161	mg/kg	U	3.7	3.7		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	74-95-3	Dibromomethane	0.000162	mg/kg	U	2.304	2.3		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	75-71-8	Dichlorodifluoromethane	0.000132	mg/kg	J	8.4	8.4		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	100-41-4	Ethylbenzene	0.0025	mg/kg	U	0.27	5.6		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	87-68-3	Hexachlorobutadiene	0.000147	mg/kg	U	0.009	1.2		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	98-82-8	Isopropylbenzene	0.0000934	mg/kg	U	0.04	182		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	179601-23-1	m,p-Xylene	0.00501	mg/kg	U	1.4	53		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	78-93-3	MEK (2-Butanone)	0.00458	mg/kg	U	350	2592		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	75-09-2	Methylene chloride	0.0025	mg/kg	U	2.6	34		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00159	mg/kg	U	9.7	3168		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	91-20-3	Naphthalene	0.00103	mg/kg	U	1.9	1.9		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	104-51-8	n-Butylbenzene	0.000232	mg/kg	U	374	374		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	103-65-1	n-Propylbenzene	0.000117	mg/kg	U	365	365		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	95-47-6	o-Xylene	0.0025	mg/kg	U	1.4	61		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	99-87-6	p-Cymene	0.00014	mg/kg	U	0.18	182		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	135-98-8	sec-Butylbenzene	0.0000976	mg/kg	U	749	749		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	100-42-5	Styrene	0.0000601	mg/kg	U	1.2	576		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	98-06-6	tert-Butylbenzene	0.0000603	mg/kg	U	749	749		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	127-18-4	Tetrachloroethene	0.000253	mg/kg	U	0.18	7.8		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	108-88-3	Toluene	0.0025	mg/kg	U	23	470		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.000626	mg/kg	U	6.7	6.7		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.000113	mg/kg	U	0.001	1.7		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	79-01-6	Trichloroethene	0.00023	mg/kg	J	0.39	0.39		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	75-69-4	Trichlorofluoromethane	0.000876	mg/kg	U	52	2208		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	108-05-4	Vinyl acetate	0.00253	mg/kg	U	87	87		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8260B	75-01-4	Vinyl chloride	0.000466	mg/kg	U	0.057	0.057		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.000927	mg/kg	U	4	605		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.000945	mg/kg	U	6	6		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	120-83-2	2,4-Dichlorophenol	0.00106	mg/kg	U	0.05	18		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	105-67-9	2,4-Dimethylphenol	0.000914	mg/kg	UJ	0.04	125		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	51-28-5	2,4-Dinitrophenol	0.00835	mg/kg	U	0.061	12		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00203	mg/kg	U	1.6	1.6		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00128	mg/kg	U	0.3456	0.35		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	91-58-7	2-Chloronaphthalene	0.000806	mg/kg	U	461	461		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	95-57-8	2-Chlorophenol	0.000804	mg/kg	U	0.39	37		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	91-57-6	2-Methylnaphthalene	0.000621	mg/kg	U	23	23		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	95-48-7	2-Methylphenol	0.00113	mg/kg	U	0.67	307		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	88-74-4	2-Nitroaniline	0.000649	mg/kg	U	5.3	60		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	88-75-5	2-Nitrophenol	0.00136	mg/kg	U	5.1	1824		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00518	mg/kg	U	0.03	1.2		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	99-09-2	3-Nitroaniline	0.0035	mg/kg	U	0.02	60		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00215	mg/kg	U	0.49	0.49		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0022	mg/kg	U				
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.00107	mg/kg	U	605	605		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	106-47-8	4-Chloroaniline	0.00111	mg/kg	U	1	2.6		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00257	mg/kg	U				
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	106-44-5	4-Methylphenol	0.00141	mg/kg	U	0.08	125		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	100-01-6	4-Nitroaniline	0.0049	mg/kg	UJ	0.02	24		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	100-02-7	4-Nitrophenol	0.00978	mg/kg	U	5.1	1824		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	83-32-9	Acenaphthene	0.000613	mg/kg	U	29	346		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	208-96-8	Acenaphthylene	0.000704	mg/kg	U	1.9	1.9		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	62-53-3	Aniline	0.0022	mg/kg	U	42	42		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	120-12-7	Anthracene	0.000454	mg/kg	U	29	1728		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	92-87-5	Benzidine	0.00337	mg/kg	U	0.00051	0.00051		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	56-55-3	Benzo(a)anthracene	0.00121	mg/kg	U	1.1	1.1		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	50-32-8	Benzo(a)pyrene	0.000756	mg/kg	U	0.11	0.11		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.000575	mg/kg	U	1.1	173		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.00108	mg/kg	U				
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	65-85-0	Benzoic acid	0.0191	mg/kg	U	1	24000		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	100-51-6	Benzyl alcohol	0.00238	mg/kg	U	120	605		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00229	mg/kg	U	18	18		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00188	mg/kg	U	0.22	0.22		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.0441	mg/kg		0.02	37		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.00954	mg/kg	U	298	298		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	85-68-7	Butyl benzylphthalate	0.00256	mg/kg	U	90	278		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	86-74-8	Carbazole	0.00238	mg/kg	U	7.5	7.5		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	218-01-9	Chrysene	0.000854	mg/kg	U	1.1	106		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.000742	mg/kg	U	0.1056	0.11		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	132-64-9	Dibenzofuran	0.000552	mg/kg	U	6.1	7.5		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	84-66-2	Diethyl phthalate	0.00431	mg/kg	U	100	4896		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	131-11-3	Dimethyl phthalate	0.00234	mg/kg	U	10	37		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	84-74-2	Di-n-butylphthalate	0.0119	mg/kg	U	0.011	605		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	117-84-0	Di-n-octylphthalate	0.0022	mg/kg	U	0.91	60		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	206-44-0	Fluoranthene	0.00121	mg/kg	U	1.1	230		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	86-73-7	Fluorene	0.000772	mg/kg	U	29	230		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	118-74-1	Hexachlorobenzene	0.000632	mg/kg	U	0.075	0.075		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.000947	mg/kg	U	0.001	0.17		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	67-72-1	Hexachloroethane	0.00202	mg/kg	U	0.024	1.7		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.000545	mg/kg	U	1.1	1.1		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	78-59-1	Isophorone	0.000602	mg/kg	U	547	547		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	98-95-3	Nitrobenzene	0.0036	mg/kg	U	2.2	4.9		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00364	mg/kg	U	0.0019	0.0019		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0016	mg/kg	U	0.075	0.075		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.000683	mg/kg	U	0.55	106		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	87-86-5	Pentachlorophenol	0.00232	mg/kg	UJ	0.96	1		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	85-01-8	Phenanthrene	0.00071	mg/kg	U	29	1728		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	108-95-2	Phenol	0.000864	mg/kg	U	0.79	1824		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	8270C	129-00-0	Pyrene	0.000406	mg/kg	U	1.1	173		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.00526039	mg/kg	U				
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.006298	mg/kg	U	1.1			
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.004313	mg/kg	U	29			
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	NWTPH-Dx	TPH-D	Diesel Range Organics	5.89	mg/kg	U	260	1100		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	NWTPH-Dx	MOIL	Residual Range Organics	11.7	mg/kg	U	260	2800		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.79	mg/kg	U	120	1200		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.00362	mg/kg	J	1.8	1.8		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.00889	mg/kg	J	2.2	2.2		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.00093	mg/kg	U	2.2	2.2		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	PSEP Butyltins	688-73-3	Tributyltin	0.00114	mg/kg	U	2.2	2.2		
DP9	723554.924	7833969.943	11/17/2004	14 - 17	SO	N	041117SGA09SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0033	mg/kg	U	0.0073	0.23		
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	6010	7429-90-5	Aluminum	74.2	ug/L	J			20000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	6010	7440-70-2	Calcium	31300	ug/L					
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	6010	7440-48-4	Cobalt	0.77	ug/L	U			6	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	6010	7439-89-6	Iron	14	ug/L	U			14000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	6010	7439-95-4	Magnesium	8300	ug/L					
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	6010	7440-02-0	Nickel	1.02	ug/L	J			400	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	6010	7440-09-7	Potassium	2260	ug/L					
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	6010	7440-23-5	Sodium	9110	ug/L					
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	6010	7440-62-2	Vanadium	1.82	ug/L	J			86	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	6020	7440-36-0	Antimony	0.317	ug/L	J			7.8	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	6020	7440-38-2	Arsenic	1.06	ug/L				6300	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	6020	7440-39-3	Barium	8.99	ug/L				4000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	6020	7440-41-7	Beryllium	0.0782	ug/L	U			270000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	6020	7440-43-9	Cadmium	0.0247	ug/L	U			130000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	6020	7440-47-3	Chromium	5.26	ug/L				30000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	6020	7440-50-8	Copper	1.44	ug/L	J			5400000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	6020	7439-92-1	Lead	0.058	ug/L	J			15	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	6020	7439-96-5	Manganese	9.11	ug/L				3200000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	6020	7782-49-2	Selenium	0.815	ug/L				100	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	6020	7440-22-4	Silver	0.027	ug/L	J			1100000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	6020	7440-28-0	Thallium	0.0292	ug/L	U			0.2	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	6020	7440-66-6	Zinc	2.88	ug/L	J			6000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	7470	7439-97-6	Mercury	0.053	ug/L	U			11	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8081A	72-54-8	4,4'-DDD	0.000575	ug/L	U			3.2	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8081A	72-55-9	4,4'-DDE	0.000476	ug/L	U			310	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8081A	50-29-3	4,4'-DDT	0.000609	ug/L	U			0.23	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8081A	309-00-2	Aldrin	0.00014	ug/L	U			3.5	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8081A	319-84-6	alpha-BHC	0.000449	ug/L	U			18	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8081A	5103-71-9	alpha-Chlordane	0.000429	ug/L	U			0.45	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8081A	319-85-7	beta-BHC	0.000521	ug/L	U			0.025	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8081A	319-86-8	delta-BHC	0.000286	ug/L	U			0.0072	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8081A	60-57-1	Dieldrin	0.000368	ug/L	U			2.4	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8081A	959-98-8	Endosulfan I	0.000608	ug/L	U			98	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8081A	33213-65-9	Endosulfan II	0.000462	ug/L	U			98	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8081A	1031-07-8	Endosulfan sulfate	0.000655	ug/L	U			98	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8081A	72-20-8	Endrin	0.000378	ug/L	U			170	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8081A	7421-93-4	Endrin aldehyde	0.00119	ug/L	U			170	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8081A	53494-70-5	Endrin ketone	0.000421	ug/L	U			170	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8081A	58-89-9	gamma-BHC (Lindane)	0.00249	ug/L	J			100	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8081A	5103-74-2	gamma-Chlordane	0.000584	ug/L	U			0.45	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8081A	76-44-8	Heptachlor	0.000919	ug/L	U			1.8	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8081A	1024-57-3	Heptachlor epoxide	0.000456	ug/L	U			3.2	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8081A	72-43-5	Methoxychlor	0.00521	ug/L	J			37	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8081A	8001-35-2	Toxaphene	0.0142	ug/L	U			18	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8082	12674-11-2	Aroclor-1016	0.00237	ug/L	U			75	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8082	11104-28-2	Aroclor-1221	0.00237	ug/L	U			2.3	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8082	11141-16-5	Aroclor-1232	0.00237	ug/L	U			0.71	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8082	53469-21-9	Aroclor-1242	0.00237	ug/L	U			5.8	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8082	12672-29-6	Aroclor-1248	0.00237	ug/L	U			1.2	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8082	11097-69-1	Aroclor-1254	0.00261	ug/L	U			7.2	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8082	11096-82-5	Aroclor-1260	0.00261	ug/L	U			1.6	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0528	ug/L	U			36	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	71-55-6	1,1,1-Trichloroethane	0.137	ug/L	J			53000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.068	ug/L	U			30	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	79-00-5	1,1,2-Trichloroethane	0.0627	ug/L	U			44	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	75-34-3	1,1-Dichloroethane	0.178	ug/L	J			55	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	75-35-4	1,1-Dichloroethene	0.0595	ug/L	U			1300	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	563-58-6	1,1-Dichloropropene	0.0695	ug/L	U			40	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	87-61-6	1,2,3-Trichlorobenzene	0.0605	ug/L	U			7	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	96-18-4	1,2,3-Trichloropropane	0.123	ug/L	U			200	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	95-63-6	1,2,4-Trimethylbenzene	0.0283	ug/L	U			2400	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.222	ug/L	U			0.34	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0637	ug/L	U			1.5	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	107-06-2	1,2-Dichloroethane	0.0533	ug/L	U			18	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	78-87-5	1,2-Dichloropropane	0.038	ug/L	U			52	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	108-67-8	1,3,5-Trimethylbenzene	0.0249	ug/L	U			1700	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	142-28-9	1,3-Dichloropropane	0.0738	ug/L	U			370	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	106-46-7	1,4-Dichlorobenzene	0.018	ug/L	U			25	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	594-20-7	2,2-Dichloropropane	0.0487	ug/L	U			52	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	95-49-8	2-Chlorotoluene	0.0857	ug/L	U			240	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	591-78-6	2-Hexanone	0.993	ug/L	U			72000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	106-43-4	4-Chlorotoluene	0.0491	ug/L	U			250	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	67-64-1	Acetone	1.2	ug/L	U			18000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	71-43-2	Benzene	0.0546	ug/L	J			12	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	108-86-1	Bromobenzene	0.0475	ug/L	U			6300	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	74-97-5	Bromochloromethane	0.0573	ug/L	U			450	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	75-27-4	Bromodichloromethane	0.0785	ug/L	U			6.9	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	75-25-2	Bromoform	0.083	ug/L	U			1100	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	74-83-9	Bromomethane	1	ug/L	U			110	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	75-15-0	Carbon disulfide	0.0494	ug/L	U			8200	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	56-23-5	Carbon tetrachloride	0.097	ug/L	U			3.1	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	108-90-7	Chlorobenzene	0.0376	ug/L	U			3400	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	75-00-3	Chloroethane	0.187	ug/L	U			57000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	67-66-3	Chloroform	0.0717	ug/L	U			5.9	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	74-87-3	Chloromethane	0.11	ug/L	U			1500	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	156-59-2	cis-1,2-Dichloroethene	10.1	ug/L				1800	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0301	ug/L	U			40	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	124-48-1	Dibromochloromethane	0.0539	ug/L	U			610	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	74-95-3	Dibromomethane	0.0864	ug/L	U			950	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	75-71-8	Dichlorodifluoromethane	0.0575	ug/L	U			41	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	100-41-4	Ethylbenzene	0.0226	ug/L	U			31	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	98-82-8	Isopropylbenzene	0.0165	ug/L	U			9100	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	179601-23-1	m,p-Xylene	0.0718	ug/L	U			3000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	78-93-3	MEK (2-Butanone)	1.71	ug/L	U			17000000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	75-09-2	Methylene chloride	0.0752	ug/L	U			15000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.309	ug/L	U			4600000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	104-51-8	n-Butylbenzene	0.0603	ug/L	U			1000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	103-65-1	n-Propylbenzene	0.0356	ug/L	U			22000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	95-47-6	o-Xylene	0.0265	ug/L	U			4300	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	99-87-6	p-Cymene	0.0397	ug/L	U			9100	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	135-98-8	sec-Butylbenzene	0.0358	ug/L	U			2000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	100-42-5	Styrene	0.0279	ug/L	U			84000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	98-06-6	tert-Butylbenzene	0.0535	ug/L	U			690	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	127-18-4	Tetrachloroethene	1.09	ug/L				130	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	108-88-3	Toluene	0.0917	ug/L	J			150000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	156-60-5	trans-1,2-Dichloroethene	0.0955	ug/L	J			457	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0539	ug/L	U			21	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	79-01-6	Trichloroethene	0.534	ug/L	J			7.4	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	75-69-4	Trichlorofluoromethane	0.062	ug/L	U			160000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	108-05-4	Vinyl acetate	0.32	ug/L	U			80000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8260B	75-01-4	Vinyl chloride	0.0604	ug/L	U			3.3	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	120-82-1	1,2,4-Trichlorobenzene	0.0117	ug/L	UJ			380	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	95-50-1	1,2-Dichlorobenzene	0.0264	ug/L	U			25000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	541-73-1	1,3-Dichlorobenzene	0.0349	ug/L	U			25	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	95-95-4	2,4,5-Trichlorophenol	0.0421	ug/L	UJ			1200	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	88-06-2	2,4,6-Trichlorophenol	0.0305	ug/L	UJ			1700	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	120-83-2	2,4-Dichlorophenol	0.0177	ug/L	UJ			46	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	105-67-9	2,4-Dimethylphenol	0.174	ug/L	UJ			360	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	51-28-5	2,4-Dinitrophenol	0.197	ug/L	UJ			39	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	121-14-2	2,4-Dinitrotoluene	0.0545	ug/L	U			0.24	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	606-20-2	2,6-Dinitrotoluene	0.0361	ug/L	U			830	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	91-58-7	2-Chloronaphthalene	0.00456	ug/L	U			750	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	95-57-8	2-Chlorophenol	0.04	ug/L	UJ			91	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	91-57-6	2-Methylnaphthalene	0.0142	ug/L	U			36	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	95-48-7	2-Methylphenol	0.0371	ug/L	UJ			930	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	88-74-4	2-Nitroaniline	0.0284	ug/L	U			190	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	88-75-5	2-Nitrophenol	0.0406	ug/L	UJ			5800	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	91-94-1	3,3'-Dichlorobenzidine	0.178	ug/L	U			0.17	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	99-09-2	3-Nitroaniline	0.0537	ug/L	U			190	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.294	ug/L	UJ			1.5	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0208	ug/L	U				
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	59-50-7	4-Chloro-3-methylphenol	0.0232	ug/L	UJ			1400	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	106-47-8	4-Chloroaniline	0.0687	ug/L	UJ			0.37	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.0306	ug/L	U				
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	106-44-5	4-Methylphenol	0.0419	ug/L	UJ			370	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	100-01-6	4-Nitroaniline	0.0368	ug/L	U			3.8	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	100-02-7	4-Nitrophenol	0.112	ug/L	UJ			5800	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	83-32-9	Acenaphthene	0.0175	ug/L	J			510	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	208-96-8	Acenaphthylene	0.00228	ug/L	U			20	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	62-53-3	Aniline	0.285	ug/L	U			13	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	120-12-7	Anthracene	0.0018	ug/L	U			1800	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	92-87-5	Benzidine	0.95	ug/L	U			17	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	56-55-3	Benzo(a)anthracene	0.00494	ug/L	U			2300	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	50-32-8	Benzo(a)pyrene	0.00313	ug/L	U			0.025	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	191-24-2	Benzo(g,h,i)perylene	0.00484	ug/L	U			120	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	56832-73-6	Benzofluoranthenes, Total	0.0113	ug/L	U				
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	65-85-0	Benzoic acid	0.127	ug/L	UJ			75000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	100-51-6	Benzyl alcohol	0.0404	ug/L	UJ			2000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0172	ug/L	U			59	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0308	ug/L	U			140	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.362	ug/L	U			5.6	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0407	ug/L	U			710	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	85-68-7	Butyl benzylphthalate	0.285	ug/L	U			16	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	86-74-8	Carbazole	0.0206	ug/L	U			7.9	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	218-01-9	Chrysene	0.00798	ug/L	U			25	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	53-70-3	Dibenzo(a,h)anthracene	0.00294	ug/L	U			0.025	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	132-64-9	Dibenzofuran	0.0195	ug/L	U			7.9	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	84-66-2	Diethyl phthalate	0.0687	ug/L	J			15000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	131-11-3	Dimethyl phthalate	0.037	ug/L	U			15000	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	84-74-2	Di-n-butylphthalate	0.19	ug/L	U			900	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	117-84-0	Di-n-octylphthalate	0.0259	ug/L	U			200	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	206-44-0	Fluoranthene	0.00541	ug/L	U			800	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	86-73-7	Fluorene	0.00161	ug/L	U			280	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	118-74-1	Hexachlorobenzene	0.0237	ug/L	U			1.3	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	87-68-3	Hexachlorobutadiene	0.014	ug/L	U			3.3	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	77-47-4	Hexachlorocyclopentadiene	0.294	ug/L	UJ			48	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	67-72-1	Hexachloroethane	0.0362	ug/L	U			7	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.00266	ug/L	U			0.25	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	78-59-1	Isophorone	0.0486	ug/L	J			78	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	91-20-3	Naphthalene	0.0165	ug/L	U			20	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	98-95-3	Nitrobenzene	0.0494	ug/L	U			800	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	62-75-9	N-Nitrosodimethylamine	0.95	ug/L	U			25	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.035	ug/L	U			370	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	86-30-6	N-Nitrosodiphenylamine	0.00807	ug/L	U			12	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	87-86-5	Pentachlorophenol	0.19	ug/L	UJ			53	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	85-01-8	Phenanthrene	0.00351	ug/L	U			1800	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	108-95-2	Phenol	0.0248	ug/L	J			5800	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	8270C	129-00-0	Pyrene	0.00275	ug/L	U			110	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	NWTPH-Dx	TPH-D	Diesel Range Organics	76.8	ug/L	U			100	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	NWTPH-Dx	MOIL	Residual Range Organics	95.2	ug/L	U			300	
DP9	723554.924	7833969.943	11/19/2004	10 - 20	WG	N	041119SGA10GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	UJ			14000	
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	6010	7429-90-5	Aluminum	4160	mg/kg	J	50	7392		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	6010	7440-39-3	Barium	35.5	mg/kg		330	1440		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	6010	7440-41-7	Beryllium	0.18	mg/kg	U	15	15		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	6010	7440-70-2	Calcium	2980	mg/kg	J				
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	6010	7440-47-3	Chromium	8.14	mg/kg		0.29	0.29		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	6010	7440-48-4	Cobalt	9.99	mg/kg		2.2	2.2		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	6010	7440-50-8	Copper	17	mg/kg		28	298		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	6010	7439-89-6	Iron	18600	mg/kg		5280	5280		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	6010	7439-95-4	Magnesium	2690	mg/kg	J				
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	6010	7439-96-5	Manganese	270	mg/kg	J	173	173		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	6010	7440-02-0	Nickel	4.79	mg/kg		38	134		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	6010	7440-09-7	Potassium	669	mg/kg					
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	6010	7440-23-5	Sodium	162	mg/kg	U				
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	6010	7440-62-2	Vanadium	41.6	mg/kg		7.8	37		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	6010	7440-66-6	Zinc	30.3	mg/kg	J	46	2208		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	6020	7440-36-0	Antimony	2.99	mg/kg	U	0.27	3		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	6020	7440-38-2	Arsenic	4.42	mg/kg		0.43	0.43		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	6020	7440-43-9	Cadmium	0.897	mg/kg		0.36	0.68		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	6020	7439-92-1	Lead	42.7	mg/kg		11	192		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	6020	7782-49-2	Selenium	0.385	mg/kg	U	0.52	37		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	6020	7440-22-4	Silver	0.149	mg/kg	J	4.2	37		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	6020	7440-28-0	Thallium	0.239	mg/kg	J	0.05	0.075		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	7471	7439-97-6	Mercury	0.17	mg/kg		0.013	1.1		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8081A	72-54-8	4,4'-DDD	0.000192	mg/kg	U	0.021	2.2		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8081A	72-55-9	4,4'-DDE	0.000227	mg/kg	U	0.021	1.8		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8081A	50-29-3	4,4'-DDT	0.000436	mg/kg	J	0.021	1.8		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8081A	309-00-2	Aldrin	0.000425	mg/kg	U	0.000085	0.031		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8081A	319-84-6	alpha-BHC	0.000306	mg/kg	U	0.0096	0.083		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8081A	319-85-7	beta-BHC	0.000417	mg/kg	U	0.0096	0.086		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8081A	319-86-8	delta-BHC	0.000378	mg/kg	UJ	0.0096	0.083		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8081A	60-57-1	Dieldrin	0.000323	mg/kg	U	0.0049	0.033		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8081A	959-98-8	Endosulfan I	0.00042	mg/kg	U	0.64	45		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8081A	33213-65-9	Endosulfan II	0.000381	mg/kg	U	0.64	45		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8081A	1031-07-8	Endosulfan sulfate	0.000577	mg/kg	J	0.64	36		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8081A	72-20-8	Endrin	0.000356	mg/kg	UJ	0.0014	1.8		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8081A	7421-93-4	Endrin aldehyde	0.000402	mg/kg	U	0.0014	1.8		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8081A	53494-70-5	Endrin ketone	0.000277	mg/kg	U	0.0014	1.8		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8081A	58-89-9	gamma-BHC (Lindane)	0.000377	mg/kg	U	0.0096	0.49		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8081A	76-44-8	Heptachlor	0.000339	mg/kg	U	0.0016	0.11		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8081A	1024-57-3	Heptachlor epoxide	0.00036	mg/kg	U	0.00015	0.055		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8081A	72-43-5	Methoxychlor	0.00136	mg/kg	U	5.1	31		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8081A	12789-03-6	technical-Chlordane	0.00139	mg/kg	U	0.27	1.6		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8081A	8001-35-2	Toxaphene	0.00618	mg/kg	U	0.47	0.47		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8082	12674-11-2	Aroclor-1016	0.0012	mg/kg	U	0.041	0.1		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8082	11104-28-2	Aroclor-1221	0.00513	mg/kg	U	0.041	0.19		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8082	11141-16-5	Aroclor-1232	0.00409	mg/kg	U	0.041	0.16		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8082	53469-21-9	Aroclor-1242	0.00219	mg/kg	U	0.041	0.22		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8082	12672-29-6	Aroclor-1248	0.00544	mg/kg	U	0.041	0.22		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8082	11097-69-1	Aroclor-1254	0.0017	mg/kg	U	0.029	0.029		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8082	11096-82-5	Aroclor-1260	0.002	mg/kg	J	0.041	0.23		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8151A	93-76-5	2,4,5-T	0.00136	mg/kg	U	60	60		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8151A	93-72-1	2,4,5-TP (Silvex)	0.00198	mg/kg	U	0.055	49		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8151A	94-75-7	2,4-D	0.000512	mg/kg	U	67	67		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8151A	94-82-6	2,4-DB	0.000871	mg/kg	U				
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8151A	120-36-5	2,4-DP (Dichloroprop)	0.000662	mg/kg	U				
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8151A	100-02-7	4-Nitrophenol	0.00137	mg/kg	U	5.1	1824		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8151A	75-99-0	Dalapon	0.00189	mg/kg	U	182	182		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8151A	1918-00-9	Dicamba	0.00151	mg/kg	U	182	182		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8151A	88-85-7	Dinoseb	0.000512	mg/kg	U	0.015	6		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8151A	94-74-6	MCPA	0.000936	mg/kg	U	3.1	3.1		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8151A	93-65-2	MCPP	0.0017	mg/kg	U	6	6		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8151A	87-86-5	Pentachlorophenol	0.000725	mg/kg	U	0.96	1		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.003	mg/kg	U	0.07	1.9		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	71-55-6	1,1,1-Trichloroethane	0.001	mg/kg	U	260	778		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.003	mg/kg	U	0.13	0.58		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	79-00-5	1,1,2-Trichloroethane	0.003	mg/kg	U	0.14	0.14		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	75-34-3	1,1-Dichloroethane	0.001	mg/kg	U	3.5	3.5		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	75-35-4	1,1-Dichloroethene	0.002	mg/kg	U	11	22		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	563-58-6	1,1-Dichloropropene	0.001	mg/kg	U	0.001	1.7		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.002	mg/kg	U	6	6		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	96-18-4	1,2,3-Trichloropropane	0.003	mg/kg	U	0.0049	0.0049		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.002	mg/kg	U	0.09	29		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.003	mg/kg	U	0.0051	0.0051		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.003	mg/kg	U	0.035	0.035		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	107-06-2	1,2-Dichloroethane	0.001	mg/kg	U	0.44	0.44		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	78-87-5	1,2-Dichloropropane	0.001	mg/kg	U	0.28	1.5		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.002	mg/kg	U	0.16	26		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	142-28-9	1,3-Dichloropropane	0.003	mg/kg	U	0.28	154		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	594-20-7	2,2-Dichloropropane	0.002	mg/kg	U	0.28	1.5		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	95-49-8	2-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	591-78-6	2-Hexanone	0.01	mg/kg	UJ	0.36	19		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	106-43-4	4-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	67-64-1	Acetone	0.015	mg/kg	U	1.2	6720		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	71-43-2	Benzene	0.002	mg/kg	U	1.2	1.2		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	108-86-1	Bromobenzene	0.002	mg/kg	U	28	28		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	74-97-5	Bromochloromethane	0.001	mg/kg	U	3.4	3.4		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	75-27-4	Bromodichloromethane	0.001	mg/kg	U	0.28	0.28		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	75-25-2	Bromoform	0.003	mg/kg	U	0.07	18		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	74-83-9	Bromomethane	0.008	mg/kg	U	0.002	0.65		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	75-15-0	Carbon disulfide	0.003	mg/kg	U	0.81	74		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	56-23-5	Carbon tetrachloride	0.001	mg/kg	U	0.62	0.62		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	108-90-7	Chlorobenzene	0.002	mg/kg	U	2.4	27		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	75-00-3	Chloroethane	0.002	mg/kg	U	518	518		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	67-66-3	Chloroform	0.001	mg/kg	U	0.31	0.31		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	74-87-3	Chloromethane	0.003	mg/kg	U	11	11		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.002	mg/kg	U	6	6		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.001	mg/kg	U	0.001	1.7		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	124-48-1	Dibromochloromethane	0.001	mg/kg	U	3.7	3.7		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	74-95-3	Dibromomethane	0.001	mg/kg	U	2.304	2.3		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	75-71-8	Dichlorodifluoromethane	0.001	mg/kg	U	8.4	8.4		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	100-41-4	Ethylbenzene	0.002	mg/kg	U	0.27	5.6		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	98-82-8	Isopropylbenzene	0.002	mg/kg	U	0.04	182		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	179601-23-1	m,p-Xylene	0.003	mg/kg	U	1.4	53		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	78-93-3	MEK (2-Butanone)	0.015	mg/kg	U	350	2592		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	75-09-2	Methylene chloride	0.003	mg/kg	U	2.6	34		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.01	mg/kg	U	9.7	3168		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	104-51-8	n-Butylbenzene	0.002	mg/kg	U	374	374		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	103-65-1	n-Propylbenzene	0.002	mg/kg	U	365	365		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	95-47-6	o-Xylene	0.002	mg/kg	U	1.4	61		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	99-87-6	p-Cymene	0.002	mg/kg	U	0.18	182		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	135-98-8	sec-Butylbenzene	0.002	mg/kg	U	749	749		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	100-42-5	Styrene	0.002	mg/kg	U	1.2	576		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	98-06-6	tert-Butylbenzene	0.002	mg/kg	U	749	749		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	127-18-4	Tetrachloroethene	0.002	mg/kg	U	0.18	7.8		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	108-88-3	Toluene	0.002	mg/kg	U	23	470		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.002	mg/kg	U	6.7	6.7		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.003	mg/kg	U	0.001	1.7		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	79-01-6	Trichloroethene	0.002	mg/kg	U	0.39	0.39		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	75-69-4	Trichlorofluoromethane	0.002	mg/kg	U	52	2208		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	108-05-4	Vinyl acetate	0.005	mg/kg	U	87	87		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8260B	75-01-4	Vinyl chloride	0.002	mg/kg	U	0.057	0.057		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	120-82-1	1,2,4-Trichlorobenzene	0.00102	mg/kg	U	0.27	5.6		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	95-50-1	1,2-Dichlorobenzene	0.00126	mg/kg	U	0.92	173		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	541-73-1	1,3-Dichlorobenzene	0.00172	mg/kg	U	0.74	2.5		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	106-46-7	1,4-Dichlorobenzene	0.00196	mg/kg	U	0.89	2.5		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.00221	mg/kg	U	4	605		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.00163	mg/kg	UJ	6	6		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	120-83-2	2,4-Dichlorophenol	0.00135	mg/kg	U	0.05	18		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	105-67-9	2,4-Dimethylphenol	0.00135	mg/kg	U	0.04	125		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	51-28-5	2,4-Dinitrophenol	0.00295	mg/kg	U	0.061	12		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	121-14-2	2,4-Dinitrotoluene	0.0016	mg/kg	U	1.6	1.6		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00221	mg/kg	UJ	0.3456	0.35		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	91-58-7	2-Chloronaphthalene	0.000368	mg/kg	U	461	461		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	95-57-8	2-Chlorophenol	0.00184	mg/kg	U	0.39	37		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	91-57-6	2-Methylnaphthalene	0.000191	mg/kg	U	23	23		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	95-48-7	2-Methylphenol	0.00147	mg/kg	U	0.67	307		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	88-74-4	2-Nitroaniline	0.0016	mg/kg	U	5.3	60		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	88-75-5	2-Nitrophenol	0.00172	mg/kg	U	5.1	1824		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00135	mg/kg	U	0.03	1.2		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	99-09-2	3-Nitroaniline	0.00209	mg/kg	U	0.02	60		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00151	mg/kg	U	0.49	0.49		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00163	mg/kg	U				
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.00135	mg/kg	U	605	605		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	106-47-8	4-Chloroaniline	0.00114	mg/kg	U	1	2.6		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00206	mg/kg	U				
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	106-44-5	4-Methylphenol	0.00182	mg/kg	U	0.08	125		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	100-01-6	4-Nitroaniline	0.00209	mg/kg	U	0.02	24		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	83-32-9	Acenaphthene	0.000607	mg/kg	U	29	346		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	208-96-8	Acenaphthylene	0.000535	mg/kg	U	1.9	1.9		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	62-53-3	Aniline	0.00614	mg/kg	U	42	42		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	120-12-7	Anthracene	0.00172	mg/kg		29	1728		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	92-87-5	Benzidine	0.00232	mg/kg	UJ	0.00051	0.00051		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	56-55-3	Benzo(a)anthracene	0.000749	mg/kg	U	1.1	1.1		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	50-32-8	Benzo(a)pyrene	0.0102	mg/kg		0.11	0.11		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.000202	mg/kg	U	1.1	173		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.0135	mg/kg					
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	65-85-0	Benzoic acid	0.0885	mg/kg	J	1	24000		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	100-51-6	Benzyl alcohol	0.00258	mg/kg	U	120	605		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00147	mg/kg	U	18	18		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00234	mg/kg	UJ	0.22	0.22		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.0617	mg/kg	UJ	0.02	37		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.00319	mg/kg	UJ	298	298		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	85-68-7	Butyl benzylphthalate	0.00233	mg/kg	U	90	278		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	86-74-8	Carbazole	0.00479	mg/kg	U	7.5	7.5		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	218-01-9	Chrysene	0.0065	mg/kg		1.1	106		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.000286	mg/kg	U	0.1056	0.11		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	132-64-9	Dibenzofuran	0.00142	mg/kg	U	6.1	7.5		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	84-66-2	Diethyl phthalate	0.00209	mg/kg	U	100	4896		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	131-11-3	Dimethyl phthalate	0.00135	mg/kg	U	10	37		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	84-74-2	Di-n-butylphthalate	0.0614	mg/kg	UJ	0.011	605		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	117-84-0	Di-n-octylphthalate	0.00319	mg/kg	U	0.91	60		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	206-44-0	Fluoranthene	0.00847	mg/kg		1.1	230		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	86-73-7	Fluorene	0.000573	mg/kg	U	29	230		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	118-74-1	Hexachlorobenzene	0.00135	mg/kg	U	0.075	0.075		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	87-68-3	Hexachlorobutadiene	0.0011	mg/kg	U	0.009	1.2		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.00173	mg/kg	UJ	0.001	0.17		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	67-72-1	Hexachloroethane	0.00233	mg/kg	U	0.024	1.7		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.000286	mg/kg	U	1.1	1.1		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	78-59-1	Isophorone	0.00172	mg/kg	U	547	547		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	91-20-3	Naphthalene	0.000574	mg/kg	U	1.9	1.9		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	98-95-3	Nitrobenzene	0.00168	mg/kg	U	2.2	4.9		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00135	mg/kg	U	0.0019	0.0019		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00135	mg/kg	U	0.075	0.075		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.000982	mg/kg	U	0.55	106		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	85-01-8	Phenanthrene	0.00564	mg/kg		29	1728		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	108-95-2	Phenol	0.00245	mg/kg	U	0.79	1824		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	8270C	129-00-0	Pyrene	0.011	mg/kg		1.1	173		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.010226	mg/kg					
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.037	mg/kg		1.1			
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.0095	mg/kg		29			
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	NWTPH-DX	TPH-D	Diesel Range Organics	34.4	mg/kg		260	1100		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	NWTPH-DX	MOIL	Residual Range Organics	191	mg/kg		260	2800		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	NWTPH-GX	TPH-G	Gasoline Range Organics	4.35	mg/kg	U	120	1200		
DSA01	723220.737	7834074.838	12/4/2001	0 - 0	SO	N	011204DSA01SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0037	mg/kg		0.0073	0.23		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	6010	7429-90-5	Aluminum	5570	mg/kg	J	50	7392		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	6010	7440-39-3	Barium	129	mg/kg		330	1440		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	6010	7440-41-7	Beryllium	0.169	mg/kg	J	15	15		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	6010	7440-70-2	Calcium	4240	mg/kg	J				
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	6010	7440-47-3	Chromium	5.46	mg/kg		0.29	0.29		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	6010	7440-48-4	Cobalt	12.1	mg/kg		2.2	2.2		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	6010	7440-50-8	Copper	16.1	mg/kg		28	298		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	6010	7439-89-6	Iron	21700	mg/kg		5280	5280		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	6010	7439-95-4	Magnesium	3510	mg/kg	J				
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	6010	7439-96-5	Manganese	385	mg/kg	J	173	173		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	6010	7440-02-0	Nickel	5.73	mg/kg		38	134		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	6010	7440-09-7	Potassium	716	mg/kg					
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	6010	7440-23-5	Sodium	137	mg/kg	U				
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	6010	7440-62-2	Vanadium	47.9	mg/kg		7.8	37		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	6010	7440-66-6	Zinc	34.7	mg/kg	J	46	2208		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	6020	7440-36-0	Antimony	2.83	mg/kg	U	0.27	3		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	6020	7440-38-2	Arsenic	3.82	mg/kg		0.43	0.43		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	6020	7440-43-9	Cadmium	0.836	mg/kg		0.36	0.68		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	6020	7439-92-1	Lead	13.8	mg/kg		11	192		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	6020	7782-49-2	Selenium	0.365	mg/kg	U	0.52	37		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	6020	7440-22-4	Silver	0.149	mg/kg	J	4.2	37		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	6020	7440-28-0	Thallium	0.136	mg/kg	J	0.05	0.075		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	7471	7439-97-6	Mercury	0.0951	mg/kg		0.013	1.1		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8081A	72-54-8	4,4'-DDD	0.000207	mg/kg	U	0.021	2.2		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8081A	72-55-9	4,4'-DDE	0.000245	mg/kg	U	0.021	1.8		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8081A	50-29-3	4,4'-DDT	0.000275	mg/kg	U	0.021	1.8		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8081A	309-00-2	Aldrin	0.000458	mg/kg	U	0.000085	0.031		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8081A	319-84-6	alpha-BHC	0.00033	mg/kg	U	0.0096	0.083		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8081A	319-85-7	beta-BHC	0.00045	mg/kg	U	0.0096	0.086		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8081A	319-86-8	delta-BHC	0.000408	mg/kg	UJ	0.0096	0.083		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8081A	60-57-1	Dieldrin	0.000348	mg/kg	U	0.0049	0.033		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8081A	959-98-8	Endosulfan I	0.000452	mg/kg	U	0.64	45		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8081A	33213-65-9	Endosulfan II	0.000411	mg/kg	U	0.64	45		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8081A	1031-07-8	Endosulfan sulfate	0.000387	mg/kg	U	0.64	36		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8081A	72-20-8	Endrin	0.000383	mg/kg	UJ	0.0014	1.8		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8081A	7421-93-4	Endrin aldehyde	0.000433	mg/kg	U	0.0014	1.8		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8081A	53494-70-5	Endrin ketone	0.000299	mg/kg	U	0.0014	1.8		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8081A	58-89-9	gamma-BHC (Lindane)	0.000406	mg/kg	U	0.0096	0.49		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8081A	76-44-8	Heptachlor	0.000366	mg/kg	U	0.0016	0.11		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8081A	1024-57-3	Heptachlor epoxide	0.000388	mg/kg	U	0.00015	0.055		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8081A	72-43-5	Methoxychlor	0.00146	mg/kg	U	5.1	31		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8081A	12789-03-6	technical-Chlordane	0.0015	mg/kg	U	0.27	1.6		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8081A	8001-35-2	Toxaphene	0.00666	mg/kg	U	0.47	0.47		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8082	12674-11-2	Aroclor-1016	0.00109	mg/kg	U	0.041	0.1		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8082	11104-28-2	Aroclor-1221	0.00466	mg/kg	U	0.041	0.19		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8082	11141-16-5	Aroclor-1232	0.00372	mg/kg	U	0.041	0.16		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8082	53469-21-9	Aroclor-1242	0.00199	mg/kg	U	0.041	0.22		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8082	12672-29-6	Aroclor-1248	0.00494	mg/kg	U	0.041	0.22		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8082	11097-69-1	Aroclor-1254	0.00154	mg/kg	U	0.029	0.029		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8082	11096-82-5	Aroclor-1260	0.00154	mg/kg	U	0.041	0.23		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8151A	93-76-5	2,4,5-T	0.00137	mg/kg	U	60	60		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8151A	93-72-1	2,4,5-TP (Silvex)	0.002	mg/kg	U	0.055	49		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8151A	94-75-7	2,4-D	0.000516	mg/kg	U	67	67		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8151A	94-82-6	2,4-DB	0.000878	mg/kg	U				
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8151A	120-36-5	2,4-DP (Dichloroprop)	0.000667	mg/kg	U				
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8151A	100-02-7	4-Nitrophenol	0.00138	mg/kg	U	5.1	1824		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8151A	75-99-0	Dalapon	0.00191	mg/kg	U	182	182		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8151A	1918-00-9	Dicamba	0.00152	mg/kg	U	182	182		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8151A	88-85-7	Dinoseb	0.000516	mg/kg	U	0.015	6		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8151A	94-74-6	MCPA	0.000943	mg/kg	U	3.1	3.1		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8151A	93-65-2	MCPP	0.00171	mg/kg	U	6	6		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8151A	87-86-5	Pentachlorophenol	0.00073	mg/kg	U	0.96	1		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.003	mg/kg	U	0.07	1.9		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	71-55-6	1,1,1-Trichloroethane	0.001	mg/kg	U	260	778		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.003	mg/kg	U	0.13	0.58		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	79-00-5	1,1,2-Trichloroethane	0.003	mg/kg	U	0.14	0.14		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	75-34-3	1,1-Dichloroethane	0.001	mg/kg	U	3.5	3.5		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	75-35-4	1,1-Dichloroethene	0.002	mg/kg	U	11	22		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	563-58-6	1,1-Dichloropropene	0.001	mg/kg	U	0.001	1.7		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.002	mg/kg	U	6	6		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	96-18-4	1,2,3-Trichloropropane	0.003	mg/kg	U	0.0049	0.0049		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.002	mg/kg	U	0.09	29		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.003	mg/kg	U	0.0051	0.0051		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.003	mg/kg	U	0.035	0.035		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	107-06-2	1,2-Dichloroethane	0.001	mg/kg	U	0.44	0.44		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	78-87-5	1,2-Dichloropropane	0.001	mg/kg	U	0.28	1.5		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.002	mg/kg	U	0.16	26		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	142-28-9	1,3-Dichloropropane	0.003	mg/kg	U	0.28	154		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	594-20-7	2,2-Dichloropropane	0.002	mg/kg	U	0.28	1.5		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	95-49-8	2-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	591-78-6	2-Hexanone	0.01	mg/kg	UJ	0.36	19		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	106-43-4	4-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	67-64-1	Acetone	0.015	mg/kg	U	1.2	6720		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	71-43-2	Benzene	0.002	mg/kg	U	1.2	1.2		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	108-86-1	Bromobenzene	0.002	mg/kg	U	28	28		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	74-97-5	Bromochloromethane	0.001	mg/kg	U	3.4	3.4		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	75-27-4	Bromodichloromethane	0.001	mg/kg	U	0.28	0.28		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	75-25-2	Bromoform	0.003	mg/kg	U	0.07	18		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	74-83-9	Bromomethane	0.008	mg/kg	U	0.002	0.65		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	75-15-0	Carbon disulfide	0.003	mg/kg	U	0.81	74		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	56-23-5	Carbon tetrachloride	0.001	mg/kg	U	0.62	0.62		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	108-90-7	Chlorobenzene	0.002	mg/kg	U	2.4	27		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	75-00-3	Chloroethane	0.002	mg/kg	U	518	518		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	67-66-3	Chloroform	0.001	mg/kg	U	0.31	0.31		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	74-87-3	Chloromethane	0.003	mg/kg	U	11	11		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.002	mg/kg	U	6	6		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.001	mg/kg	U	0.001	1.7		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	124-48-1	Dibromochloromethane	0.001	mg/kg	U	3.7	3.7		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	74-95-3	Dibromomethane	0.001	mg/kg	U	2.304	2.3		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	75-71-8	Dichlorodifluoromethane	0.001	mg/kg	U	8.4	8.4		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	100-41-4	Ethylbenzene	0.002	mg/kg	U	0.27	5.6		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	98-82-8	Isopropylbenzene	0.002	mg/kg	U	0.04	182		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	179601-23-1	m,p-Xylene	0.003	mg/kg	U	1.4	53		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	78-93-3	MEK (2-Butanone)	0.015	mg/kg	U	350	2592		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	75-09-2	Methylene chloride	0.003	mg/kg	U	2.6	34		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.01	mg/kg	U	9.7	3168		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	104-51-8	n-Butylbenzene	0.002	mg/kg	U	374	374		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	103-65-1	n-Propylbenzene	0.002	mg/kg	U	365	365		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	95-47-6	o-Xylene	0.002	mg/kg	U	1.4	61		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	99-87-6	p-Cymene	0.002	mg/kg	U	0.18	182		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	135-98-8	sec-Butylbenzene	0.002	mg/kg	U	749	749		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	100-42-5	Styrene	0.002	mg/kg	U	1.2	576		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	98-06-6	tert-Butylbenzene	0.002	mg/kg	U	749	749		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	127-18-4	Tetrachloroethene	0.002	mg/kg	U	0.18	7.8		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	108-88-3	Toluene	0.002	mg/kg	U	23	470		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.002	mg/kg	U	6.7	6.7		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.003	mg/kg	U	0.001	1.7		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	79-01-6	Trichloroethene	0.002	mg/kg	U	0.39	0.39		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	75-69-4	Trichlorofluoromethane	0.002	mg/kg	U	52	2208		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	108-05-4	Vinyl acetate	0.005	mg/kg	U	87	87		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8260B	75-01-4	Vinyl chloride	0.002	mg/kg	U	0.057	0.057		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	120-82-1	1,2,4-Trichlorobenzene	0.000972	mg/kg	U	0.27	5.6		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	95-50-1	1,2-Dichlorobenzene	0.00121	mg/kg	U	0.92	173		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	541-73-1	1,3-Dichlorobenzene	0.00164	mg/kg	U	0.74	2.5		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	106-46-7	1,4-Dichlorobenzene	0.00187	mg/kg	U	0.89	2.5		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.00211	mg/kg	U	4	605		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.00156	mg/kg	UJ	6	6		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	120-83-2	2,4-Dichlorophenol	0.00129	mg/kg	U	0.05	18		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	105-67-9	2,4-Dimethylphenol	0.00129	mg/kg	U	0.04	125		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	51-28-5	2,4-Dinitrophenol	0.00281	mg/kg	U	0.061	12		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00152	mg/kg	U	1.6	1.6		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00211	mg/kg	UJ	0.3456	0.35		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	91-58-7	2-Chloronaphthalene	0.000351	mg/kg	U	461	461		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	95-57-8	2-Chlorophenol	0.00176	mg/kg	U	0.39	37		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	91-57-6	2-Methylnaphthalene	0.000183	mg/kg	U	23	23		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	95-48-7	2-Methylphenol	0.0014	mg/kg	U	0.67	307		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	88-74-4	2-Nitroaniline	0.00152	mg/kg	U	5.3	60		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	88-75-5	2-Nitrophenol	0.00164	mg/kg	U	5.1	1824		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00129	mg/kg	U	0.03	1.2		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	99-09-2	3-Nitroaniline	0.00199	mg/kg	U	0.02	60		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00433	mg/kg	U	0.49	0.49		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00156	mg/kg	U				
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.00129	mg/kg	U	605	605		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	106-47-8	4-Chloroaniline	0.00109	mg/kg	U	1	2.6		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00197	mg/kg	U				
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	106-44-5	4-Methylphenol	0.00173	mg/kg	U	0.08	125		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	100-01-6	4-Nitroaniline	0.00199	mg/kg	U	0.02	24		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	83-32-9	Acenaphthene	0.00644	mg/kg		29	346		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	208-96-8	Acenaphthylene	0.00051	mg/kg	U	1.9	1.9		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	62-53-3	Aniline	0.00585	mg/kg	U	42	42		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	120-12-7	Anthracene	0.00421	mg/kg		29	1728		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	92-87-5	Benzidine	0.00221	mg/kg	UJ	0.00051	0.00051		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	56-55-3	Benzo(a)anthracene	0.015	mg/kg		1.1	1.1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	50-32-8	Benzo(a)pyrene	0.0204	mg/kg		0.11	0.11		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.00972	mg/kg		1.1	173		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.0263	mg/kg					
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	65-85-0	Benzoic acid	0.0385	mg/kg	J	1	24000		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	100-51-6	Benzyl alcohol	0.00246	mg/kg	U	120	605		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0014	mg/kg	U	18	18		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00224	mg/kg	UJ	0.22	0.22		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.0293	mg/kg	U	0.02	37		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.00304	mg/kg	UJ	298	298		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	85-68-7	Butyl benzylphthalate	0.00222	mg/kg	U	90	278		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	86-74-8	Carbazole	0.00457	mg/kg	U	7.5	7.5		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	218-01-9	Chrysene	0.0163	mg/kg		1.1	106		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.000273	mg/kg	U	0.1056	0.11		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	132-64-9	Dibenzofuran	0.0014	mg/kg	J	6.1	7.5		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	84-66-2	Diethyl phthalate	0.00199	mg/kg	U	100	4896		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	131-11-3	Dimethyl phthalate	0.00129	mg/kg	U	10	37		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	84-74-2	Di-n-butylphthalate	0.0585	mg/kg	UJ	0.011	605		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	117-84-0	Di-n-octylphthalate	0.00304	mg/kg	U	0.91	60		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	206-44-0	Fluoranthene	0.0316	mg/kg		1.1	230		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	86-73-7	Fluorene	0.00246	mg/kg		29	230		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	118-74-1	Hexachlorobenzene	0.00129	mg/kg	U	0.075	0.075		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	87-68-3	Hexachlorobutadiene	0.00105	mg/kg	U	0.009	1.2		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.00165	mg/kg	UJ	0.001	0.17		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	67-72-1	Hexachloroethane	0.00222	mg/kg	U	0.024	1.7		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0111	mg/kg		1.1	1.1		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	78-59-1	Isophorone	0.00164	mg/kg	U	547	547		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	91-20-3	Naphthalene	0.000548	mg/kg	U	1.9	1.9		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	98-95-3	Nitrobenzene	0.0016	mg/kg	U	2.2	4.9		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00129	mg/kg	U	0.0019	0.0019		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00129	mg/kg	U	0.075	0.075		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.000937	mg/kg	U	0.55	106		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	85-01-8	Phenanthrene	0.0194	mg/kg		29	1728		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	108-95-2	Phenol	0.00234	mg/kg	U	0.79	1824		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	8270C	129-00-0	Pyrene	0.031	mg/kg		1.1	173		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.02358945	mg/kg					
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.135	mg/kg		1.1			
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.0335	mg/kg		29			
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	NWTPH-DX	TPH-D	Diesel Range Organics	13.4	mg/kg	U	260	1100		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	NWTPH-DX	MOIL	Residual Range Organics	26.9	mg/kg	U	260	2800		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	NWTPH-GX	TPH-G	Gasoline Range Organics	4.18	mg/kg	U	120	1200		
DSA02	723217.274	7834095.799	12/4/2001	0 - 0	SO	N	011204DSA02SS	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.00308	mg/kg	U	0.0073	0.23		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	6010	7429-90-5	Aluminum	5440	mg/kg	J	50	7392		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	6010	7440-39-3	Barium	89.6	mg/kg		330	1440		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	6010	7440-41-7	Beryllium	0.182	mg/kg	U	15	15		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	6010	7440-70-2	Calcium	3430	mg/kg					
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	6010	7440-47-3	Chromium	10.6	mg/kg	J	0.29	0.29		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	6010	7440-48-4	Cobalt	8.75	mg/kg		2.2	2.2		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	6010	7440-50-8	Copper	26.8	mg/kg		28	298		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	6010	7439-89-6	Iron	16800	mg/kg	J	5280	5280		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	6010	7439-95-4	Magnesium	4350	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	6010	7439-96-5	Manganese	234	mg/kg	J	173	173		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	6010	7440-02-0	Nickel	13.6	mg/kg	J	38	134		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	6010	7440-09-7	Potassium	445	mg/kg	J				
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	6010	7440-23-5	Sodium	163	mg/kg	U				
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	6010	7440-62-2	Vanadium	39.4	mg/kg		7.8	37		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	6010	7440-66-6	Zinc	46.1	mg/kg		46	2208		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	6020	7440-36-0	Antimony	3.38	mg/kg	U	0.27	3		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	6020	7440-38-2	Arsenic	5.75	mg/kg		0.43	0.43		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	6020	7440-43-9	Cadmium	1.5	mg/kg		0.36	0.68		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	6020	7439-92-1	Lead	43.8	mg/kg	J	11	192		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	6020	7782-49-2	Selenium	0.435	mg/kg	U	0.52	37		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	6020	7440-22-4	Silver	0.198	mg/kg	J	4.2	37		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	6020	7440-28-0	Thallium	0.229	mg/kg	J	0.05	0.075		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	7471	7439-97-6	Mercury	0.0325	mg/kg	J	0.013	1.1		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8081A	72-54-8	4,4'-DDD	0.000217	mg/kg	U	0.021	2.2		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8081A	72-55-9	4,4'-DDE	0.000257	mg/kg	U	0.021	1.8		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8081A	50-29-3	4,4'-DDT	0.00309	mg/kg		0.021	1.8		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8081A	309-00-2	Aldrin	0.000482	mg/kg	U	0.000085	0.031		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8081A	319-84-6	alpha-BHC	0.000347	mg/kg	U	0.0096	0.083		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8081A	319-85-7	beta-BHC	0.000473	mg/kg	U	0.0096	0.086		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8081A	319-86-8	delta-BHC	0.000429	mg/kg	UJ	0.0096	0.083		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8081A	60-57-1	Dieldrin	0.000823	mg/kg	J	0.0049	0.033		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8081A	959-98-8	Endosulfan I	0.000476	mg/kg	U	0.64	45		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8081A	33213-65-9	Endosulfan II	0.000432	mg/kg	U	0.64	45		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8081A	1031-07-8	Endosulfan sulfate	0.000406	mg/kg	U	0.64	36		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8081A	72-20-8	Endrin	0.000403	mg/kg	UJ	0.0014	1.8		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8081A	7421-93-4	Endrin aldehyde	0.000455	mg/kg	U	0.0014	1.8		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8081A	53494-70-5	Endrin ketone	0.000314	mg/kg	U	0.0014	1.8		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8081A	58-89-9	gamma-BHC (Lindane)	0.000427	mg/kg	U	0.0096	0.49		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8081A	76-44-8	Heptachlor	0.000385	mg/kg	U	0.0016	0.11		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8081A	1024-57-3	Heptachlor epoxide	0.000408	mg/kg	U	0.00015	0.055		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8081A	72-43-5	Methoxychlor	0.00154	mg/kg	U	5.1	31		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8081A	12789-03-6	technical-Chlordane	0.00157	mg/kg	U	0.27	1.6		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8081A	8001-35-2	Toxaphene	0.007	mg/kg	U	0.47	0.47		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8082	12674-11-2	Aroclor-1016	0.00122	mg/kg	U	0.041	0.1		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8082	11104-28-2	Aroclor-1221	0.00523	mg/kg	U	0.041	0.19		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8082	11141-16-5	Aroclor-1232	0.00418	mg/kg	U	0.041	0.16		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8082	53469-21-9	Aroclor-1242	0.00223	mg/kg	U	0.041	0.22		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8082	12672-29-6	Aroclor-1248	0.00555	mg/kg	U	0.041	0.22		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8082	11097-69-1	Aroclor-1254	0.00173	mg/kg	U	0.029	0.029		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8082	11096-82-5	Aroclor-1260	0.00223	mg/kg	J	0.041	0.23		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8151A	93-76-5	2,4,5-T	0.00154	mg/kg	U	60	60		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8151A	93-72-1	2,4,5-TP (Silvex)	0.00226	mg/kg	U	0.055	49		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8151A	94-75-7	2,4-D	0.000582	mg/kg	U	67	67		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8151A	94-82-6	2,4-DB	0.00099	mg/kg	U				
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8151A	120-36-5	2,4-DP (Dichloroprop)	0.000752	mg/kg	U				
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8151A	100-02-7	4-Nitrophenol	0.00156	mg/kg	U	5.1	1824		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8151A	75-99-0	Dalapon	0.00215	mg/kg	U	182	182		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8151A	1918-00-9	Dicamba	0.00171	mg/kg	U	182	182		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8151A	88-85-7	Dinoseb	0.000582	mg/kg	U	0.015	6		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8151A	94-74-6	MCPA	0.00106	mg/kg	U	3.1	3.1		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8151A	93-65-2	MCPP	0.00193	mg/kg	U	6	6		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8151A	87-86-5	Pentachlorophenol	0.000824	mg/kg	U	0.96	1		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.003	mg/kg	U	0.07	1.9		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	71-55-6	1,1,1-Trichloroethane	0.001	mg/kg	U	260	778		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.003	mg/kg	U	0.13	0.58		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	79-00-5	1,1,2-Trichloroethane	0.003	mg/kg	U	0.14	0.14		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	75-34-3	1,1-Dichloroethane	0.001	mg/kg	U	3.5	3.5		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	75-35-4	1,1-Dichloroethene	0.002	mg/kg	U	11	22		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	563-58-6	1,1-Dichloropropene	0.001	mg/kg	U	0.001	1.7		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.003	mg/kg	U	6	6		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	96-18-4	1,2,3-Trichloropropane	0.003	mg/kg	U	0.0049	0.0049		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.002	mg/kg	U	0.09	29		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.003	mg/kg	U	0.0051	0.0051		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.003	mg/kg	U	0.035	0.035		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	107-06-2	1,2-Dichloroethane	0.001	mg/kg	U	0.44	0.44		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	78-87-5	1,2-Dichloropropane	0.001	mg/kg	U	0.28	1.5		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.002	mg/kg	U	0.16	26		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	142-28-9	1,3-Dichloropropane	0.003	mg/kg	U	0.28	154		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	106-46-7	1,4-Dichlorobenzene	0.002	mg/kg	U	0.89	2.5		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	594-20-7	2,2-Dichloropropane	0.002	mg/kg	U	0.28	1.5		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	95-49-8	2-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	591-78-6	2-Hexanone	0.01	mg/kg	UJ	0.36	19		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	106-43-4	4-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	67-64-1	Acetone	0.015	mg/kg	U	1.2	6720		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	71-43-2	Benzene	0.002	mg/kg	U	1.2	1.2		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	108-86-1	Bromobenzene	0.002	mg/kg	U	28	28		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	74-97-5	Bromochloromethane	0.001	mg/kg	U	3.4	3.4		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	75-27-4	Bromodichloromethane	0.001	mg/kg	U	0.28	0.28		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	75-25-2	Bromoform	0.003	mg/kg	U	0.07	18		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	74-83-9	Bromomethane	0.008	mg/kg	U	0.002	0.65		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	75-15-0	Carbon disulfide	0.003	mg/kg	U	0.81	74		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	56-23-5	Carbon tetrachloride	0.001	mg/kg	U	0.62	0.62		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	108-90-7	Chlorobenzene	0.002	mg/kg	U	2.4	27		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	75-00-3	Chloroethane	0.002	mg/kg	U	518	518		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	67-66-3	Chloroform	0.001	mg/kg	U	0.31	0.31		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	74-87-3	Chloromethane	0.003	mg/kg	U	11	11		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.002	mg/kg	U	6	6		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.001	mg/kg	U	0.001	1.7		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	124-48-1	Dibromochloromethane	0.001	mg/kg	U	3.7	3.7		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	74-95-3	Dibromomethane	0.001	mg/kg	U	2.304	2.3		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	75-71-8	Dichlorodifluoromethane	0.001	mg/kg	U	8.4	8.4		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	100-41-4	Ethylbenzene	0.002	mg/kg	U	0.27	5.6		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	98-82-8	Isopropylbenzene	0.002	mg/kg	U	0.04	182		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	179601-23-1	m,p-Xylene	0.003	mg/kg	U	1.4	53		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	78-93-3	MEK (2-Butanone)	0.015	mg/kg	U	350	2592		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	75-09-2	Methylene chloride	0.003	mg/kg	U	2.6	34		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.01	mg/kg	U	9.7	3168		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	104-51-8	n-Butylbenzene	0.002	mg/kg	U	374	374		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	103-65-1	n-Propylbenzene	0.002	mg/kg	U	365	365		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	95-47-6	o-Xylene	0.002	mg/kg	U	1.4	61		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	99-87-6	p-Cymene	0.002	mg/kg	U	0.18	182		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	135-98-8	sec-Butylbenzene	0.002	mg/kg	U	749	749		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	100-42-5	Styrene	0.002	mg/kg	U	1.2	576		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	98-06-6	tert-Butylbenzene	0.002	mg/kg	U	749	749		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	127-18-4	Tetrachloroethene	0.002	mg/kg	U	0.18	7.8		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	108-88-3	Toluene	0.002	mg/kg	U	23	470		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.002	mg/kg	U	6.7	6.7		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.003	mg/kg	U	0.001	1.7		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	79-01-6	Trichloroethene	0.002	mg/kg	U	0.39	0.39		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	75-69-4	Trichlorofluoromethane	0.002	mg/kg	U	52	2208		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	108-05-4	Vinyl acetate	0.005	mg/kg	U	87	87		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8260B	75-01-4	Vinyl chloride	0.002	mg/kg	U	0.057	0.057		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	120-82-1	1,2,4-Trichlorobenzene	0.00109	mg/kg	U	0.27	5.6		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	95-50-1	1,2-Dichlorobenzene	0.00135	mg/kg	U	0.92	173		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	541-73-1	1,3-Dichlorobenzene	0.00184	mg/kg	U	0.74	2.5		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.00236	mg/kg	U	4	605		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.00174	mg/kg	UJ	6	6		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	120-83-2	2,4-Dichlorophenol	0.00144	mg/kg	U	0.05	18		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	105-67-9	2,4-Dimethylphenol	0.00144	mg/kg	U	0.04	125		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	51-28-5	2,4-Dinitrophenol	0.00315	mg/kg	U	0.061	12		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	121-14-2	2,4-Dinitrotoluene	0.0017	mg/kg	U	1.6	1.6		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00236	mg/kg	UJ	0.3456	0.35		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	91-58-7	2-Chloronaphthalene	0.000393	mg/kg	U	461	461		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	95-57-8	2-Chlorophenol	0.00197	mg/kg	U	0.39	37		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	91-57-6	2-Methylnaphthalene	0.000205	mg/kg	U	23	23		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	95-48-7	2-Methylphenol	0.00157	mg/kg	U	0.67	307		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	88-74-4	2-Nitroaniline	0.0017	mg/kg	U	5.3	60		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	88-75-5	2-Nitrophenol	0.00184	mg/kg	U	5.1	1824		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00144	mg/kg	U	0.03	1.2		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	99-09-2	3-Nitroaniline	0.00223	mg/kg	U	0.02	60		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00485	mg/kg	U	0.49	0.49		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00174	mg/kg	U				
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.00144	mg/kg	U	605	605		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	106-47-8	4-Chloroaniline	0.00122	mg/kg	U	1	2.6		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.0022	mg/kg	U				
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	106-44-5	4-Methylphenol	0.00194	mg/kg	U	0.08	125		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	100-01-6	4-Nitroaniline	0.00223	mg/kg	U	0.02	24		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	83-32-9	Acenaphthene	0.000649	mg/kg	U	29	346		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	208-96-8	Acenaphthylene	0.00367	mg/kg		1.9	1.9		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	62-53-3	Aniline	0.00656	mg/kg	U	42	42		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	120-12-7	Anthracene	0.00525	mg/kg		29	1728		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	92-87-5	Benzidine	0.00248	mg/kg	UJ	0.00051	0.00051		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	56-55-3	Benzo(a)anthracene	0.0156	mg/kg		1.1	1.1		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	50-32-8	Benzo(a)pyrene	0.0203	mg/kg		0.11	0.11		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.000216	mg/kg	U	1.1	173		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.0358	mg/kg					
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	65-85-0	Benzoic acid	0.00446	mg/kg	U	1	24000		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	100-51-6	Benzyl alcohol	0.00275	mg/kg	U	120	605		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00157	mg/kg	U	18	18		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0025	mg/kg	UJ	0.22	0.22		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.0481	mg/kg	UJ	0.02	37		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.00341	mg/kg	UJ	298	298		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	85-68-7	Butyl benzylphthalate	0.00249	mg/kg	U	90	278		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	86-74-8	Carbazole	0.00511	mg/kg	U	7.5	7.5		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	218-01-9	Chrysene	0.0228	mg/kg		1.1	106		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.000306	mg/kg	U	0.1056	0.11		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	132-64-9	Dibenzofuran	0.00152	mg/kg	U	6.1	7.5		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	84-66-2	Diethyl phthalate	0.00223	mg/kg	U	100	4896		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	131-11-3	Dimethyl phthalate	0.00144	mg/kg	U	10	37		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	84-74-2	Di-n-butylphthalate	0.0656	mg/kg	UJ	0.011	605		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	117-84-0	Di-n-octylphthalate	0.00341	mg/kg	U	0.91	60		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	206-44-0	Fluoranthene	0.0354	mg/kg		1.1	230		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	86-73-7	Fluorene	0.00302	mg/kg		29	230		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	118-74-1	Hexachlorobenzene	0.00144	mg/kg	U	0.075	0.075		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	87-68-3	Hexachlorobutadiene	0.00118	mg/kg	U	0.009	1.2		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.00185	mg/kg	UJ	0.001	0.17		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	67-72-1	Hexachloroethane	0.00249	mg/kg	U	0.024	1.7		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0143	mg/kg		1.1	1.1		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	78-59-1	Isophorone	0.00184	mg/kg	U	547	547		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	91-20-3	Naphthalene	0.0017	mg/kg		1.9	1.9		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	98-95-3	Nitrobenzene	0.0018	mg/kg	U	2.2	4.9		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00105	mg/kg	U	0.0019	0.0019		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00144	mg/kg	U	0.075	0.075		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.00144	mg/kg	U	0.55	106		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	85-01-8	Phenanthrene	0.0218	mg/kg		29	1728		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	108-95-2	Phenol	0.00262	mg/kg	U	0.79	1824		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	8270C	129-00-0	Pyrene	0.0323	mg/kg		1.1	173		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0233356	mg/kg					
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.141	mg/kg		1.1			
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.0361	mg/kg		29			
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	NWTPH-DX	TPH-D	Diesel Range Organics	13.6	mg/kg	U	260	1100		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	NWTPH-DX	MOIL	Residual Range Organics	55.6	mg/kg		260	2800		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	NWTPH-GX	TPH-G	Gasoline Range Organics	4.43	mg/kg	U	120	1200		
DSA03	723231.532	7834084.558	12/4/2001	0 - 0	SO	N	011204DSA03SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.00396	mg/kg		0.0073	0.23		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	6010	7429-90-5	Aluminum	7310	mg/kg	J	50	7392		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	6010	7440-39-3	Barium	67.3	mg/kg		330	1440		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	6010	7440-41-7	Beryllium	0.193	mg/kg	J	15	15		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	6010	7440-70-2	Calcium	3620	mg/kg	J				
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	6010	7440-47-3	Chromium	12.2	mg/kg		0.29	0.29		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	6010	7440-48-4	Cobalt	8.45	mg/kg		2.2	2.2		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	6010	7440-50-8	Copper	21.9	mg/kg		28	298		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	6010	7439-89-6	Iron	18100	mg/kg		5280	5280		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	6010	7439-95-4	Magnesium	4140	mg/kg	J				
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	6010	7439-96-5	Manganese	235	mg/kg	J	173	173		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	6010	7440-02-0	Nickel	12.1	mg/kg		38	134		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	6010	7440-09-7	Potassium	515	mg/kg					
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	6010	7440-23-5	Sodium	139	mg/kg	U				
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	6010	7440-62-2	Vanadium	42.9	mg/kg		7.8	37		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	6010	7440-66-6	Zinc	45.9	mg/kg	J	46	2208		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	6020	7440-36-0	Antimony	1.83	mg/kg	J	0.27	3		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	6020	7440-38-2	Arsenic	3.7	mg/kg		0.43	0.43		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	6020	7440-43-9	Cadmium	0.741	mg/kg		0.36	0.68		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	6020	7439-92-1	Lead	14.8	mg/kg		11	192		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	6020	7782-49-2	Selenium	0.37	mg/kg	U	0.52	37		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	6020	7440-22-4	Silver	0.162	mg/kg	J	4.2	37		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	6020	7440-28-0	Thallium	0.105	mg/kg	J	0.05	0.075		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	7471	7439-97-6	Mercury	0.0313	mg/kg	J	0.013	1.1		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8081A	72-54-8	4,4'-DDD	0.000201	mg/kg	U	0.021	2.2		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8081A	72-55-9	4,4'-DDE	0.000604	mg/kg	J	0.021	1.8		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8081A	50-29-3	4,4'-DDT	0.00439	mg/kg		0.021	1.8		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8081A	309-00-2	Aldrin	0.000446	mg/kg	U	0.000085	0.031		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8081A	319-84-6	alpha-BHC	0.000321	mg/kg	U	0.0096	0.083		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8081A	319-85-7	beta-BHC	0.000438	mg/kg	U	0.0096	0.086		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8081A	319-86-8	delta-BHC	0.000397	mg/kg	UJ	0.0096	0.083		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8081A	60-57-1	Dieldrin	0.000428	mg/kg	J	0.0049	0.033		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8081A	959-98-8	Endosulfan I	0.000441	mg/kg	U	0.64	45		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8081A	33213-65-9	Endosulfan II	0.0004	mg/kg	U	0.64	45		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8081A	1031-07-8	Endosulfan sulfate	0.0003769	mg/kg	U	0.64	36		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8081A	72-20-8	Endrin	0.000373	mg/kg	UJ	0.0014	1.8		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8081A	7421-93-4	Endrin aldehyde	0.00202	mg/kg	J	0.0014	1.8		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8081A	53494-70-5	Endrin ketone	0.000291	mg/kg	U	0.0014	1.8		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8081A	58-89-9	gamma-BHC (Lindane)	0.000395	mg/kg	U	0.0096	0.49		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8081A	76-44-8	Heptachlor	0.000356	mg/kg	U	0.0016	0.11		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8081A	1024-57-3	Heptachlor epoxide	0.000378	mg/kg	U	0.00015	0.055		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8081A	72-43-5	Methoxychlor	0.00142	mg/kg	U	5.1	31		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8081A	12789-03-6	technical-Chlordane	0.00146	mg/kg	U	0.27	1.6		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8081A	8001-35-2	Toxaphene	0.00648	mg/kg	U	0.47	0.47		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8082	12674-11-2	Aroclor-1016	0.00124	mg/kg	U	0.041	0.1		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8082	11104-28-2	Aroclor-1221	0.00529	mg/kg	U	0.041	0.19		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8082	11141-16-5	Aroclor-1232	0.00422	mg/kg	U	0.041	0.16		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8082	53469-21-9	Aroclor-1242	0.00226	mg/kg	U	0.041	0.22		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8082	12672-29-6	Aroclor-1248	0.00562	mg/kg	U	0.041	0.22		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8082	11097-69-1	Aroclor-1254	0.00175	mg/kg	U	0.029	0.029		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8082	11096-82-5	Aroclor-1260	0.00208	mg/kg	J	0.041	0.23		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8151A	93-76-5	2,4,5-T	0.0015	mg/kg	U	60	60		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8151A	93-72-1	2,4,5-TP (Silvex)	0.0022	mg/kg	U	0.055	49		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8151A	94-75-7	2,4-D	0.00568	mg/kg	U	67	67		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8151A	94-82-6	2,4-DB	0.000568	mg/kg	U				
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8151A	120-36-5	2,4-DP (Dichloroprop)	0.000733	mg/kg	U				
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8151A	100-02-7	4-Nitrophenol	0.00152	mg/kg	U	5.1	1824		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8151A	75-99-0	Dalapon	0.0021	mg/kg	U	182	182		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8151A	1918-00-9	Dicamba	0.00167	mg/kg	U	182	182		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8151A	88-85-7	Dinoseb	0.000568	mg/kg	U	0.015	6		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8151A	94-74-6	MCPA	0.00104	mg/kg	U	3.1	3.1		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8151A	93-65-2	MCPP	0.00188	mg/kg	U	6	6		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8151A	87-86-5	Pentachlorophenol	0.000803	mg/kg	U	0.96	1		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.003	mg/kg	U	0.07	1.9		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	71-55-6	1,1,1-Trichloroethane	0.001	mg/kg	U	260	778		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.003	mg/kg	U	0.13	0.58		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	79-00-5	1,1,2-Trichloroethane	0.003	mg/kg	U	0.14	0.14		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	75-34-3	1,1-Dichloroethane	0.001	mg/kg	U	3.5	3.5		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	75-35-4	1,1-Dichloroethene	0.002	mg/kg	U	11	22		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	563-58-6	1,1-Dichloropropene	0.001	mg/kg	U	0.001	1.7		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.002	mg/kg	U	6	6		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	96-18-4	1,2,3-Trichloropropane	0.003	mg/kg	U	0.0049	0.0049		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.002	mg/kg	U	0.09	29		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.003	mg/kg	U	0.0051	0.0051		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.003	mg/kg	U	0.035	0.035		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	107-06-2	1,2-Dichloroethane	0.001	mg/kg	U	0.44	0.44		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	78-87-5	1,2-Dichloropropane	0.001	mg/kg	U	0.28	1.5		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.002	mg/kg	U	0.16	26		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	142-28-9	1,3-Dichloropropane	0.003	mg/kg	U	0.28	154		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	106-46-7	1,4-Dichlorobenzene	0.002	mg/kg	U	0.89	2.5		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	594-20-7	2,2-Dichloropropane	0.002	mg/kg	U	0.28	1.5		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	95-49-8	2-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	591-78-6	2-Hexanone	0.01	mg/kg	UJ	0.36	19		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	106-43-4	4-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	67-64-1	Acetone	0.015	mg/kg	U	1.2	6720		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	71-43-2	Benzene	0.002	mg/kg	U	1.2	1.2		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	108-86-1	Bromobenzene	0.002	mg/kg	U	28	28		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	74-97-5	Bromochloromethane	0.001	mg/kg	U	3.4	3.4		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	75-27-4	Bromodichloromethane	0.001	mg/kg	U	0.28	0.28		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	75-25-2	Bromoform	0.003	mg/kg	U	0.07	18		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	74-83-9	Bromomethane	0.008	mg/kg	U	0.002	0.65		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	75-15-0	Carbon disulfide	0.003	mg/kg	U	0.81	74		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	56-23-5	Carbon tetrachloride	0.001	mg/kg	U	0.62	0.62		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	108-90-7	Chlorobenzene	0.002	mg/kg	U	2.4	27		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	75-00-3	Chloroethane	0.002	mg/kg	U	518	518		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	67-66-3	Chloroform	0.001	mg/kg	U	0.31	0.31		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	74-87-3	Chloromethane	0.003	mg/kg	U	11	11		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.002	mg/kg	U	6	6		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.001	mg/kg	U	0.001	1.7		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	124-48-1	Dibromochloromethane	0.001	mg/kg	U	3.7	3.7		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	74-95-3	Dibromomethane	0.001	mg/kg	U	2.304	2.3		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	75-71-8	Dichlorodifluoromethane	0.001	mg/kg	U	8.4	8.4		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	100-41-4	Ethylbenzene	0.002	mg/kg	U	0.27	5.6		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	98-82-8	Isopropylbenzene	0.002	mg/kg	U	0.04	182		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	179601-23-1	m,p-Xylene	0.003	mg/kg	U	1.4	53		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	78-93-3	MEK (2-Butanone)	0.015	mg/kg	U	350	2592		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	75-09-2	Methylene chloride	0.003	mg/kg	U	2.6	34		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.01	mg/kg	U	9.7	3168		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	104-51-8	n-Butylbenzene	0.002	mg/kg	U	374	374		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	103-65-1	n-Propylbenzene	0.002	mg/kg	U	365	365		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	95-47-6	o-Xylene	0.002	mg/kg	U	1.4	61		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	99-87-6	p-Cymene	0.002	mg/kg	U	0.18	182		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	135-98-8	sec-Butylbenzene	0.002	mg/kg	U	749	749		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	100-42-5	Styrene	0.002	mg/kg	U	1.2	576		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	98-06-6	tert-Butylbenzene	0.002	mg/kg	U	749	749		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	127-18-4	Tetrachloroethene	0.002	mg/kg	U	0.18	7.8		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	108-88-3	Toluene	0.002	mg/kg	U	23	470		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.002	mg/kg	U	6.7	6.7		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.003	mg/kg	U	0.001	1.7		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	79-01-6	Trichloroethene	0.002	mg/kg	U	0.39	0.39		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	75-69-4	Trichlorofluoromethane	0.002	mg/kg	U	52	2208		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	108-05-4	Vinyl acetate	0.005	mg/kg	U	87	87		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8260B	75-01-4	Vinyl chloride	0.002	mg/kg	U	0.057	0.057		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	120-82-1	1,2,4-Trichlorobenzene	0.00117	mg/kg	U	0.27	5.6		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	95-50-1	1,2-Dichlorobenzene	0.00146	mg/kg	U	0.92	173		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	541-73-1	1,3-Dichlorobenzene	0.00198	mg/kg	U	0.74	2.5		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.00254	mg/kg	U	4	605		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.00188	mg/kg	UJ	6	6		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	120-83-2	2,4-Dichlorophenol	0.00156	mg/kg	U	0.05	18		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	105-67-9	2,4-Dimethylphenol	0.00156	mg/kg	U	0.04	125		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	51-28-5	2,4-Dinitrophenol	0.00339	mg/kg	U	0.061	12		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00184	mg/kg	U	1.6	1.6		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00254	mg/kg	UJ	0.3456	0.35		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	91-58-7	2-Chloronaphthalene	0.000424	mg/kg	U	461	461		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	95-57-8	2-Chlorophenol	0.00212	mg/kg	U	0.39	37		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	91-57-6	2-Methylnaphthalene	0.000221	mg/kg	U	23	23		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	95-48-7	2-Methylphenol	0.0017	mg/kg	U	0.67	307		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	88-74-4	2-Nitroaniline	0.00184	mg/kg	U	5.3	60		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	88-75-5	2-Nitrophenol	0.00198	mg/kg	U	5.1	1824		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00156	mg/kg	U	0.03	1.2		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	99-09-2	3-Nitroaniline	0.0024	mg/kg	U	0.02	60		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00523	mg/kg	U	0.49	0.49		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00188	mg/kg	U				
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.00156	mg/kg	U	605	605		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	106-47-8	4-Chloroaniline	0.00131	mg/kg	U	1	2.6		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00237	mg/kg	U				
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	106-44-5	4-Methylphenol	0.00209	mg/kg	U	0.08	125		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	100-01-6	4-Nitroaniline	0.0024	mg/kg	U	0.02	24		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	83-32-9	Acenaphthene	0.0007	mg/kg	U	29	346		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	208-96-8	Acenaphthylene	0.000616	mg/kg	U	1.9	1.9		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	62-53-3	Aniline	0.00707	mg/kg	U	42	42		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	120-12-7	Anthracene	0.000356	mg/kg	U	29	1728		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	92-87-5	Benzidine	0.00267	mg/kg	UJ	0.00051	0.00051		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	56-55-3	Benzo(a)anthracene	0.00396	mg/kg		1.1	1.1		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	50-32-8	Benzo(a)pyrene	0.00749	mg/kg		0.11	0.11		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.000233	mg/kg	U	1.1	173		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.0102	mg/kg					
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	65-85-0	Benzoic acid	0.0506	mg/kg	J	1	24000		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	100-51-6	Benzyl alcohol	0.00297	mg/kg	U	120	605		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0017	mg/kg	U	18	18		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0027	mg/kg	UJ	0.22	0.22		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.0353	mg/kg	U	0.02	37		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.00368	mg/kg	UJ	298	298		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	85-68-7	Butyl benzylphthalate	0.00269	mg/kg	U	90	278		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	86-74-8	Carbazole	0.00551	mg/kg	U	7.5	7.5		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	218-01-9	Chrysene	0.00636	mg/kg		1.1	106		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.000329	mg/kg	U	0.1056	0.11		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	132-64-9	Dibenzofuran	0.00164	mg/kg	U	6.1	7.5		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	84-66-2	Diethyl phthalate	0.0024	mg/kg	U	100	4896		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	131-11-3	Dimethyl phthalate	0.00156	mg/kg	U	10	37		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	84-74-2	Di-n-butylphthalate	0.0707	mg/kg	UJ	0.011	605		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	117-84-0	Di-n-octylphthalate	0.00368	mg/kg	U	0.91	60		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	206-44-0	Fluoranthene	0.01	mg/kg		1.1	230		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	86-73-7	Fluorene	0.00066	mg/kg	U	29	230		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	118-74-1	Hexachlorobenzene	0.00156	mg/kg	U	0.075	0.075		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	87-68-3	Hexachlorobutadiene	0.00127	mg/kg	U	0.009	1.2		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.00199	mg/kg	UJ	0.001	0.17		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	67-72-1	Hexachloroethane	0.00269	mg/kg	U	0.024	1.7		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.00368	mg/kg		1.1	1.1		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	78-59-1	Isophorone	0.00198	mg/kg	U	547	547		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	91-20-3	Naphthalene	0.000662	mg/kg	U	1.9	1.9		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	98-95-3	Nitrobenzene	0.00194	mg/kg	U	2.2	4.9		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00156	mg/kg	U	0.0019	0.0019		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00156	mg/kg	U	0.075	0.075		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.00113	mg/kg	U	0.55	106		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	85-01-8	Phenanthrene	0.0058	mg/kg		29	1728		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	108-95-2	Phenol	0.00283	mg/kg	U	0.79	1824		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	8270C	129-00-0	Pyrene	0.01	mg/kg		1.1	173		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	##############	mg/kg					
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.042	mg/kg		1.1			
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.00879	mg/kg		29			
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	NWTPH-DX	TPH-D	Diesel Range Organics	13.1	mg/kg	U	260	1100		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	NWTPH-DX	MOIL	Residual Range Organics	34.7	mg/kg	J	260	2800		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	NWTPH-GX	TPH-G	Gasoline Range Organics	4.26	mg/kg	U	120	1200		
DSA04	723211.65	7834083.118	12/4/2001	0 - 0	SO	N	011204DSA04SS	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.00383	mg/kg		0.0073	0.23		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	6010	7429-90-5	Aluminum	5840	mg/kg	J	50	7392		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	6010	7440-39-3	Barium	27.7	mg/kg		330	1440		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	6010	7440-41-7	Beryllium	0.169	mg/kg	U	15	15		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	6010	7440-70-2	Calcium	4180	mg/kg	J				
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	6010	7440-47-3	Chromium	54.1	mg/kg		0.29	0.29		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	6010	7440-48-4	Cobalt	12.7	mg/kg		2.2	2.2		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	6010	7440-50-8	Copper	27.4	mg/kg		28	298		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	6010	7439-89-6	Iron	28600	mg/kg		5280	5280		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	6010	7439-95-4	Magnesium	6150	mg/kg	J				
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	6010	7439-96-5	Manganese	289	mg/kg	J	173	173		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	6010	7440-02-0	Nickel	23.5	mg/kg		38	134		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	6010	7440-09-7	Potassium	348	mg/kg	J				
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	6010	7440-23-5	Sodium	152	mg/kg	U				
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	6010	7440-62-2	Vanadium	69	mg/kg		7.8	37		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	6010	7440-66-6	Zinc	85.3	mg/kg	J	46	2208		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	6020	7440-36-0	Antimony	1.65	mg/kg	J	0.27	3		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	6020	7440-38-2	Arsenic	6.74	mg/kg		0.43	0.43		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	6020	7440-43-9	Cadmium	0.779	mg/kg		0.36	0.68		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	6020	7439-92-1	Lead	29.9	mg/kg		11	192		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	6020	7782-49-2	Selenium	0.405	mg/kg	U	0.52	37		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	6020	7440-22-4	Silver	0.119	mg/kg	J	4.2	37		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	6020	7440-28-0	Thallium	0.0691	mg/kg	J	0.05	0.075		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	7471	7439-97-6	Mercury	0.0525	mg/kg		0.013	1.1		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8081A	72-54-8	4,4'-DDD	0.000185	mg/kg	U	0.021	2.2		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8081A	72-55-9	4,4'-DDE	0.000219	mg/kg	U	0.021	1.8		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8081A	50-29-3	4,4'-DDT	0.000478	mg/kg	J	0.021	1.8		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8081A	309-00-2	Aldrin	0.00041	mg/kg	U	0.000085	0.031		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8081A	319-84-6	alpha-BHC	0.000295	mg/kg	U	0.0096	0.083		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8081A	319-85-7	beta-BHC	0.000402	mg/kg	U	0.0096	0.086		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8081A	319-86-8	delta-BHC	0.000365	mg/kg	UJ	0.0096	0.083		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8081A	60-57-1	Dieldrin	0.000312	mg/kg	U	0.0049	0.033		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8081A	959-98-8	Endosulfan I	0.000405	mg/kg	U	0.64	45		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8081A	33213-65-9	Endosulfan II	0.000367	mg/kg	U	0.64	45		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8081A	1031-07-8	Endosulfan sulfate	0.000346	mg/kg	U	0.64	36		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8081A	72-20-8	Endrin	0.000343	mg/kg	UJ	0.0014	1.8		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8081A	7421-93-4	Endrin aldehyde	0.000387	mg/kg	U	0.0014	1.8		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8081A	53494-70-5	Endrin ketone	0.000367	mg/kg	U	0.0014	1.8		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8081A	58-89-9	gamma-BHC (Lindane)	0.000363	mg/kg	U	0.0096	0.49		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8081A	76-44-8	Heptachlor	0.000327	mg/kg	U	0.0016	0.11		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8081A	1024-57-3	Heptachlor epoxide	0.000347	mg/kg	U	0.00015	0.055		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8081A	72-43-5	Methoxychlor	0.00131	mg/kg	U	5.1	31		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8081A	12789-03-6	technical-Chlordane	0.00134	mg/kg	U	0.27	1.6		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8081A	8001-35-2	Toxaphene	0.00595	mg/kg	U	0.47	0.47		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8082	12674-11-2	Aroclor-1016	0.00108	mg/kg	U	0.041	0.1		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8082	11104-28-2	Aroclor-1221	0.00463	mg/kg	U	0.041	0.19		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8082	11141-16-5	Aroclor-1232	0.00369	mg/kg	U	0.041	0.16		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8082	53469-21-9	Aroclor-1242	0.00197	mg/kg	U	0.041	0.22		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8082	12672-29-6	Aroclor-1248	0.00491	mg/kg	U	0.041	0.22		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8082	11097-69-1	Aroclor-1254	0.00153	mg/kg	U	0.029	0.029		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8082	11096-82-5	Aroclor-1260	0.00779	mg/kg	J	0.041	0.23		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8151A	93-76-5	2,4,5-T	0.00126	mg/kg	U	60	60		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8151A	93-72-1	2,4,5-TP (Silvex)	0.00184	mg/kg	U	0.055	49		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8151A	94-75-7	2,4-D	0.000476	mg/kg	U	67	67		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8151A	94-82-6	2,4-DB	0.000809	mg/kg	U				
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8151A	120-36-5	2,4-DP (Dichloroprop)	0.000614	mg/kg	U				
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8151A	100-02-7	4-Nitrophenol	0.00127	mg/kg	U	5.1	1824		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8151A	75-99-0	Dalapon	0.00176	mg/kg	U	182	182		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8151A	1918-00-9	Dicamba	0.0014	mg/kg	U	182	182		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8151A	88-85-7	Dinoseb	0.000476	mg/kg	U	0.015	6		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8151A	94-74-6	MCPA	0.000868	mg/kg	U	3.1	3.1		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8151A	93-65-2	MCPP	0.00158	mg/kg	U	6	6		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8151A	87-86-5	Pentachlorophenol	0.000673	mg/kg	U	0.96	1		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.003	mg/kg	U	0.07	1.9		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	71-55-6	1,1,1-Trichloroethane	0.001	mg/kg	U	260	778		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.003	mg/kg	U	0.13	0.58		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	79-00-5	1,1,2-Trichloroethane	0.003	mg/kg	U	0.14	0.14		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	75-34-3	1,1-Dichloroethane	0.001	mg/kg	U	3.5	3.5		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	75-35-4	1,1-Dichloroethene	0.002	mg/kg	U	11	22		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	563-58-6	1,1-Dichloropropene	0.001	mg/kg	U	0.001	1.7		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.002	mg/kg	U	6	6		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	96-18-4	1,2,3-Trichloropropane	0.003	mg/kg	U	0.0049	0.0049		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.002	mg/kg	U	0.09	29		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.003	mg/kg	U	0.0051	0.0051		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.003	mg/kg	U	0.035	0.035		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	107-06-2	1,2-Dichloroethane	0.001	mg/kg	U	0.44	0.44		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	78-87-5	1,2-Dichloropropane	0.001	mg/kg	U	0.28	1.5		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.002	mg/kg	U	0.16	26		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	142-28-9	1,3-Dichloropropane	0.003	mg/kg	U	0.28	154		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	106-46-7	1,4-Dichlorobenzene	0.002	mg/kg	U	0.89	2.5		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	594-20-7	2,2-Dichloropropane	0.002	mg/kg	U	0.28	1.5		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	95-49-8	2-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	591-78-6	2-Hexanone	0.01	mg/kg	UJ	0.36	19		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	106-43-4	4-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	67-64-1	Acetone	0.015	mg/kg	U	1.2	6720		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	71-43-2	Benzene	0.002	mg/kg	U	1.2	1.2		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	108-86-1	Bromobenzene	0.002	mg/kg	U	28	28		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	74-97-5	Bromochloromethane	0.001	mg/kg	U	3.4	3.4		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	75-27-4	Bromodichloromethane	0.001	mg/kg	U	0.28	0.28		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	75-25-2	Bromoform	0.003	mg/kg	U	0.07	18		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	74-83-9	Bromomethane	0.008	mg/kg	U	0.002	0.65		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	75-15-0	Carbon disulfide	0.003	mg/kg	U	0.81	74		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	56-23-5	Carbon tetrachloride	0.001	mg/kg	U	0.62	0.62		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	108-90-7	Chlorobenzene	0.002	mg/kg	U	2.4	27		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	75-00-3	Chloroethane	0.002	mg/kg	U	518	518		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	67-66-3	Chloroform	0.001	mg/kg	U	0.31	0.31		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	74-87-3	Chloromethane	0.003	mg/kg	U	11	11		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.002	mg/kg	U	6	6		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.001	mg/kg	U	0.001	1.7		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	124-48-1	Dibromochloromethane	0.001	mg/kg	U	3.7	3.7		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	74-95-3	Dibromomethane	0.001	mg/kg	U	2.304	2.3		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	75-71-8	Dichlorodifluoromethane	0.001	mg/kg	U	8.4	8.4		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	100-41-4	Ethylbenzene	0.002	mg/kg	U	0.27	5.6		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	98-82-8	Isopropylbenzene	0.002	mg/kg	U	0.04	182		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	179601-23-1	m,p-Xylene	0.003	mg/kg	U	1.4	53		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	78-93-3	MEK (2-Butanone)	0.015	mg/kg	U	350	2592		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	75-09-2	Methylene chloride	0.003	mg/kg	U	2.6	34		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.01	mg/kg	U	9.7	3168		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	104-51-8	n-Butylbenzene	0.002	mg/kg	U	374	374		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	103-65-1	n-Propylbenzene	0.002	mg/kg	U	365	365		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	95-47-6	o-Xylene	0.002	mg/kg	U	1.4	61		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	99-87-6	p-Cymene	0.002	mg/kg	U	0.18	182		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	135-98-8	sec-Butylbenzene	0.002	mg/kg	U	749	749		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	100-42-5	Styrene	0.002	mg/kg	U	1.2	576		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	98-06-6	tert-Butylbenzene	0.002	mg/kg	U	749	749		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	127-18-4	Tetrachloroethene	0.002	mg/kg	U	0.18	7.8		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	108-88-3	Toluene	0.002	mg/kg	U	23	470		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.002	mg/kg	U	6.7	6.7		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.003	mg/kg	U	0.001	1.7		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	79-01-6	Trichloroethene	0.002	mg/kg	U	0.39	0.39		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	75-69-4	Trichlorofluoromethane	0.002	mg/kg	U	52	2208		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	108-05-4	Vinyl acetate	0.005	mg/kg	U	87	87		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8260B	75-01-4	Vinyl chloride	0.002	mg/kg	U	0.057	0.057		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	120-82-1	1,2,4-Trichlorobenzene	0.00116	mg/kg	U	0.27	5.6		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	95-50-1	1,2-Dichlorobenzene	0.00143	mg/kg	U	0.92	173		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	541-73-1	1,3-Dichlorobenzene	0.00195	mg/kg	U	0.74	2.5		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.00251	mg/kg	U	4	605		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.00185	mg/kg	UJ	6	6		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	120-83-2	2,4-Dichlorophenol	0.00153	mg/kg	U	0.05	18		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	105-67-9	2,4-Dimethylphenol	0.00153	mg/kg	U	0.04	125		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	51-28-5	2,4-Dinitrophenol	0.00334	mg/kg	U	0.061	12		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00181	mg/kg	U	1.6	1.6		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00251	mg/kg	UJ	0.3456	0.35		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	91-58-7	2-Chloronaphthalene	0.000418	mg/kg	U	461	461		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	95-57-8	2-Chlorophenol	0.00209	mg/kg	U	0.39	37		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	91-57-6	2-Methylnaphthalene	0.000217	mg/kg	U	23	23		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	95-48-7	2-Methylphenol	0.00167	mg/kg	U	0.67	307		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	88-74-4	2-Nitroaniline	0.00181	mg/kg	U	5.3	60		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	88-75-5	2-Nitrophenol	0.00195	mg/kg	U	5.1	1824		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00153	mg/kg	U	0.03	1.2		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	99-09-2	3-Nitroaniline	0.00237	mg/kg	U	0.02	60		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00515	mg/kg	U	0.49	0.49		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00185	mg/kg	U				
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.00153	mg/kg	U	605	605		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	106-47-8	4-Chloroaniline	0.0013	mg/kg	U	1	2.6		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00234	mg/kg	U				
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	106-44-5	4-Methylphenol	0.00206	mg/kg	U	0.08	125		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	100-01-6	4-Nitroaniline	0.00237	mg/kg	U	0.02	24		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	83-32-9	Acenaphthene	0.00446	mg/kg		29	346		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	208-96-8	Acenaphthylene	0.000607	mg/kg	U	1.9	1.9		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	62-53-3	Aniline	0.00696	mg/kg	U	42	42		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	120-12-7	Anthracene	0.00919	mg/kg		29	1728		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	92-87-5	Benzidine	0.00263	mg/kg	UJ	0.00051	0.00051		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	56-55-3	Benzo(a)anthracene	0.0666	mg/kg		1.1	1.1		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	50-32-8	Benzo(a)pyrene	0.151	mg/kg		0.11	0.11		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.107	mg/kg		1.1	173		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.175	mg/kg					
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	65-85-0	Benzoic acid	0.0408	mg/kg	J	1	24000		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	100-51-6	Benzyl alcohol	0.00292	mg/kg	U	120	605		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00167	mg/kg	U	18	18		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00266	mg/kg	UJ	0.22	0.22		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	1.04	mg/kg		0.02	37		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.00362	mg/kg	UJ	298	298		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	85-68-7	Butyl benzylphthalate	0.00905	mg/kg	J	90	278		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	86-74-8	Carbazole	0.00543	mg/kg	U	7.5	7.5		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	218-01-9	Chrysene	0.0684	mg/kg		1.1	106		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.0258	mg/kg		0.1056	0.11		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	132-64-9	Dibenzofuran	0.00167	mg/kg	J	6.1	7.5		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	84-66-2	Diethyl phthalate	0.00237	mg/kg	U	100	4896		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	131-11-3	Dimethyl phthalate	0.00153	mg/kg	U	10	37		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	84-74-2	Di-n-butylphthalate	0.141	mg/kg	UJ	0.011	605		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	117-84-0	Di-n-octylphthalate	0.00362	mg/kg	U	0.91	60		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	206-44-0	Fluoranthene	0.0759	mg/kg		1.1	230		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	86-73-7	Fluorene	0.00306	mg/kg		29	230		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	118-74-1	Hexachlorobenzene	0.00153	mg/kg	U	0.075	0.075		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	87-68-3	Hexachlorobutadiene	0.00125	mg/kg	U	0.009	1.2		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.00196	mg/kg	UJ	0.001	0.17		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	67-72-1	Hexachloroethane	0.00265	mg/kg	U	0.024	1.7		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0978	mg/kg		1.1	1.1		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	78-59-1	Isophorone	0.00195	mg/kg	U	547	547		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	91-20-3	Naphthalene	0.00195	mg/kg		1.9	1.9		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	98-95-3	Nitrobenzene	0.00191	mg/kg	U	2.2	4.9		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00153	mg/kg	U	0.0019	0.0019		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00153	mg/kg	U	0.075	0.075		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.00111	mg/kg	U	0.55	106		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	85-01-8	Phenanthrene	0.0313	mg/kg		29	1728		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	108-95-2	Phenol	0.00279	mg/kg	U	0.79	1824		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	8270C	129-00-0	Pyrene	0.0838	mg/kg		1.1	173		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.1933084	mg/kg					
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.676	mg/kg		1.1			
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.0506	mg/kg		29			
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	NWTPH-DX	TPH-D	Diesel Range Organics	13.5	mg/kg	U	260	1100		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	NWTPH-DX	MOIL	Residual Range Organics	28	mg/kg	J	260	2800		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	NWTPH-GX	TPH-G	Gasoline Range Organics	4.03	mg/kg	U	120	1200		
DSA05	723205.555	7834117.956	12/4/2001	0 - 0	SO	N	011204DSA05SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.00932	mg/kg		0.0073	0.23		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	6010	7429-90-5	Aluminum	5860	mg/kg	J	50	7392		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	6010	7440-39-3	Barium	63.9	mg/kg		330	1440		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	6010	7440-41-7	Beryllium	0.179	mg/kg	J	15	15		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	6010	7440-70-2	Calcium	4940	mg/kg	J				
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	6010	7440-47-3	Chromium	8.3	mg/kg		0.29	0.29		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	6010	7440-48-4	Cobalt	11.1	mg/kg		2.2	2.2		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	6010	7440-50-8	Copper	24.9	mg/kg		28	298		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	6010	7439-89-6	Iron	20600	mg/kg		5280	5280		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	6010	7439-95-4	Magnesium	2980	mg/kg	J				
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	6010	7439-96-5	Manganese	367	mg/kg	J	173	173		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	6010	7440-02-0	Nickel	6.81	mg/kg		38	134		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	6010	7440-09-7	Potassium	822	mg/kg					
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	6010	7440-23-5	Sodium	149	mg/kg	U				
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	6010	7440-62-2	Vanadium	41.6	mg/kg		7.8	37		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	6010	7440-66-6	Zinc	53.7	mg/kg	J	46	2208		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	6020	7440-36-0	Antimony	3.08	mg/kg	U	0.27	3		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	6020	7440-38-2	Arsenic	8.19	mg/kg		0.43	0.43		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	6020	7440-43-9	Cadmium	1.05	mg/kg		0.36	0.68		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	6020	7439-92-1	Lead	37.6	mg/kg		11	192		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	6020	7782-49-2	Selenium	0.478	mg/kg	J	0.52	37		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	6020	7440-22-4	Silver	0.155	mg/kg	J	4.2	37		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	6020	7440-28-0	Thallium	0.0913	mg/kg	J	0.05	0.075		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	7471	7439-97-6	Mercury	0.0306	mg/kg	U	0.013	1.1		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8081A	72-54-8	4,4'-DDD	0.000219	mg/kg	U	0.021	2.2		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8081A	72-55-9	4,4'-DDE	0.00026	mg/kg	U	0.021	1.8		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8081A	50-29-3	4,4'-DDT	0.000292	mg/kg	U	0.021	1.8		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8081A	309-00-2	Aldrin	0.000487	mg/kg	U	0.000085	0.031		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8081A	319-84-6	alpha-BHC	0.00035	mg/kg	U	0.0096	0.083		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8081A	319-85-7	beta-BHC	0.000477	mg/kg	U	0.0096	0.086		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8081A	319-86-8	delta-BHC	0.000433	mg/kg	U	0.0096	0.083		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8081A	60-57-1	Dieldrin	0.00037	mg/kg	U	0.0049	0.033		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8081A	959-98-8	Endosulfan I	0.00048	mg/kg	U	0.64	45		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8081A	33213-65-9	Endosulfan II	0.000436	mg/kg	U	0.64	45		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8081A	1031-07-8	Endosulfan sulfate	0.00041	mg/kg	U	0.64	36		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8081A	72-20-8	Endrin	0.000407	mg/kg	U	0.0014	1.8		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8081A	7421-93-4	Endrin aldehyde	0.00046	mg/kg	U	0.0014	1.8		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8081A	53494-70-5	Endrin ketone	0.000317	mg/kg	U	0.0014	1.8		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8081A	58-89-9	gamma-BHC (Lindane)	0.000431	mg/kg	U	0.0096	0.49		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8081A	76-44-8	Heptachlor	0.000388	mg/kg	U	0.0016	0.11		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8081A	1024-57-3	Heptachlor epoxide	0.000412	mg/kg	U	0.00015	0.055		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8081A	72-43-5	Methoxychlor	0.00155	mg/kg	U	5.1	31		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8081A	12789-03-6	technical-Chlordane	0.00159	mg/kg	U	0.27	1.6		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8081A	8001-35-2	Toxaphene	0.00707	mg/kg	U	0.47	0.47		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8082	12674-11-2	Aroclor-1016	0.00122	mg/kg	U	0.041	0.1		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8082	11104-28-2	Aroclor-1221	0.00522	mg/kg	U	0.041	0.19		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8082	11141-16-5	Aroclor-1232	0.00417	mg/kg	U	0.041	0.16		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8082	53469-21-9	Aroclor-1242	0.00223	mg/kg	U	0.041	0.22		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8082	12672-29-6	Aroclor-1248	0.00554	mg/kg	U	0.041	0.22		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8082	11097-69-1	Aroclor-1254	0.00173	mg/kg	U	0.029	0.029		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8082	11096-82-5	Aroclor-1260	0.0168	mg/kg		0.041	0.23		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8151A	93-76-5	2,4,5-T	0.00152	mg/kg	U	60	60		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8151A	93-72-1	2,4,5-TP (Silvex)	0.00222	mg/kg	U	0.055	49		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8151A	94-75-7	2,4-D	0.000573	mg/kg	U	67	67		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8151A	94-82-6	2,4-DB	0.000974	mg/kg	U				
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8151A	120-36-5	2,4-DP (Dichloroprop)	0.00074	mg/kg	U				
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8151A	100-02-7	4-Nitrophenol	0.00153	mg/kg	U	5.1	1824		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8151A	75-99-0	Dalapon	0.00212	mg/kg	U	182	182		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8151A	1918-00-9	Dicamba	0.00169	mg/kg	U	182	182		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8151A	88-85-7	Dinoseb	0.000573	mg/kg	U	0.015	6		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8151A	94-74-6	MCPA	0.00105	mg/kg	U	3.1	3.1		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8151A	93-65-2	MCPP	0.0019	mg/kg	U	6	6		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8151A	87-86-5	Pentachlorophenol	0.00081	mg/kg	U	0.96	1		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.003	mg/kg	U	0.07	1.9		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	71-55-6	1,1,1-Trichloroethane	0.001	mg/kg	U	260	778		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.003	mg/kg	U	0.13	0.58		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	79-00-5	1,1,2-Trichloroethane	0.003	mg/kg	U	0.14	0.14		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	75-34-3	1,1-Dichloroethane	0.001	mg/kg	U	3.5	3.5		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	75-35-4	1,1-Dichloroethene	0.002	mg/kg	U	11	22		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	563-58-6	1,1-Dichloropropene	0.001	mg/kg	U	0.001	1.7		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.002	mg/kg	U	6	6		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	96-18-4	1,2,3-Trichloropropane	0.003	mg/kg	U	0.0049	0.0049		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.002	mg/kg	U	0.09	29		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.003	mg/kg	U	0.0051	0.0051		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.003	mg/kg	U	0.035	0.035		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	107-06-2	1,2-Dichloroethane	0.001	mg/kg	U	0.44	0.44		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	78-87-5	1,2-Dichloropropane	0.001	mg/kg	U	0.28	1.5		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.002	mg/kg	U	0.16	26		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	541-73-1	1,3-Dichlorobenzene	0.002	mg/kg	U	0.74	2.5		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	142-28-9	1,3-Dichloropropane	0.003	mg/kg	U	0.28	154		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	106-46-7	1,4-Dichlorobenzene	0.002	mg/kg	U	0.89	2.5		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	594-20-7	2,2-Dichloropropane	0.002	mg/kg	U	0.28	1.5		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	95-49-8	2-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	591-78-6	2-Hexanone	0.01	mg/kg	UJ	0.36	19		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	106-43-4	4-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	67-64-1	Acetone	0.015	mg/kg	U	1.2	6720		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	71-43-2	Benzene	0.002	mg/kg	U	1.2	1.2		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	108-86-1	Bromobenzene	0.002	mg/kg	U	28	28		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	74-97-5	Bromochloromethane	0.001	mg/kg	U	3.4	3.4		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	75-27-4	Bromodichloromethane	0.001	mg/kg	U	0.28	0.28		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	75-25-2	Bromoform	0.003	mg/kg	U	0.07	18		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	74-83-9	Bromomethane	0.008	mg/kg	U	0.002	0.65		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	75-15-0	Carbon disulfide	0.003	mg/kg	U	0.81	74		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	56-23-5	Carbon tetrachloride	0.001	mg/kg	U	0.62	0.62		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	108-90-7	Chlorobenzene	0.002	mg/kg	U	2.4	27		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	75-00-3	Chloroethane	0.002	mg/kg	U	518	518		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	67-66-3	Chloroform	0.001	mg/kg	U	0.31	0.31		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	74-87-3	Chloromethane	0.003	mg/kg	U	11	11		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.002	mg/kg	U	6	6		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.001	mg/kg	U	0.001	1.7		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	124-48-1	Dibromochloromethane	0.001	mg/kg	U	3.7	3.7		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	74-95-3	Dibromomethane	0.001	mg/kg	U	2.304	2.3		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	75-71-8	Dichlorodifluoromethane	0.001	mg/kg	U	8.4	8.4		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	100-41-4	Ethylbenzene	0.002	mg/kg	U	0.27	5.6		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	98-82-8	Isopropylbenzene	0.002	mg/kg	U	0.04	182		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	179601-23-1	m,p-Xylene	0.003	mg/kg	U	1.4	53		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	78-93-3	MEK (2-Butanone)	0.015	mg/kg	U	350	2592		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	75-09-2	Methylene chloride	0.003	mg/kg	U	2.6	34		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.01	mg/kg	U	9.7	3168		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	104-51-8	n-Butylbenzene	0.002	mg/kg	U	374	374		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	103-65-1	n-Propylbenzene	0.002	mg/kg	U	365	365		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	95-47-6	o-Xylene	0.002	mg/kg	U	1.4	61		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	99-87-6	p-Cymene	0.002	mg/kg	U	0.18	182		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	135-98-8	sec-Butylbenzene	0.002	mg/kg	U	749	749		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	100-42-5	Styrene	0.002	mg/kg	U	1.2	576		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	98-06-6	tert-Butylbenzene	0.002	mg/kg	U	749	749		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	127-18-4	Tetrachloroethene	0.002	mg/kg	U	0.18	7.8		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	108-88-3	Toluene	0.002	mg/kg	U	23	470		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.002	mg/kg	U	6.7	6.7		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.003	mg/kg	U	0.001	1.7		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	79-01-6	Trichloroethene	0.002	mg/kg	U	0.39	0.39		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	75-69-4	Trichlorofluoromethane	0.002	mg/kg	U	52	2208		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	108-05-4	Vinyl acetate	0.005	mg/kg	U	87	87		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8260B	75-01-4	Vinyl chloride	0.002	mg/kg	U	0.057	0.057		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	120-82-1	1,2,4-Trichlorobenzene	0.00124	mg/kg	U	0.27	5.6		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	95-50-1	1,2-Dichlorobenzene	0.00154	mg/kg	U	0.92	173		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.00268	mg/kg	U	4	605		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.00198	mg/kg	UJ	6	6		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	120-83-2	2,4-Dichlorophenol	0.00164	mg/kg	U	0.05	18		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	105-67-9	2,4-Dimethylphenol	0.00164	mg/kg	U	0.04	125		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	51-28-5	2,4-Dinitrophenol	0.00358	mg/kg	U	0.061	12		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00194	mg/kg	U	1.6	1.6		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00268	mg/kg	UJ	0.3456	0.35		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	91-58-7	2-Chloronaphthalene	0.000447	mg/kg	U	461	461		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	95-57-8	2-Chlorophenol	0.00224	mg/kg	U	0.39	37		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	91-57-6	2-Methylnaphthalene	0.00298	mg/kg		23	23		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	95-48-7	2-Methylphenol	0.00179	mg/kg	U	0.67	307		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	88-74-4	2-Nitroaniline	0.00194	mg/kg	U	5.3	60		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	88-75-5	2-Nitrophenol	0.00209	mg/kg	U	5.1	1824		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00164	mg/kg	U	0.03	1.2		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	99-09-2	3-Nitroaniline	0.00253	mg/kg	U	0.02	60		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00552	mg/kg	U	0.49	0.49		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00198	mg/kg	U				
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.00164	mg/kg	U	605	605		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	106-47-8	4-Chloroaniline	0.00139	mg/kg	U	1	2.6		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.0025	mg/kg	U				
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	106-44-5	4-Methylphenol	0.00221	mg/kg	U	0.08	125		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	100-01-6	4-Nitroaniline	0.00253	mg/kg	U	0.02	24		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	83-32-9	Acenaphthene	0.000738	mg/kg	U	29	346		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	208-96-8	Acenaphthylene	0.00065	mg/kg	U	1.9	1.9		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	62-53-3	Aniline	0.00745	mg/kg	U	42	42		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	120-12-7	Anthracene	0.0113	mg/kg		29	1728		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	92-87-5	Benzidine	0.00282	mg/kg	UJ	0.00051	0.00051		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	56-55-3	Benzo(a)anthracene	0.0295	mg/kg		1.1	1.1		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	50-32-8	Benzo(a)pyrene	0.0435	mg/kg		0.11	0.11		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.000246	mg/kg	U	1.1	173		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.0742	mg/kg					
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	65-85-0	Benzoic acid	0.0267	mg/kg	J	1	24000		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	100-51-6	Benzyl alcohol	0.00313	mg/kg	U	120	605		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00179	mg/kg	U	18	18		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00285	mg/kg	UJ	0.22	0.22		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.16	mg/kg	UJ	0.02	37		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.00388	mg/kg	UJ	298	298		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	85-68-7	Butyl benzylphthalate	0.00283	mg/kg	U	90	278		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	86-74-8	Carbazole	0.00581	mg/kg	U	7.5	7.5		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	218-01-9	Chrysene	0.0459	mg/kg		1.1	106		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.000347	mg/kg	U	0.1056	0.11		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	132-64-9	Dibenzofuran	0.00224	mg/kg	J	6.1	7.5		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	84-66-2	Diethyl phthalate	0.00253	mg/kg	U	100	4896		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	131-11-3	Dimethyl phthalate	0.00164	mg/kg	U	10	37		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	84-74-2	Di-n-butylphthalate	0.13	mg/kg	UJ	0.011	605		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	117-84-0	Di-n-octylphthalate	0.00388	mg/kg	U	0.91	60		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	206-44-0	Fluoranthene	0.0629	mg/kg		1.1	230		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	86-73-7	Fluorene	0.00701	mg/kg		29	230		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	118-74-1	Hexachlorobenzene	0.00164	mg/kg	U	0.075	0.075		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	87-68-3	Hexachlorobutadiene	0.00134	mg/kg	U	0.009	1.2		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.0021	mg/kg	UJ	0.001	0.17		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	67-72-1	Hexachloroethane	0.00283	mg/kg	U	0.024	1.7		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.000347	mg/kg	U	1.1	1.1		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	78-59-1	Isophorone	0.00209	mg/kg	U	547	547		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	91-20-3	Naphthalene	0.00417	mg/kg		1.9	1.9		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	98-95-3	Nitrobenzene	0.00204	mg/kg	U	2.2	4.9		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00164	mg/kg	U	0.0019	0.0019		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00164	mg/kg	U	0.075	0.075		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.00119	mg/kg	U	0.55	106		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	85-01-8	Phenanthrene	0.0498	mg/kg		29	1728		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	108-95-2	Phenol	0.00298	mg/kg	U	0.79	1824		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	8270C	129-00-0	Pyrene	0.0686	mg/kg		1.1	173		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0465877	mg/kg					
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.251	mg/kg		1.1			
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.0736	mg/kg		29			
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	NWTPH-DX	TPH-D	Diesel Range Organics	21	mg/kg	J	260	1100		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	NWTPH-DX	MOIL	Residual Range Organics	125	mg/kg		260	2800		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	NWTPH-GX	TPH-G	Gasoline Range Organics	4.55	mg/kg	U	120	1200		
DSA06	723228.496	7834088.944	12/4/2001	0 - 0	SO	N	011204DSA06SS	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0185	mg/kg		0.0073	0.23		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	6010	7429-90-5	Aluminum	5180	mg/kg	J	50	7392		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	6010	7440-39-3	Barium	73.4	mg/kg		330	1440		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	6010	7440-41-7	Beryllium	0.16	mg/kg	U	15	15		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	6010	7440-70-2	Calcium	2910	mg/kg	J				
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	6010	7440-47-3	Chromium	12.8	mg/kg		0.29	0.29		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	6010	7440-48-4	Cobalt	9.09	mg/kg		2.2	2.2		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	6010	7440-50-8	Copper	54.9	mg/kg		28	298		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	6010	7439-89-6	Iron	18500	mg/kg		5280	5280		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	6010	7439-95-4	Magnesium	2310	mg/kg	J				
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	6010	7439-96-5	Manganese	259	mg/kg	J	173	173		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	6010	7440-02-0	Nickel	6.22	mg/kg		38	134		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	6010	7440-09-7	Potassium	751	mg/kg					
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	6010	7440-23-5	Sodium	143	mg/kg	U				
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	6010	7440-62-2	Vanadium	37.9	mg/kg		7.8	37		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	6010	7440-66-6	Zinc	32.6	mg/kg	J	46	2208		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	6020	7440-36-0	Antimony	2.96	mg/kg	U	0.27	3		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	6020	7440-38-2	Arsenic	53.7	mg/kg		0.43	0.43		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	6020	7440-43-9	Cadmium	0.676	mg/kg		0.36	0.68		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	6020	7439-92-1	Lead	8.58	mg/kg		11	192		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	6020	7782-49-2	Selenium	0.381	mg/kg	U	0.52	37		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	6020	7440-22-4	Silver	0.103	mg/kg	J	4.2	37		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	6020	7440-28-0	Thallium	0.117	mg/kg	J	0.05	0.075		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	7471	7439-97-6	Mercury	0.0616	mg/kg		0.013	1.1		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8081A	72-54-8	4,4'-DDD	0.000201	mg/kg	U	0.021	2.2		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8081A	72-55-9	4,4'-DDE	0.000238	mg/kg	U	0.021	1.8		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8081A	50-29-3	4,4'-DDT	0.000268	mg/kg	U	0.021	1.8		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8081A	309-00-2	Aldrin	0.000446	mg/kg	U	0.000085	0.031		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8081A	319-84-6	alpha-BHC	0.000321	mg/kg	U	0.0096	0.083		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8081A	319-85-7	beta-BHC	0.000438	mg/kg	U	0.0096	0.086		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8081A	319-86-8	delta-BHC	0.000397	mg/kg	U	0.0096	0.083		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8081A	60-57-1	Dieldrin	0.000339	mg/kg	U	0.0049	0.033		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8081A	959-98-8	Endosulfan I	0.00044	mg/kg	U	0.64	45		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8081A	33213-65-9	Endosulfan II	0.0004	mg/kg	U	0.64	45		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8081A	1031-07-8	Endosulfan sulfate	0.000376	mg/kg	U	0.64	36		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8081A	72-20-8	Endrin	0.000373	mg/kg	U	0.0014	1.8		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8081A	7421-93-4	Endrin aldehyde	0.000422	mg/kg	U	0.0014	1.8		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8081A	53494-70-5	Endrin ketone	0.000291	mg/kg	U	0.0014	1.8		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8081A	58-89-9	gamma-BHC (Lindane)	0.000395	mg/kg	U	0.0096	0.49		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8081A	76-44-8	Heptachlor	0.000356	mg/kg	U	0.0016	0.11		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8081A	1024-57-3	Heptachlor epoxide	0.000378	mg/kg	U	0.00015	0.055		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8081A	72-43-5	Methoxychlor	0.00142	mg/kg	U	5.1	31		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8081A	12789-03-6	technical-Chlordane	0.00146	mg/kg	U	0.27	1.6		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8081A	8001-35-2	Toxaphene	0.00648	mg/kg	U	0.47	0.47		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8082	12674-11-2	Aroclor-1016	0.00114	mg/kg	U	0.041	0.1		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8082	11104-28-2	Aroclor-1221	0.00487	mg/kg	U	0.041	0.19		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8082	11141-16-5	Aroclor-1232	0.00389	mg/kg	U	0.041	0.16		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8082	53469-21-9	Aroclor-1242	0.00208	mg/kg	U	0.041	0.22		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8082	12672-29-6	Aroclor-1248	0.00517	mg/kg	U	0.041	0.22		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8082	11097-69-1	Aroclor-1254	0.00161	mg/kg	U	0.029	0.029		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8082	11096-82-5	Aroclor-1260	0.00161	mg/kg	U	0.041	0.23		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8151A	93-76-5	2,4,5-T	0.00134	mg/kg	U	60	60		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8151A	93-72-1	2,4,5-TP (Silvex)	0.00196	mg/kg	U	0.055	49		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8151A	94-75-7	2,4-D	0.000506	mg/kg	U	67	67		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8151A	94-82-6	2,4-DB	0.00086	mg/kg	U				
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8151A	120-36-5	2,4-DP (Dichloroprop)	0.000653	mg/kg	U				
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8151A	100-02-7	4-Nitrophenol	0.00135	mg/kg	U	5.1	1824		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8151A	75-99-0	Dalapon	0.00187	mg/kg	U	182	182		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8151A	1918-00-9	Dicamba	0.00149	mg/kg	U	182	182		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8151A	88-85-7	Dinoseb	0.000506	mg/kg	U	0.015	6		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8151A	94-74-6	MCPA	0.000923	mg/kg	U	3.1	3.1		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8151A	93-65-2	MCPP	0.00168	mg/kg	U	6	6		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8151A	87-86-5	Pentachlorophenol	0.000715	mg/kg	U	0.96	1		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.003	mg/kg	U	0.07	1.9		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	71-55-6	1,1,1-Trichloroethane	0.001	mg/kg	U	260	778		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.003	mg/kg	U	0.13	0.58		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	79-00-5	1,1,2-Trichloroethane	0.003	mg/kg	U	0.14	0.14		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	75-34-3	1,1-Dichloroethane	0.001	mg/kg	U	3.5	3.5		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	75-35-4	1,1-Dichloroethene	0.002	mg/kg	U	11	22		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	563-58-6	1,1-Dichloropropene	0.001	mg/kg	U	0.001	1.7		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.002	mg/kg	U	6	6		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	96-18-4	1,2,3-Trichloropropane	0.003	mg/kg	U	0.0049	0.0049		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.002	mg/kg	U	0.09	29		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.003	mg/kg	U	0.0051	0.0051		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.003	mg/kg	U	0.035	0.035		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	107-06-2	1,2-Dichloroethane	0.001	mg/kg	U	0.44	0.44		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	78-87-5	1,2-Dichloropropane	0.001	mg/kg	U	0.28	1.5		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.002	mg/kg	U	0.16	26		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	142-28-9	1,3-Dichloropropane	0.003	mg/kg	U	0.28	154		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	106-46-7	1,4-Dichlorobenzene	0.002	mg/kg	U	0.89	2.5		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	594-20-7	2,2-Dichloropropane	0.002	mg/kg	U	0.28	1.5		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	95-49-8	2-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	591-78-6	2-Hexanone	0.01	mg/kg	UJ	0.36	19		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	106-43-4	4-Chlorotoluene	0.002	mg/kg	U	154	154		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	67-64-1	Acetone	0.015	mg/kg	U	1.2	6720		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	71-43-2	Benzene	0.002	mg/kg	U	1.2	1.2		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	108-86-1	Bromobenzene	0.002	mg/kg	U	28	28		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	74-97-5	Bromochloromethane	0.001	mg/kg	U	3.4	3.4		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	75-27-4	Bromodichloromethane	0.001	mg/kg	U	0.28	0.28		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	75-25-2	Bromoform	0.003	mg/kg	U	0.07	18		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	74-83-9	Bromomethane	0.008	mg/kg	U	0.002	0.65		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	75-15-0	Carbon disulfide	0.003	mg/kg	U	0.81	74		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	56-23-5	Carbon tetrachloride	0.001	mg/kg	U	0.62	0.62		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	108-90-7	Chlorobenzene	0.002	mg/kg	U	2.4	27		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	75-00-3	Chloroethane	0.002	mg/kg	U	518	518		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	67-66-3	Chloroform	0.001	mg/kg	U	0.31	0.31		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	74-87-3	Chloromethane	0.003	mg/kg	U	11	11		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.002	mg/kg	U	6	6		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.001	mg/kg	U	0.001	1.7		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	124-48-1	Dibromochloromethane	0.001	mg/kg	U	3.7	3.7		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	74-95-3	Dibromomethane	0.001	mg/kg	U	2.304	2.3		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	75-71-8	Dichlorodifluoromethane	0.001	mg/kg	U	8.4	8.4		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	100-41-4	Ethylbenzene	0.002	mg/kg	U	0.27	5.6		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	98-82-8	Isopropylbenzene	0.002	mg/kg	U	0.04	182		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	179601-23-1	m,p-Xylene	0.003	mg/kg	U	1.4	53		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	78-93-3	MEK (2-Butanone)	0.015	mg/kg	U	350	2592		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	75-09-2	Methylene chloride	0.003	mg/kg	U	2.6	34		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.01	mg/kg	U	9.7	3168		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	104-51-8	n-Butylbenzene	0.002	mg/kg	U	374	374		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	103-65-1	n-Propylbenzene	0.002	mg/kg	U	365	365		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	95-47-6	o-Xylene	0.002	mg/kg	U	1.4	61		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	99-87-6	p-Cymene	0.002	mg/kg	U	0.18	182		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	135-98-8	sec-Butylbenzene	0.002	mg/kg	U	749	749		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	100-42-5	Styrene	0.002	mg/kg	U	1.2	576		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	98-06-6	tert-Butylbenzene	0.002	mg/kg	U	749	749		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	127-18-4	Tetrachloroethene	0.002	mg/kg	U	0.18	7.8		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	108-88-3	Toluene	0.002	mg/kg	U	23	470		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.002	mg/kg	U	6.7	6.7		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.003	mg/kg	U	0.001	1.7		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	79-01-6	Trichloroethene	0.002	mg/kg	U	0.39	0.39		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	75-69-4	Trichlorofluoromethane	0.002	mg/kg	U	52	2208		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	108-05-4	Vinyl acetate	0.005	mg/kg	U	87	87		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8260B	75-01-4	Vinyl chloride	0.002	mg/kg	U	0.057	0.057		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	120-82-1	1,2,4-Trichlorobenzene	0.00108	mg/kg	U	0.27	5.6		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	95-50-1	1,2-Dichlorobenzene	0.00134	mg/kg	U	0.92	173		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	541-73-1	1,3-Dichlorobenzene	0.00182	mg/kg	U	0.74	2.5		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.00234	mg/kg	U	4	605		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.00173	mg/kg	UJ	6	6		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	120-83-2	2,4-Dichlorophenol	0.00143	mg/kg	U	0.05	18		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	105-67-9	2,4-Dimethylphenol	0.00143	mg/kg	U	0.04	125		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	51-28-5	2,4-Dinitrophenol	0.00312	mg/kg	U	0.061	12		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00169	mg/kg	U	1.6	1.6		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00234	mg/kg	UJ	0.3456	0.35		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	91-58-7	2-Chloronaphthalene	0.00039	mg/kg	U	461	461		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	95-57-8	2-Chlorophenol	0.00195	mg/kg	U	0.39	37		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	91-57-6	2-Methylnaphthalene	0.000203	mg/kg	U	23	23		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	95-48-7	2-Methylphenol	0.00156	mg/kg	U	0.67	307		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	88-74-4	2-Nitroaniline	0.00169	mg/kg	U	5.3	60		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	88-75-5	2-Nitrophenol	0.00182	mg/kg	U	5.1	1824		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00143	mg/kg	U	0.03	1.2		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	99-09-2	3-Nitroaniline	0.00221	mg/kg	U	0.02	60		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00481	mg/kg	U	0.49	0.49		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00173	mg/kg	U				
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.00143	mg/kg	U	605	605		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	106-47-8	4-Chloroaniline	0.00121	mg/kg	U	1	2.6		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00219	mg/kg	U				
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	106-44-5	4-Methylphenol	0.00193	mg/kg	U	0.08	125		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	100-01-6	4-Nitroaniline	0.00221	mg/kg	U	0.02	24		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	83-32-9	Acenaphthene	0.0026	mg/kg		29	346		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	208-96-8	Acenaphthylene	0.000567	mg/kg	U	1.9	1.9		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	62-53-3	Aniline	0.0065	mg/kg	U	42	42		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	120-12-7	Anthracene	0.00208	mg/kg		29	1728		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	92-87-5	Benzidine	0.00246	mg/kg	UJ	0.00051	0.00051		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	56-55-3	Benzo(a)anthracene	0.00728	mg/kg		1.1	1.1		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	50-32-8	Benzo(a)pyrene	0.014	mg/kg		0.11	0.11		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.00689	mg/kg		1.1	173		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.0178	mg/kg					
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	65-85-0	Benzoic acid	0.00442	mg/kg	U	1	24000		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	100-51-6	Benzyl alcohol	0.00273	mg/kg	U	120	605		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00156	mg/kg	U	18	18		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00248	mg/kg	UJ	0.22	0.22		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.0325	mg/kg	U	0.02	37		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.00338	mg/kg	UJ	298	298		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	85-68-7	Butyl benzylphthalate	0.00247	mg/kg	U	90	278		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	86-74-8	Carbazole	0.00507	mg/kg	U	7.5	7.5		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	218-01-9	Chrysene	0.00989	mg/kg		1.1	106		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.000303	mg/kg	U	0.1056	0.11		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	132-64-9	Dibenzofuran	0.00151	mg/kg	U	6.1	7.5		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	84-66-2	Diethyl phthalate	0.00221	mg/kg	U	100	4896		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	131-11-3	Dimethyl phthalate	0.00143	mg/kg	U	10	37		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	84-74-2	Di-n-butylphthalate	0.065	mg/kg	UJ	0.011	605		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	117-84-0	Di-n-octylphthalate	0.00338	mg/kg	U	0.91	60		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	206-44-0	Fluoranthene	0.019	mg/kg		1.1	230		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	86-73-7	Fluorene	0.00169	mg/kg		29	230		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	118-74-1	Hexachlorobenzene	0.00143	mg/kg	U	0.075	0.075		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	87-68-3	Hexachlorobutadiene	0.00117	mg/kg	U	0.009	1.2		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.00183	mg/kg	UJ	0.001	0.17		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	67-72-1	Hexachloroethane	0.00247	mg/kg	U	0.024	1.7		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.00702	mg/kg		1.1	1.1		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	78-59-1	Isophorone	0.00182	mg/kg	U	547	547		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	91-20-3	Naphthalene	0.000609	mg/kg	U	1.9	1.9		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	98-95-3	Nitrobenzene	0.00178	mg/kg	U	2.2	4.9		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00143	mg/kg	U	0.0019	0.0019		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00143	mg/kg	U	0.075	0.075		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.00104	mg/kg	U	0.55	106		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	85-01-8	Phenanthrene	0.0113	mg/kg		29	1728		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	108-95-2	Phenol	0.0026	mg/kg	U	0.79	1824		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	8270C	129-00-0	Pyrene	0.0212	mg/kg		1.1	173		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	##############	mg/kg					
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.0856	mg/kg		1.1			
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.0188	mg/kg		29			
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	NWTPH-DX	TPH-D	Diesel Range Organics	13.5	mg/kg	J	260	1100		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	NWTPH-DX	MOIL	Residual Range Organics	26.9	mg/kg	U	260	2800		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	NWTPH-GX	TPH-G	Gasoline Range Organics	4.34	mg/kg	U	120	1200		
DSA07	723223.773	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA07SS	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.00322	mg/kg	U	0.0073	0.23		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	6010	7429-90-5	Aluminum	6020	mg/kg	J	50	7392		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	6010	7440-39-3	Barium	49.9	mg/kg		330	1440		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	6010	7440-41-7	Beryllium	0.229	mg/kg	J	15	15		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	6010	7440-70-2	Calcium	4550	mg/kg	J				
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	6010	7440-47-3	Chromium	10.1	mg/kg		0.29	0.29		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	6010	7440-48-4	Cobalt	13.5	mg/kg		2.2	2.2		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	6010	7440-50-8	Copper	21.6	mg/kg		28	298		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	6010	7439-89-6	Iron	25300	mg/kg		5280	5280		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	6010	7439-95-4	Magnesium	3790	mg/kg	J				
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	6010	7439-96-5	Manganese	484	mg/kg	J	173	173		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	6010	7440-02-0	Nickel	7.71	mg/kg		38	134		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	6010	7440-09-7	Potassium	857	mg/kg					
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	6010	7440-23-5	Sodium	154	mg/kg	U				
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	6010	7440-62-2	Vanadium	49.4	mg/kg		7.8	37		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	6010	7440-66-6	Zinc	39.9	mg/kg	J	46	2208		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	6020	7440-36-0	Antimony	3.19	mg/kg	U	0.27	3		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	6020	7440-38-2	Arsenic	7.24	mg/kg		0.43	0.43		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	6020	7440-43-9	Cadmium	0.962	mg/kg		0.36	0.68		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	6020	7439-92-1	Lead	114	mg/kg		11	192		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	6020	7782-49-2	Selenium	0.411	mg/kg	U	0.52	37		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	6020	7440-22-4	Silver	0.145	mg/kg	J	4.2	37		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	6020	7440-28-0	Thallium	0.122	mg/kg	J	0.05	0.075		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	7471	7439-97-6	Mercury	0.0256	mg/kg	U	0.013	1.1		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8081A	72-54-8	4,4'-DDD	0.000209	mg/kg	U	0.021	2.2		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8081A	72-55-9	4,4'-DDE	0.000247	mg/kg	U	0.021	1.8		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8081A	50-29-3	4,4'-DDT	0.000278	mg/kg	U	0.021	1.8		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8081A	309-00-2	Aldrin	0.000436	mg/kg	U	0.000085	0.031		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8081A	319-84-6	alpha-BHC	0.000333	mg/kg	U	0.0096	0.083		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8081A	319-85-7	beta-BHC	0.000454	mg/kg	U	0.0096	0.086		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8081A	319-86-8	delta-BHC	0.000412	mg/kg	U	0.0096	0.083		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8081A	60-57-1	Dieldrin	0.000352	mg/kg	U	0.0049	0.033		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8081A	959-98-8	Endosulfan I	0.000457	mg/kg	U	0.64	45		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8081A	33213-65-9	Endosulfan II	0.000415	mg/kg	U	0.64	45		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8081A	1031-07-8	Endosulfan sulfate	0.00039	mg/kg	U	0.64	36		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8081A	72-20-8	Endrin	0.000387	mg/kg	U	0.0014	1.8		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8081A	7421-93-4	Endrin aldehyde	0.000437	mg/kg	U	0.0014	1.8		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8081A	53494-70-5	Endrin ketone	0.000301	mg/kg	U	0.0014	1.8		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8081A	58-89-9	gamma-BHC (Lindane)	0.00041	mg/kg	U	0.0096	0.49		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8081A	76-44-8	Heptachlor	0.000369	mg/kg	U	0.0016	0.11		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8081A	1024-57-3	Heptachlor epoxide	0.000392	mg/kg	U	0.00015	0.055		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8081A	72-43-5	Methoxychlor	0.00148	mg/kg	U	5.1	31		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8081A	12789-03-6	technical-Chlordane	0.00151	mg/kg	U	0.27	1.6		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8081A	8001-35-2	Toxaphene	0.00672	mg/kg	U	0.47	0.47		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8082	12674-11-2	Aroclor-1016	0.00109	mg/kg	U	0.041	0.1		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8082	11104-28-2	Aroclor-1221	0.00468	mg/kg	U	0.041	0.19		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8082	11141-16-5	Aroclor-1232	0.00373	mg/kg	U	0.041	0.16		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8082	53469-21-9	Aroclor-1242	0.002	mg/kg	U	0.041	0.22		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8082	12672-29-6	Aroclor-1248	0.00496	mg/kg	U	0.041	0.22		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8082	11097-69-1	Aroclor-1254	0.00155	mg/kg	U	0.029	0.029		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8082	11096-82-5	Aroclor-1260	0.00155	mg/kg	U	0.041	0.23		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8151A	93-76-5	2,4,5-T	0.00153	mg/kg	U	60	60		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8151A	93-72-1	2,4,5-TP (Silvex)	0.00224	mg/kg	U	0.055	49		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8151A	94-75-7	2,4-D	0.000579	mg/kg	U	67	67		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8151A	94-82-6	2,4-DB	0.000985	mg/kg	U				
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8151A	120-36-5	2,4-DP (Dichloroprop)	0.000748	mg/kg	U				
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8151A	100-02-7	4-Nitrophenol	0.00155	mg/kg	U	5.1	1824		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8151A	75-99-0	Dalapon	0.00214	mg/kg	U	182	182		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8151A	1918-00-9	Dicamba	0.00171	mg/kg	U	182	182		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8151A	88-85-7	Dinoseb	0.000579	mg/kg	U	0.015	6		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8151A	94-74-6	MCPA	0.00106	mg/kg	U	3.1	3.1		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8151A	93-65-2	MCPP	0.00192	mg/kg	U	6	6		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8151A	87-86-5	Pentachlorophenol	0.000819	mg/kg	U	0.96	1		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.003	mg/kg	U	0.07	1.9		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	71-55-6	1,1,1-Trichloroethane	0.001	mg/kg	U	260	778		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.003	mg/kg	U	0.13	0.58		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	79-00-5	1,1,2-Trichloroethane	0.003	mg/kg	U	0.14	0.14		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	75-34-3	1,1-Dichloroethane	0.001	mg/kg	U	3.5	3.5		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	75-35-4	1,1-Dichloroethene	0.002	mg/kg	U	11	22		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	563-58-6	1,1-Dichloropropene	0.001	mg/kg	U	0.001	1.7		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.002	mg/kg	U	6	6		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	96-18-4	1,2,3-Trichloropropane	0.003	mg/kg	U	0.0049	0.0049		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.002	mg/kg	U	0.09	29		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.003	mg/kg	U	0.0051	0.0051		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.003	mg/kg	U	0.035	0.035		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	107-06-2	1,2-Dichloroethane	0.001	mg/kg	U	0.44	0.44		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	78-87-5	1,2-Dichloropropane	0.001	mg/kg	U	0.28	1.5		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.002	mg/kg	U	0.16	26		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	142-28-9	1,3-Dichloropropane	0.003	mg/kg	U	0.28	154		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	594-20-7	2,2-Dichloropropane	0.002	mg/kg	U	0.28	1.5		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	95-49-8	2-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	591-78-6	2-Hexanone	0.01	mg/kg	UJ	0.36	19		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	106-43-4	4-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	67-64-1	Acetone	0.015	mg/kg	U	1.2	6720		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	71-43-2	Benzene	0.002	mg/kg	U	1.2	1.2		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	108-86-1	Bromobenzene	0.002	mg/kg	U	28	28		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	74-97-5	Bromochloromethane	0.001	mg/kg	U	3.4	3.4		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	75-27-4	Bromodichloromethane	0.001	mg/kg	U	0.28	0.28		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	75-25-2	Bromoform	0.003	mg/kg	U	0.07	18		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	74-83-9	Bromomethane	0.008	mg/kg	U	0.002	0.65		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	75-15-0	Carbon disulfide	0.003	mg/kg	U	0.81	74		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	56-23-5	Carbon tetrachloride	0.001	mg/kg	U	0.62	0.62		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	108-90-7	Chlorobenzene	0.002	mg/kg	U	2.4	27		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	75-00-3	Chloroethane	0.002	mg/kg	U	518	518		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	67-66-3	Chloroform	0.001	mg/kg	U	0.31	0.31		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	74-87-3	Chloromethane	0.003	mg/kg	U	11	11		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.002	mg/kg	U	6	6		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.001	mg/kg	U	0.001	1.7		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	124-48-1	Dibromochloromethane	0.001	mg/kg	U	3.7	3.7		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	74-95-3	Dibromomethane	0.001	mg/kg	U	2.304	2.3		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	75-71-8	Dichlorodifluoromethane	0.001	mg/kg	U	8.4	8.4		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	100-41-4	Ethylbenzene	0.002	mg/kg	U	0.27	5.6		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	98-82-8	Isopropylbenzene	0.002	mg/kg	U	0.04	182		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	179601-23-1	m,p-Xylene	0.003	mg/kg	U	1.4	53		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	78-93-3	MEK (2-Butanone)	0.015	mg/kg	U	350	2592		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	75-09-2	Methylene chloride	0.003	mg/kg	U	2.6	34		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.01	mg/kg	U	9.7	3168		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	104-51-8	n-Butylbenzene	0.002	mg/kg	U	374	374		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	103-65-1	n-Propylbenzene	0.002	mg/kg	U	365	365		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	95-47-6	o-Xylene	0.002	mg/kg	U	1.4	61		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	99-87-6	p-Cymene	0.002	mg/kg	U	0.18	182		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	135-98-8	sec-Butylbenzene	0.002	mg/kg	U	749	749		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	100-42-5	Styrene	0.002	mg/kg	U	1.2	576		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	98-06-6	tert-Butylbenzene	0.002	mg/kg	U	749	749		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	127-18-4	Tetrachloroethene	0.002	mg/kg	U	0.18	7.8		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	108-88-3	Toluene	0.002	mg/kg	U	23	470		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.002	mg/kg	U	6.7	6.7		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.003	mg/kg	U	0.001	1.7		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	79-01-6	Trichloroethene	0.002	mg/kg	U	0.39	0.39		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	75-69-4	Trichlorofluoromethane	0.002	mg/kg	U	52	2208		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	108-05-4	Vinyl acetate	0.005	mg/kg	U	87	87		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8260B	75-01-4	Vinyl chloride	0.002	mg/kg	U	0.057	0.057		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	120-82-1	1,2,4-Trichlorobenzene	0.00101	mg/kg	U	0.27	5.6		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	95-50-1	1,2-Dichlorobenzene	0.00126	mg/kg	U	0.92	173		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	541-73-1	1,3-Dichlorobenzene	0.00171	mg/kg	U	0.74	2.5		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	106-46-7	1,4-Dichlorobenzene	0.00195	mg/kg	U	0.89	2.5		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.0022	mg/kg	U	4	605		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.00163	mg/kg	UJ	6	6		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	120-83-2	2,4-Dichlorophenol	0.00134	mg/kg	U	0.05	18		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	105-67-9	2,4-Dimethylphenol	0.00134	mg/kg	U	0.04	125		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	51-28-5	2,4-Dinitrophenol	0.00293	mg/kg	U	0.061	12		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00159	mg/kg	U	1.6	1.6		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	606-20-2	2,6-Dinitrotoluene	0.0022	mg/kg	UJ	0.3456	0.35		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	91-58-7	2-Chloronaphthalene	0.000367	mg/kg	U	461	461		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	95-57-8	2-Chlorophenol	0.00183	mg/kg	U	0.39	37		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	91-57-6	2-Methylnaphthalene	0.000191	mg/kg	U	23	23		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	95-48-7	2-Methylphenol	0.00147	mg/kg	U	0.67	307		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	88-74-4	2-Nitroaniline	0.00159	mg/kg	U	5.3	60		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	88-75-5	2-Nitrophenol	0.00171	mg/kg	U	5.1	1824		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00134	mg/kg	U	0.03	1.2		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	99-09-2	3-Nitroaniline	0.00208	mg/kg	U	0.02	60		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00452	mg/kg	U	0.49	0.49		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00163	mg/kg	U				
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.00134	mg/kg	U	605	605		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	106-47-8	4-Chloroaniline	0.00114	mg/kg	U	1	2.6		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00205	mg/kg	U				
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	106-44-5	4-Methylphenol	0.00181	mg/kg	U	0.08	125		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	100-01-6	4-Nitroaniline	0.00208	mg/kg	U	0.02	24		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	83-32-9	Acenaphthene	0.00281	mg/kg		29	346		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	208-96-8	Acenaphthylene	0.000533	mg/kg	U	1.9	1.9		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	62-53-3	Aniline	0.00611	mg/kg	U	42	42		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	120-12-7	Anthracene	0.0022	mg/kg		29	1728		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	92-87-5	Benzidine	0.00231	mg/kg	UJ	0.00051	0.00051		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	56-55-3	Benzo(a)anthracene	0.0165	mg/kg		1.1	1.1		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	50-32-8	Benzo(a)pyrene	0.0254	mg/kg		0.11	0.11		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.0137	mg/kg		1.1	173		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.0363	mg/kg					
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	65-85-0	Benzoic acid	0.00415	mg/kg	U	1	24000		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	100-51-6	Benzyl alcohol	0.00257	mg/kg	U	120	605		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00147	mg/kg	U	18	18		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00233	mg/kg	UJ	0.22	0.22		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.0886	mg/kg	UJ	0.02	37		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.00318	mg/kg	UJ	298	298		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	85-68-7	Butyl benzylphthalate	0.00367	mg/kg	J	90	278		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	86-74-8	Carbazole	0.00477	mg/kg	U	7.5	7.5		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	218-01-9	Chrysene	0.0203	mg/kg		1.1	106		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.000285	mg/kg	U	0.1056	0.11		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	132-64-9	Dibenzofuran	0.00142	mg/kg	U	6.1	7.5		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	84-66-2	Diethyl phthalate	0.00208	mg/kg	U	100	4896		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	131-11-3	Dimethyl phthalate	0.00134	mg/kg	U	10	37		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	84-74-2	Di-n-butylphthalate	0.0611	mg/kg	UJ	0.011	605		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	117-84-0	Di-n-octylphthalate	0.00318	mg/kg	U	0.91	60		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	206-44-0	Fluoranthene	0.0272	mg/kg		1.1	230		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	86-73-7	Fluorene	0.00183	mg/kg		29	230		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	118-74-1	Hexachlorobenzene	0.00134	mg/kg	U	0.075	0.075		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	87-68-3	Hexachlorobutadiene	0.0011	mg/kg	U	0.009	1.2		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.00172	mg/kg	UJ	0.001	0.17		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	67-72-1	Hexachloroethane	0.00232	mg/kg	U	0.024	1.7		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0143	mg/kg		1.1	1.1		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	78-59-1	Isophorone	0.00171	mg/kg	U	547	547		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	91-20-3	Naphthalene	0.000572	mg/kg	U	1.9	1.9		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	98-95-3	Nitrobenzene	0.00167	mg/kg	U	2.2	4.9		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00134	mg/kg	U	0.0019	0.0019		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00134	mg/kg	U	0.075	0.075		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.000977	mg/kg	U	0.55	106		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	85-01-8	Phenanthrene	0.0136	mg/kg		29	1728		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	108-95-2	Phenol	0.00244	mg/kg	U	0.79	1824		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	8270C	129-00-0	Pyrene	0.0351	mg/kg		1.1	173		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0285206	mg/kg					
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.153	mg/kg		1.1			

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.0215	mg/kg		29			
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	NWTPH-DX	TPH-D	Diesel Range Organics	12.5	mg/kg	U	260	1100		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	NWTPH-DX	MOIL	Residual Range Organics	24.9	mg/kg	U	260	2800		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	NWTPH-GX	TPH-G	Gasoline Range Organics	4.23	mg/kg	U	120	1200		
DSA08	723216.014	7834084.221	12/4/2001	0 - 0	SO	N	011204DSA08SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0031	mg/kg	U	0.0073	0.23		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	6010	7429-90-5	Aluminum	6350	mg/kg	J	50	7392		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	6010	7440-39-3	Barium	49.6	mg/kg		330	1440		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	6010	7440-41-7	Beryllium	0.177	mg/kg	U	15	15		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	6010	7440-70-2	Calcium	4110	mg/kg	J				
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	6010	7440-47-3	Chromium	7.46	mg/kg		0.29	0.29		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	6010	7440-48-4	Cobalt	12.1	mg/kg		2.2	2.2		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	6010	7440-50-8	Copper	16	mg/kg		28	298		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	6010	7439-89-6	Iron	25200	mg/kg		5280	5280		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	6010	7439-95-4	Magnesium	4120	mg/kg	J				
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	6010	7439-96-5	Manganese	313	mg/kg	J	173	173		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	6010	7440-02-0	Nickel	5.79	mg/kg		38	134		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	6010	7440-09-7	Potassium	475	mg/kg					
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	6010	7440-23-5	Sodium	159	mg/kg	U				
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	6010	7440-62-2	Vanadium	64.2	mg/kg		7.8	37		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	6010	7440-66-6	Zinc	39.8	mg/kg	J	46	2208		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	6020	7440-36-0	Antimony	3.29	mg/kg	U	0.27	3		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	6020	7440-38-2	Arsenic	6.86	mg/kg		0.43	0.43		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	6020	7440-43-9	Cadmium	0.908	mg/kg		0.36	0.68		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	6020	7439-92-1	Lead	35.8	mg/kg		11	192		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	6020	7782-49-2	Selenium	0.423	mg/kg	U	0.52	37		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	6020	7440-22-4	Silver	0.142	mg/kg	J	4.2	37		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	6020	7440-28-0	Thallium	0.102	mg/kg	J	0.05	0.075		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	7471	7439-97-6	Mercury	0.294	mg/kg		0.013	1.1		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8081A	72-54-8	4,4'-DDD	0.000203	mg/kg	U	0.021	2.2		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8081A	72-55-9	4,4'-DDE	0.00024	mg/kg	U	0.021	1.8		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8081A	50-29-3	4,4'-DDT	0.00027	mg/kg	U	0.021	1.8		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8081A	309-00-2	Aldrin	0.00045	mg/kg	U	0.000085	0.031		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8081A	319-84-6	alpha-BHC	0.000324	mg/kg	U	0.0096	0.083		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8081A	319-85-7	beta-BHC	0.000441	mg/kg	U	0.0096	0.086		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8081A	319-86-8	delta-BHC	0.0004	mg/kg	U	0.0096	0.083		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8081A	60-57-1	Dieldrin	0.000342	mg/kg	U	0.0049	0.033		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8081A	959-98-8	Endosulfan I	0.000444	mg/kg	U	0.64	45		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8081A	33213-65-9	Endosulfan II	0.000403	mg/kg	U	0.64	45		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8081A	1031-07-8	Endosulfan sulfate	0.000379	mg/kg	U	0.64	36		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8081A	72-20-8	Endrin	0.000376	mg/kg	U	0.0014	1.8		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8081A	7421-93-4	Endrin aldehyde	0.000425	mg/kg	U	0.0014	1.8		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8081A	53494-70-5	Endrin ketone	0.000293	mg/kg	U	0.0014	1.8		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8081A	58-89-9	gamma-BHC (Lindane)	0.000398	mg/kg	U	0.0096	0.49		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8081A	76-44-8	Heptachlor	0.000359	mg/kg	U	0.0016	0.11		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8081A	1024-57-3	Heptachlor epoxide	0.000381	mg/kg	U	0.00015	0.055		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8081A	72-43-5	Methoxychlor	0.00144	mg/kg	U	5.1	31		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8081A	12789-03-6	technical-Chlordane	0.00147	mg/kg	U	0.27	1.6		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8081A	8001-35-2	Toxaphene	0.00653	mg/kg	U	0.47	0.47		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8082	12674-11-2	Aroclor-1016	0.00122	mg/kg	U	0.041	0.1		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8082	11104-28-2	Aroclor-1221	0.00521	mg/kg	U	0.041	0.19		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8082	11141-16-5	Aroclor-1232	0.00416	mg/kg	U	0.041	0.16		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8082	53469-21-9	Aroclor-1242	0.00222	mg/kg	U	0.041	0.22		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8082	12672-29-6	Aroclor-1248	0.00553	mg/kg	U	0.041	0.22		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8082	11097-69-1	Aroclor-1254	0.00173	mg/kg	U	0.029	0.029		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8082	11096-82-5	Aroclor-1260	0.00212	mg/kg	J	0.041	0.23		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8151A	93-76-5	2,4,5-T	0.00132	mg/kg	U	60	60		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8151A	93-72-1	2,4,5-TP (Silvex)	0.00193	mg/kg	U	0.055	49		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8151A	94-75-7	2,4-D	0.000499	mg/kg	U	67	67		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8151A	94-82-6	2,4-DB	0.000849	mg/kg	U				
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8151A	120-36-5	2,4-DP (Dichloroprop)	0.000645	mg/kg	U				
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8151A	100-02-7	4-Nitrophenol	0.00134	mg/kg	U	5.1	1824		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8151A	75-99-0	Dalapon	0.00185	mg/kg	U	182	182		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8151A	1918-00-9	Dicamba	0.00147	mg/kg	U	182	182		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8151A	88-85-7	Dinoseb	0.000499	mg/kg	U	0.015	6		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8151A	94-74-6	MCPA	0.000912	mg/kg	U	3.1	3.1		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8151A	93-65-2	MCPP	0.00166	mg/kg	U	6	6		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8151A	87-86-5	Pentachlorophenol	0.000706	mg/kg	U	0.96	1		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.003	mg/kg	U	0.07	1.9		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	71-55-6	1,1,1-Trichloroethane	0.001	mg/kg	U	260	778		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.003	mg/kg	U	0.13	0.58		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	79-00-5	1,1,2-Trichloroethane	0.003	mg/kg	U	0.14	0.14		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	75-34-3	1,1-Dichloroethane	0.001	mg/kg	U	3.5	3.5		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	75-35-4	1,1-Dichloroethene	0.002	mg/kg	U	11	22		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	563-58-6	1,1-Dichloropropene	0.001	mg/kg	U	0.001	1.7		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.002	mg/kg	U	6	6		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	96-18-4	1,2,3-Trichloropropane	0.003	mg/kg	U	0.0049	0.0049		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.002	mg/kg	U	0.09	29		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.003	mg/kg	U	0.0051	0.0051		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.003	mg/kg	U	0.035	0.035		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	107-06-2	1,2-Dichloroethane	0.001	mg/kg	U	0.44	0.44		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	78-87-5	1,2-Dichloropropane	0.001	mg/kg	U	0.28	1.5		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.002	mg/kg	U	0.16	26		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	541-73-1	1,3-Dichlorobenzene	0.002	mg/kg	U	0.74	2.5		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	142-28-9	1,3-Dichloropropane	0.003	mg/kg	U	0.28	154		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	106-46-7	1,4-Dichlorobenzene	0.002	mg/kg	U	0.89	2.5		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	594-20-7	2,2-Dichloropropane	0.002	mg/kg	U	0.28	1.5		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	95-49-8	2-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	591-78-6	2-Hexanone	0.01	mg/kg	UJ	0.36	19		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	106-43-4	4-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	67-64-1	Acetone	0.015	mg/kg	U	1.2	6720		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	71-43-2	Benzene	0.002	mg/kg	U	1.2	1.2		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	108-86-1	Bromobenzene	0.002	mg/kg	U	28	28		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	74-97-5	Bromochloromethane	0.001	mg/kg	U	3.4	3.4		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	75-27-4	Bromodichloromethane	0.001	mg/kg	U	0.28	0.28		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	75-25-2	Bromoform	0.003	mg/kg	U	0.07	18		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	74-83-9	Bromomethane	0.008	mg/kg	U	0.002	0.65		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	75-15-0	Carbon disulfide	0.003	mg/kg	U	0.81	74		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	56-23-5	Carbon tetrachloride	0.001	mg/kg	U	0.62	0.62		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	108-90-7	Chlorobenzene	0.002	mg/kg	U	2.4	27		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	75-00-3	Chloroethane	0.002	mg/kg	U	518	518		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	67-66-3	Chloroform	0.001	mg/kg	U	0.31	0.31		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	74-87-3	Chloromethane	0.003	mg/kg	U	11	11		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.002	mg/kg	U	6	6		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.001	mg/kg	U	0.001	1.7		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	124-48-1	Dibromochloromethane	0.001	mg/kg	U	3.7	3.7		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	74-95-3	Dibromomethane	0.001	mg/kg	U	2.304	2.3		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	75-71-8	Dichlorodifluoromethane	0.001	mg/kg	U	8.4	8.4		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	100-41-4	Ethylbenzene	0.002	mg/kg	U	0.27	5.6		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	98-82-8	Isopropylbenzene	0.002	mg/kg	U	0.04	182		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	179601-23-1	m,p-Xylene	0.003	mg/kg	U	1.4	53		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	78-93-3	MEK (2-Butanone)	0.015	mg/kg	U	350	2592		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	75-09-2	Methylene chloride	0.003	mg/kg	U	2.6	34		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.01	mg/kg	U	9.7	3168		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	104-51-8	n-Butylbenzene	0.002	mg/kg	U	374	374		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	103-65-1	n-Propylbenzene	0.002	mg/kg	U	365	365		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	95-47-6	o-Xylene	0.002	mg/kg	U	1.4	61		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	99-87-6	p-Cymene	0.002	mg/kg	U	0.18	182		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	135-98-8	sec-Butylbenzene	0.002	mg/kg	U	749	749		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	100-42-5	Styrene	0.002	mg/kg	U	1.2	576		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	98-06-6	tert-Butylbenzene	0.002	mg/kg	U	749	749		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	127-18-4	Tetrachloroethene	0.002	mg/kg	U	0.18	7.8		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	108-88-3	Toluene	0.002	mg/kg	U	23	470		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.002	mg/kg	U	6.7	6.7		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.003	mg/kg	U	0.001	1.7		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	79-01-6	Trichloroethene	0.002	mg/kg	U	0.39	0.39		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	75-69-4	Trichlorofluoromethane	0.002	mg/kg	U	52	2208		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	108-05-4	Vinyl acetate	0.005	mg/kg	U	87	87		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8260B	75-01-4	Vinyl chloride	0.002	mg/kg	U	0.057	0.057		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	120-82-1	1,2,4-Trichlorobenzene	0.0012	mg/kg	U	0.27	5.6		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	95-50-1	1,2-Dichlorobenzene	0.00149	mg/kg	U	0.92	173		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.0026	mg/kg	U	4	605		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.00192	mg/kg	UJ	6	6		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	120-83-2	2,4-Dichlorophenol	0.00159	mg/kg	U	0.05	18		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	105-67-9	2,4-Dimethylphenol	0.00159	mg/kg	U	0.04	125		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	51-28-5	2,4-Dinitrophenol	0.00346	mg/kg	U	0.061	12		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00188	mg/kg	U	1.6	1.6		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	606-20-2	2,6-Dinitrotoluene	0.0026	mg/kg	UJ	0.3456	0.35		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	91-58-7	2-Chloronaphthalene	0.000433	mg/kg	U	461	461		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	95-57-8	2-Chlorophenol	0.00217	mg/kg	U	0.39	37		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	91-57-6	2-Methylnaphthalene	0.000225	mg/kg	U	23	23		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	95-48-7	2-Methylphenol	0.00173	mg/kg	U	0.67	307		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	88-74-4	2-Nitroaniline	0.00188	mg/kg	U	5.3	60		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	88-75-5	2-Nitrophenol	0.00202	mg/kg	U	5.1	1824		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00159	mg/kg	U	0.03	1.2		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	99-09-2	3-Nitroaniline	0.00245	mg/kg	U	0.02	60		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00534	mg/kg	U	0.49	0.49		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00192	mg/kg	U				
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.00159	mg/kg	U	605	605		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	106-47-8	4-Chloroaniline	0.00134	mg/kg	U	1	2.6		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00243	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	106-44-5	4-Methylphenol	0.00214	mg/kg	U	0.08	125		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	100-01-6	4-Nitroaniline	0.00245	mg/kg	U	0.02	24		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	83-32-9	Acenaphthene	0.0154	mg/kg		29	346		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	208-96-8	Acenaphthylene	0.000629	mg/kg	U	1.9	1.9		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	62-53-3	Aniline	0.00722	mg/kg	U	42	42		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	120-12-7	Anthracene	0.018	mg/kg		29	1728		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	92-87-5	Benzidine	0.00273	mg/kg	UJ	0.00051	0.00051		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	56-55-3	Benzo(a)anthracene	0.0463	mg/kg		1.1	1.1		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	50-32-8	Benzo(a)pyrene	0.052	mg/kg		0.11	0.11		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.0212	mg/kg		1.1	173		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.0722	mg/kg					
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	65-85-0	Benzoic acid	0.0153	mg/kg	J	1	24000		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	100-51-6	Benzyl alcohol	0.00303	mg/kg	U	120	605		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00173	mg/kg	U	18	18		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00276	mg/kg	UJ	0.22	0.22		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.151	mg/kg	UJ	0.02	37		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.00375	mg/kg	UJ	298	298		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	85-68-7	Butyl benzylphthalate	0.00274	mg/kg	U	90	278		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	86-74-8	Carbazole	0.00563	mg/kg	UJ	7.5	7.5		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	218-01-9	Chrysene	0.0566	mg/kg		1.1	106		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.000336	mg/kg	U	0.1056	0.11		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	132-64-9	Dibenzofuran	0.00303	mg/kg	J	6.1	7.5		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	84-66-2	Diethyl phthalate	0.00245	mg/kg	U	100	4896		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	131-11-3	Dimethyl phthalate	0.00159	mg/kg	U	10	37		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	84-74-2	Di-n-butylphthalate	0.0722	mg/kg	UJ	0.011	605		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	117-84-0	Di-n-octylphthalate	0.0113	mg/kg	J	0.91	60		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	206-44-0	Fluoranthene	0.0982	mg/kg		1.1	230		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	86-73-7	Fluorene	0.00765	mg/kg		29	230		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	118-74-1	Hexachlorobenzene	0.00159	mg/kg	U	0.075	0.075		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	87-68-3	Hexachlorobutadiene	0.0013	mg/kg	U	0.009	1.2		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.00204	mg/kg	UJ	0.001	0.17		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	67-72-1	Hexachloroethane	0.00274	mg/kg	U	0.024	1.7		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0211	mg/kg		1.1	1.1		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	78-59-1	Isophorone	0.00202	mg/kg	U	547	547		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	91-20-3	Naphthalene	0.000676	mg/kg	U	1.9	1.9		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	98-95-3	Nitrobenzene	0.00198	mg/kg	U	2.2	4.9		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00159	mg/kg	U	0.0019	0.0019		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00159	mg/kg	U	0.075	0.075		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.00115	mg/kg	U	0.55	106		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	85-01-8	Phenanthrene	0.059	mg/kg		29	1728		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	108-95-2	Phenol	0.00289	mg/kg	U	0.79	1824		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	8270C	129-00-0	Pyrene	0.106	mg/kg		1.1	173		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0588532	mg/kg					
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.402	mg/kg		1.1			
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.101	mg/kg		29			
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	NWTPH-DX	TPH-D	Diesel Range Organics	16	mg/kg	J	260	1100		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	NWTPH-DX	MOIL	Residual Range Organics	38.2	mg/kg	J	260	2800		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	NWTPH-GX	TPH-G	Gasoline Range Organics	4.6	mg/kg	U	120	1200		
DSA09	723200.051	7834155.173	12/4/2001	0 - 0	SO	N	011204DSA09SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.00385	mg/kg		0.0073	0.23		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	6010	7429-90-5	Aluminum	5550	mg/kg	J	50	7392		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	6010	7440-39-3	Barium	65.2	mg/kg		330	1440		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	6010	7440-41-7	Beryllium	0.168	mg/kg	U	15	15		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	6010	7440-70-2	Calcium	4430	mg/kg	J				
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	6010	7440-47-3	Chromium	17.2	mg/kg		0.29	0.29		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	6010	7440-48-4	Cobalt	13.6	mg/kg		2.2	2.2		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	6010	7440-50-8	Copper	13.2	mg/kg		28	298		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	6010	7439-89-6	Iron	24100	mg/kg		5280	5280		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	6010	7439-95-4	Magnesium	4510	mg/kg	J				
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	6010	7439-96-5	Manganese	324	mg/kg	J	173	173		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	6010	7440-02-0	Nickel	10.4	mg/kg		38	134		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	6010	7440-09-7	Potassium	722	mg/kg					
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	6010	7440-23-5	Sodium	150	mg/kg	U				
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	6010	7440-62-2	Vanadium	69.7	mg/kg		7.8	37		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	6010	7440-66-6	Zinc	38.6	mg/kg	J	46	2208		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	6020	7440-36-0	Antimony	3.11	mg/kg	U	0.27	3		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	6020	7440-38-2	Arsenic	7.39	mg/kg		0.43	0.43		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	6020	7440-43-9	Cadmium	0.963	mg/kg		0.36	0.68		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	6020	7439-92-1	Lead	37.8	mg/kg		11	192		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	6020	7782-49-2	Selenium	0.401	mg/kg	U	0.52	37		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	6020	7440-22-4	Silver	0.165	mg/kg	J	4.2	37		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	6020	7440-28-0	Thallium	0.15	mg/kg	J	0.05	0.075		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	7471	7439-97-6	Mercury	0.393	mg/kg		0.013	1.1		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8081A	72-54-8	4,4'-DDD	0.000206	mg/kg	U	0.021	2.2		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8081A	72-55-9	4,4'-DDE	0.000243	mg/kg	U	0.021	1.8		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8081A	50-29-3	4,4'-DDT	0.000274	mg/kg	U	0.021	1.8		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8081A	309-00-2	Aldrin	0.000456	mg/kg	U	0.000085	0.031		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8081A	319-84-6	alpha-BHC	0.000329	mg/kg	U	0.0096	0.083		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8081A	319-85-7	beta-BHC	0.000448	mg/kg	U	0.0096	0.086		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8081A	319-86-8	delta-BHC	0.000406	mg/kg	U	0.0096	0.083		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8081A	60-57-1	Dieldrin	0.000347	mg/kg	U	0.0049	0.033		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8081A	959-98-8	Endosulfan I	0.00045	mg/kg	U	0.64	45		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8081A	33213-65-9	Endosulfan II	0.000409	mg/kg	U	0.64	45		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8081A	1031-07-8	Endosulfan sulfate	0.000385	mg/kg	U	0.64	36		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8081A	72-20-8	Endrin	0.000382	mg/kg	U	0.0014	1.8		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8081A	7421-93-4	Endrin aldehyde	0.000431	mg/kg	U	0.0014	1.8		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8081A	53494-70-5	Endrin ketone	0.00187	mg/kg	J	0.0014	1.8		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8081A	58-89-9	gamma-BHC (Lindane)	0.00217	mg/kg		0.0096	0.49		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8081A	76-44-8	Heptachlor	0.000364	mg/kg	U	0.0016	0.11		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8081A	1024-57-3	Heptachlor epoxide	0.000386	mg/kg	U	0.00015	0.055		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8081A	72-43-5	Methoxychlor	0.00146	mg/kg	U	5.1	31		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8081A	12789-03-6	technical-Chlordane	0.00149	mg/kg	U	0.27	1.6		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8081A	8001-35-2	Toxaphene	0.00663	mg/kg	U	0.47	0.47		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8082	12674-11-2	Aroclor-1016	0.00119	mg/kg	U	0.041	0.1		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8082	11104-28-2	Aroclor-1221	0.0051	mg/kg	U	0.041	0.19		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8082	11141-16-5	Aroclor-1232	0.00407	mg/kg	U	0.041	0.16		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8082	53469-21-9	Aroclor-1242	0.00217	mg/kg	U	0.041	0.22		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8082	12672-29-6	Aroclor-1248	0.00541	mg/kg	U	0.041	0.22		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8082	11097-69-1	Aroclor-1254	0.00169	mg/kg	U	0.029	0.029		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8082	11096-82-5	Aroclor-1260	0.00248	mg/kg	J	0.041	0.23		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8151A	93-76-5	2,4,5-T	0.00147	mg/kg	U	60	60		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8151A	93-72-1	2,4,5-TP (Silvex)	0.00215	mg/kg	U	0.055	49		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8151A	94-75-7	2,4-D	0.000556	mg/kg	U	67	67		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8151A	94-82-6	2,4-DB	0.000946	mg/kg	U				
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8151A	120-36-5	2,4-DP (Dichloroprop)	0.000718	mg/kg	U				
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8151A	100-02-7	4-Nitrophenol	0.00149	mg/kg	U	5.1	1824		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8151A	75-99-0	Dalapon	0.00206	mg/kg	U	182	182		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8151A	1918-00-9	Dicamba	0.00164	mg/kg	U	182	182		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8151A	88-85-7	Dinoseb	0.000556	mg/kg	U	0.015	6		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8151A	94-74-6	MCPA	0.00102	mg/kg	U	3.1	3.1		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8151A	93-65-2	MCPP	0.00185	mg/kg	U	6	6		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8151A	87-86-5	Pentachlorophenol	0.000787	mg/kg	U	0.96	1		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.003	mg/kg	U	0.07	1.9		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	71-55-6	1,1,1-Trichloroethane	0.001	mg/kg	U	260	778		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.003	mg/kg	U	0.13	0.58		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	79-00-5	1,1,2-Trichloroethane	0.003	mg/kg	U	0.14	0.14		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	75-34-3	1,1-Dichloroethane	0.001	mg/kg	U	3.5	3.5		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	75-35-4	1,1-Dichloroethene	0.002	mg/kg	U	11	22		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	563-58-6	1,1-Dichloropropene	0.001	mg/kg	U	0.001	1.7		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.002	mg/kg	U	6	6		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	96-18-4	1,2,3-Trichloropropane	0.003	mg/kg	U	0.0049	0.0049		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.002	mg/kg	U	0.27	5.6		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.002	mg/kg	U	0.09	29		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.003	mg/kg	U	0.0051	0.0051		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.003	mg/kg	U	0.035	0.035		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	95-50-1	1,2-Dichlorobenzene	0.002	mg/kg	U	0.92	173		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	107-06-2	1,2-Dichloroethane	0.001	mg/kg	U	0.44	0.44		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	78-87-5	1,2-Dichloropropane	0.001	mg/kg	U	0.28	1.5		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.002	mg/kg	U	0.16	26		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	541-73-1	1,3-Dichlorobenzene	0.002	mg/kg	U	0.74	2.5		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	142-28-9	1,3-Dichloropropane	0.003	mg/kg	U	0.28	154		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	106-46-7	1,4-Dichlorobenzene	0.002	mg/kg	U	0.89	2.5		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	594-20-7	2,2-Dichloropropane	0.002	mg/kg	U	0.28	1.5		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	95-49-8	2-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	591-78-6	2-Hexanone	0.01	mg/kg	UJ	0.36	19		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	106-43-4	4-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	67-64-1	Acetone	0.015	mg/kg	U	1.2	6720		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	71-43-2	Benzene	0.002	mg/kg	U	1.2	1.2		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	108-86-1	Bromobenzene	0.002	mg/kg	U	28	28		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	74-97-5	Bromochloromethane	0.001	mg/kg	U	3.4	3.4		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	75-27-4	Bromodichloromethane	0.001	mg/kg	U	0.28	0.28		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	75-25-2	Bromoform	0.003	mg/kg	U	0.07	18		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	74-83-9	Bromomethane	0.008	mg/kg	U	0.002	0.65		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	75-15-0	Carbon disulfide	0.003	mg/kg	U	0.81	74		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	56-23-5	Carbon tetrachloride	0.001	mg/kg	U	0.62	0.62		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	108-90-7	Chlorobenzene	0.002	mg/kg	U	2.4	27		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	75-00-3	Chloroethane	0.002	mg/kg	U	518	518		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	67-66-3	Chloroform	0.001	mg/kg	U	0.31	0.31		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	74-87-3	Chloromethane	0.003	mg/kg	U	11	11		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.002	mg/kg	U	6	6		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.001	mg/kg	U	0.001	1.7		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	124-48-1	Dibromochloromethane	0.001	mg/kg	U	3.7	3.7		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	74-95-3	Dibromomethane	0.001	mg/kg	U	2.304	2.3		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	75-71-8	Dichlorodifluoromethane	0.001	mg/kg	U	8.4	8.4		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	100-41-4	Ethylbenzene	0.002	mg/kg	U	0.27	5.6		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	87-68-3	Hexachlorobutadiene	0.002	mg/kg	U	0.009	1.2		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	98-82-8	Isopropylbenzene	0.002	mg/kg	U	0.04	182		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	179601-23-1	m,p-Xylene	0.003	mg/kg	U	1.4	53		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	78-93-3	MEK (2-Butanone)	0.015	mg/kg	U	350	2592		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	75-09-2	Methylene chloride	0.003	mg/kg	U	2.6	34		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.01	mg/kg	U	9.7	3168		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	91-20-3	Naphthalene	0.002	mg/kg	U	1.9	1.9		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	104-51-8	n-Butylbenzene	0.002	mg/kg	U	374	374		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	103-65-1	n-Propylbenzene	0.002	mg/kg	U	365	365		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	95-47-6	o-Xylene	0.002	mg/kg	U	1.4	61		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	99-87-6	p-Cymene	0.002	mg/kg	U	0.18	182		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	135-98-8	sec-Butylbenzene	0.002	mg/kg	U	749	749		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	100-42-5	Styrene	0.002	mg/kg	U	1.2	576		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	98-06-6	tert-Butylbenzene	0.002	mg/kg	U	749	749		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	127-18-4	Tetrachloroethene	0.002	mg/kg	U	0.18	7.8		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	108-88-3	Toluene	0.002	mg/kg	U	23	470		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.002	mg/kg	U	6.7	6.7		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.003	mg/kg	U	0.001	1.7		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	79-01-6	Trichloroethene	0.002	mg/kg	U	0.39	0.39		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	75-69-4	Trichlorofluoromethane	0.002	mg/kg	U	52	2208		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	108-05-4	Vinyl acetate	0.005	mg/kg	U	87	87		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8260B	75-01-4	Vinyl chloride	0.002	mg/kg	U	0.057	0.057		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.0263	mg/kg	UJ	4	605		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.0195	mg/kg	UJ	6	6		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	120-83-2	2,4-Dichlorophenol	0.0161	mg/kg	UJ	0.05	18		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	105-67-9	2,4-Dimethylphenol	0.0161	mg/kg	UJ	0.04	125		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	51-28-5	2,4-Dinitrophenol	0.0351	mg/kg	UJ	0.061	12		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	121-14-2	2,4-Dinitrotoluene	0.019	mg/kg	U	1.6	1.6		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	606-20-2	2,6-Dinitrotoluene	0.0263	mg/kg	UJ	0.3456	0.35		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	91-58-7	2-Chloronaphthalene	0.00439	mg/kg	U	461	461		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	95-57-8	2-Chlorophenol	0.0219	mg/kg	UJ	0.39	37		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	91-57-6	2-Methylnaphthalene	0.00228	mg/kg	U	23	23		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	95-48-7	2-Methylphenol	0.0176	mg/kg	UJ	0.67	307		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	88-74-4	2-Nitroaniline	0.019	mg/kg	U	5.3	60		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	88-75-5	2-Nitrophenol	0.0205	mg/kg	UJ	5.1	1824		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.0161	mg/kg	U	0.03	1.2		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	99-09-2	3-Nitroaniline	0.0249	mg/kg	U	0.02	60		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.0541	mg/kg	UJ	0.49	0.49		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0195	mg/kg	U				
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.0161	mg/kg	UJ	605	605		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	106-47-8	4-Chloroaniline	0.0136	mg/kg	U	1	2.6		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.0246	mg/kg	U				
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	106-44-5	4-Methylphenol	0.0217	mg/kg	UJ	0.08	125		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	100-01-6	4-Nitroaniline	0.0249	mg/kg	U	0.02	24		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	83-32-9	Acenaphthene	0.0293	mg/kg		29	346		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	208-96-8	Acenaphthylene	0.00638	mg/kg	U	1.9	1.9		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	62-53-3	Aniline	0.0732	mg/kg	U	42	42		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	120-12-7	Anthracene	0.0805	mg/kg		29	1728		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	92-87-5	Benzidine	0.0277	mg/kg	UJ	0.00051	0.00051		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	56-55-3	Benzo(a)anthracene	0.398	mg/kg		1.1	1.1		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	50-32-8	Benzo(a)pyrene	0.435	mg/kg		0.11	0.11		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.195	mg/kg		1.1	173		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.682	mg/kg					
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	65-85-0	Benzoic acid	0.0497	mg/kg	U	1	24000		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	100-51-6	Benzyl alcohol	0.0307	mg/kg	U	120	605		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0176	mg/kg	U	18	18		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0279	mg/kg	UJ	0.22	0.22		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.366	mg/kg	U	0.02	37		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.038	mg/kg	UJ	298	298		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	85-68-7	Butyl benzylphthalate	0.0278	mg/kg	U	90	278		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	86-74-8	Carbazole	0.0571	mg/kg	U	7.5	7.5		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	218-01-9	Chrysene	0.465	mg/kg		1.1	106		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.00341	mg/kg	U	0.1056	0.11		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	132-64-9	Dibenzofuran	0.017	mg/kg	U	6.1	7.5		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	84-66-2	Diethyl phthalate	0.0249	mg/kg	U	100	4896		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	131-11-3	Dimethyl phthalate	0.0161	mg/kg	U	10	37		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	84-74-2	Di-n-butylphthalate	0.127	mg/kg	UJ	0.011	605		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	117-84-0	Di-n-octylphthalate	0.038	mg/kg	U	0.91	60		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	206-44-0	Fluoranthene	0.806	mg/kg		1.1	230		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	86-73-7	Fluorene	0.0249	mg/kg		29	230		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	118-74-1	Hexachlorobenzene	0.0161	mg/kg	U	0.075	0.075		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.0206	mg/kg	UJ	0.001	0.17		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	67-72-1	Hexachloroethane	0.0278	mg/kg	U	0.024	1.7		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.202	mg/kg		1.1	1.1		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	78-59-1	Isophorone	0.0205	mg/kg	U	547	547		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	98-95-3	Nitrobenzene	0.02	mg/kg	U	2.2	4.9		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	62-75-9	N-Nitrosodimethylamine	0.0161	mg/kg	U	0.0019	0.0019		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0161	mg/kg	U	0.075	0.075		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.0117	mg/kg	U	0.55	106		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	85-01-8	Phenanthrene	0.345	mg/kg		29	1728		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	108-95-2	Phenol	0.0293	mg/kg	UJ	0.79	1824		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	8270C	129-00-0	Pyrene	0.844	mg/kg		1.1	173		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.49593	mg/kg					
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	3.34841	mg/kg		1.1			
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.492	mg/kg		29			
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	NWTPH-DX	TPH-D	Diesel Range Organics	22.7	mg/kg	J	260	1100		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	NWTPH-DX	MOIL	Residual Range Organics	66.9	mg/kg		260	2800		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	NWTPH-GX	TPH-G	Gasoline Range Organics	3.49	mg/kg	J	120	1200		
DSA10	723255.296	7834162.852	12/4/2001	0 - 0	SO	N	011204DSA10SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.00417	mg/kg		0.0073	0.23		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	6010	7429-90-5	Aluminum	5010	mg/kg	J	50	7392		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	6010	7440-39-3	Barium	64.5	mg/kg		330	1440		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	6010	7440-41-7	Beryllium	0.417	mg/kg	U	15	15		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	6010	7440-70-2	Calcium	7760	mg/kg	J				
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	6010	7440-47-3	Chromium	1420	mg/kg		0.29	0.29		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	6010	7440-48-4	Cobalt	25.1	mg/kg		2.2	2.2		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	6010	7440-50-8	Copper	157	mg/kg		28	298		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	6010	7439-89-6	Iron	43500	mg/kg		5280	5280		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	6010	7439-95-4	Magnesium	44300	mg/kg	J				
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	6010	7439-96-5	Manganese	750	mg/kg	J	173	173		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	6010	7440-02-0	Nickel	522	mg/kg		38	134		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	6010	7440-09-7	Potassium	528	mg/kg					
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	6010	7440-23-5	Sodium	417	mg/kg	U				
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	6010	7440-62-2	Vanadium	34	mg/kg		7.8	37		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	6010	7440-66-6	Zinc	607	mg/kg	J	46	2208		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	6020	7440-36-0	Antimony	5.78	mg/kg		0.27	3		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	6020	7440-38-2	Arsenic	51.1	mg/kg		0.43	0.43		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	6020	7440-43-9	Cadmium	1.5	mg/kg		0.36	0.68		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	6020	7439-92-1	Lead	399	mg/kg		11	192		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	6020	7782-49-2	Selenium	3.13	mg/kg	U	0.52	37		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	6020	7440-22-4	Silver	0.208	mg/kg	J	4.2	37		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	6020	7440-28-0	Thallium	0.0771	mg/kg	J	0.05	0.075		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	7471	7439-97-6	Mercury	0.0576	mg/kg		0.013	1.1		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8081A	72-54-8	4,4'-DDD	0.00439	mg/kg	U	0.021	2.2		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8081A	72-55-9	4,4'-DDE	0.00439	mg/kg	U	0.021	1.8		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8081A	50-29-3	4,4'-DDT	0.00439	mg/kg	U	0.021	1.8		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8081A	309-00-2	Aldrin	0.0022	mg/kg	U	0.000085	0.031		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8081A	319-84-6	alpha-BHC	0.0022	mg/kg	U	0.0096	0.083		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8081A	319-85-7	beta-BHC	0.0022	mg/kg	U	0.0096	0.086		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8081A	319-86-8	delta-BHC	0.0022	mg/kg	U	0.0096	0.083		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8081A	60-57-1	Dieldrin	0.00439	mg/kg	U	0.0049	0.033		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8081A	959-98-8	Endosulfan I	0.0022	mg/kg	U	0.64	45		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8081A	33213-65-9	Endosulfan II	0.00096	mg/kg	J	0.64	45		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8081A	1031-07-8	Endosulfan sulfate	0.00439	mg/kg	U	0.64	36		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8081A	72-20-8	Endrin	0.00439	mg/kg	U	0.0014	1.8		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8081A	7421-93-4	Endrin aldehyde	0.00439	mg/kg	U	0.0014	1.8		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8081A	53494-70-5	Endrin ketone	0.00439	mg/kg	U	0.0014	1.8		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8081A	58-89-9	gamma-BHC (Lindane)	0.0022	mg/kg	U	0.0096	0.49		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8081A	76-44-8	Heptachlor	0.0022	mg/kg	U	0.0016	0.11		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8081A	1024-57-3	Heptachlor epoxide	0.0022	mg/kg	U	0.00015	0.055		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8081A	72-43-5	Methoxychlor	0.022	mg/kg	U	5.1	31		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8081A	12789-03-6	technical-Chlordane	0.022	mg/kg	U	0.27	1.6		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8081A	8001-35-2	Toxaphene	0.22	mg/kg	U	0.47	0.47		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8082	12674-11-2	Aroclor-1016	0.0116	mg/kg	U	0.041	0.1		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8082	11104-28-2	Aroclor-1221	0.0116	mg/kg	U	0.041	0.19		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8082	11141-16-5	Aroclor-1232	0.0116	mg/kg	U	0.041	0.16		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8082	53469-21-9	Aroclor-1242	0.0116	mg/kg	U	0.041	0.22		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8082	12672-29-6	Aroclor-1248	0.0116	mg/kg	U	0.041	0.22		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8082	11097-69-1	Aroclor-1254	0.0116	mg/kg	U	0.029	0.029		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8082	11096-82-5	Aroclor-1260	0.0199	mg/kg		0.041	0.23		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8151A	93-76-5	2,4,5-T	0.00762	mg/kg	U	60	60		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8151A	93-72-1	2,4,5-TP (Silvex)	0.00762	mg/kg	U	0.055	49		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8151A	94-75-7	2,4-D	0.00762	mg/kg	U	67	67		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8151A	94-82-6	2,4-DB	0.00762	mg/kg	U				
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8151A	120-36-5	2,4-DP (Dichloroprop)	0.00762	mg/kg	U				
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8151A	100-02-7	4-Nitrophenol	0.00762	mg/kg	U	5.1	1824		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8151A	75-99-0	Dalapon	0.00762	mg/kg	U	182	182		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8151A	1918-00-9	Dicamba	0.00762	mg/kg	U	182	182		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8151A	88-85-7	Dinoseb	0.00762	mg/kg	U	0.015	6		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8151A	94-74-6	MCPA	0.00762	mg/kg	U	3.1	3.1		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8151A	93-65-2	MCPP	0.00762	mg/kg	U	6	6		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8151A	87-86-5	Pentachlorophenol	0.00762	mg/kg	U	0.96	1		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.005	mg/kg	U	0.07	1.9		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	71-55-6	1,1,1-Trichloroethane	0.005	mg/kg	U	260	778		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.005	mg/kg	U	0.13	0.58		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	79-00-5	1,1,2-Trichloroethane	0.005	mg/kg	U	0.14	0.14		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	75-34-3	1,1-Dichloroethane	0.005	mg/kg	U	3.5	3.5		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	75-35-4	1,1-Dichloroethene	0.005	mg/kg	U	11	22		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	563-58-6	1,1-Dichloropropene	0.005	mg/kg	U	0.001	1.7		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.005	mg/kg	U	6	6		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	96-18-4	1,2,3-Trichloropropane	0.005	mg/kg	U	0.0049	0.0049		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.005	mg/kg	U	0.27	5.6		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.005	mg/kg	U	0.09	29		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.01	mg/kg	U	0.0051	0.0051		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.005	mg/kg	U	0.035	0.035		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	95-50-1	1,2-Dichlorobenzene	0.005	mg/kg	U	0.92	173		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	107-06-2	1,2-Dichloroethane	0.005	mg/kg	U	0.44	0.44		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	78-87-5	1,2-Dichloropropane	0.005	mg/kg	U	0.28	1.5		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.005	mg/kg	U	0.16	26		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	541-73-1	1,3-Dichlorobenzene	0.005	mg/kg	U	0.74	2.5		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	142-28-9	1,3-Dichloropropane	0.005	mg/kg	U	0.28	154		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	106-46-7	1,4-Dichlorobenzene	0.005	mg/kg	U	0.89	2.5		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	594-20-7	2,2-Dichloropropane	0.005	mg/kg	U	0.28	1.5		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	95-49-8	2-Chlorotoluene	0.005	mg/kg	U	154	154		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	591-78-6	2-Hexanone	0.025	mg/kg	UJ	0.36	19		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	106-43-4	4-Chlorotoluene	0.005	mg/kg	U	154	154		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	67-64-1	Acetone	0.025	mg/kg	U	1.2	6720		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	71-43-2	Benzene	0.005	mg/kg	U	1.2	1.2		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	108-86-1	Bromobenzene	0.005	mg/kg	U	28	28		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	74-97-5	Bromochloromethane	0.005	mg/kg	U	3.4	3.4		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	75-27-4	Bromodichloromethane	0.005	mg/kg	U	0.28	0.28		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	75-25-2	Bromoform	0.005	mg/kg	U	0.07	18		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	74-83-9	Bromomethane	0.01	mg/kg	U	0.002	0.65		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	75-15-0	Carbon disulfide	0.005	mg/kg	U	0.81	74		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	56-23-5	Carbon tetrachloride	0.005	mg/kg	U	0.62	0.62		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	108-90-7	Chlorobenzene	0.005	mg/kg	U	2.4	27		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	75-00-3	Chloroethane	0.01	mg/kg	U	518	518		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	67-66-3	Chloroform	0.005	mg/kg	U	0.31	0.31		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	74-87-3	Chloromethane	0.01	mg/kg	U	11	11		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.005	mg/kg	U	6	6		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.005	mg/kg	U	0.001	1.7		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	124-48-1	Dibromochloromethane	0.005	mg/kg	U	3.7	3.7		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	74-95-3	Dibromomethane	0.005	mg/kg	U	2.304	2.3		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	75-71-8	Dichlorodifluoromethane	0.01	mg/kg	U	8.4	8.4		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	100-41-4	Ethylbenzene	0.005	mg/kg	U	0.27	5.6		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	87-68-3	Hexachlorobutadiene	0.005	mg/kg	U	0.009	1.2		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	98-82-8	Isopropylbenzene	0.005	mg/kg	U	0.04	182		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	179601-23-1	m,p-Xylene	0.005	mg/kg	U	1.4	53		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	78-93-3	MEK (2-Butanone)	0.025	mg/kg	U	350	2592		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	75-09-2	Methylene chloride	0.005	mg/kg	U	2.6	34		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.025	mg/kg	U	9.7	3168		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	104-51-8	n-Butylbenzene	0.005	mg/kg	U	374	374		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	103-65-1	n-Propylbenzene	0.005	mg/kg	U	365	365		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	95-47-6	o-Xylene	0.005	mg/kg	U	1.4	61		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	99-87-6	p-Cymene	0.005	mg/kg	U	0.18	182		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	135-98-8	sec-Butylbenzene	0.005	mg/kg	U	749	749		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	100-42-5	Styrene	0.01	mg/kg	U	1.2	576		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	98-06-6	tert-Butylbenzene	0.005	mg/kg	U	749	749		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	127-18-4	Tetrachloroethene	0.005	mg/kg	U	0.18	7.8		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	108-88-3	Toluene	0.005	mg/kg	U	23	470		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.005	mg/kg	U	6.7	6.7		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.005	mg/kg	U	0.001	1.7		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	79-01-6	Trichloroethene	0.005	mg/kg	U	0.39	0.39		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	75-69-4	Trichlorofluoromethane	0.01	mg/kg	U	52	2208		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	108-05-4	Vinyl acetate	0.01	mg/kg	U	87	87		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8260B	75-01-4	Vinyl chloride	0.01	mg/kg	U	0.057	0.057		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	121-14-2	2,4-Dinitrotoluene	0.127	mg/kg	U	1.6	1.6		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	606-20-2	2,6-Dinitrotoluene	0.127	mg/kg	UJ	0.3456	0.35		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	91-58-7	2-Chloronaphthalene	0.0127	mg/kg	U	461	461		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	91-57-6	2-Methylnaphthalene	0.0229	mg/kg		23	23		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	88-74-4	2-Nitroaniline	0.127	mg/kg	U	5.3	60		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.127	mg/kg	U	0.03	1.2		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	99-09-2	3-Nitroaniline	0.127	mg/kg	U	0.02	60		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.127	mg/kg	U				
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	106-47-8	4-Chloroaniline	0.127	mg/kg	U	1	2.6		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.127	mg/kg	U				
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	100-01-6	4-Nitroaniline	0.127	mg/kg	U	0.02	24		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	83-32-9	Acenaphthene	0.158	mg/kg		29	346		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	208-96-8	Acenaphthylene	0.0293	mg/kg		1.9	1.9		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	62-53-3	Aniline	0.127	mg/kg	U	42	42		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	120-12-7	Anthracene	0.339	mg/kg		29	1728		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	92-87-5	Benzidine	0.318	mg/kg	UJ	0.00051	0.00051		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	56-55-3	Benzo(a)anthracene	1.82	mg/kg		1.1	1.1		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	50-32-8	Benzo(a)pyrene	2.36	mg/kg		0.11	0.11		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	191-24-2	Benzo(g,h,i)perylene	1.15	mg/kg		1.1	173		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	56832-73-6	Benzofluoranthenes, Total	3.13	mg/kg					
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	65-85-0	Benzoic acid	0.637	mg/kg	U	1	24000		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	100-51-6	Benzyl alcohol	0.127	mg/kg	U	120	605		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.127	mg/kg	U	18	18		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.127	mg/kg	UJ	0.22	0.22		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	21.7	mg/kg		0.02	37		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.127	mg/kg	UJ	298	298		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	85-68-7	Butyl benzylphthalate	0.117	mg/kg	J	90	278		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	86-74-8	Carbazole	0.176	mg/kg	J	7.5	7.5		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	218-01-9	Chrysene	1.82	mg/kg		1.1	106		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.472	mg/kg		0.1056	0.11		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	132-64-9	Dibenzofuran	0.042	mg/kg	J	6.1	7.5		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	84-66-2	Diethyl phthalate	0.127	mg/kg	U	100	4896		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	131-11-3	Dimethyl phthalate	0.127	mg/kg	U	10	37		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	84-74-2	Di-n-butylphthalate	0.383	mg/kg	UJ	0.011	605		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	117-84-0	Di-n-octylphthalate	0.127	mg/kg	U	0.91	60		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	206-44-0	Fluoranthene	2.51	mg/kg		1.1	230		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	86-73-7	Fluorene	0.103	mg/kg		29	230		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	118-74-1	Hexachlorobenzene	0.127	mg/kg	U	0.075	0.075		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.127	mg/kg	UJ	0.001	0.17		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	67-72-1	Hexachloroethane	0.127	mg/kg	U	0.024	1.7		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	1.1	mg/kg		1.1	1.1		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	78-59-1	Isophorone	0.127	mg/kg	U	547	547		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	91-20-3	Naphthalene	0.0293	mg/kg		1.9	1.9		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	98-95-3	Nitrobenzene	0.127	mg/kg	U	2.2	4.9		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	62-75-9	N-Nitrosodimethylamine	0.318	mg/kg	U	0.0019	0.0019		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.127	mg/kg	U	0.075	0.075		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.127	mg/kg	U	0.55	106		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	85-01-8	Phenanthrene	1.17	mg/kg		29	1728		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	8270C	129-00-0	Pyrene	2.7	mg/kg		1.1	173		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	NWTPH-DX	TPH-D	Diesel Range Organics	140	mg/kg		260	1100		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	NWTPH-DX	MOIL	Residual Range Organics	490	mg/kg		260	2800		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	NWTPH-GX	TPH-G	Gasoline Range Organics	4.41	mg/kg	U	120	1200		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.0696	mg/kg		1.8	1.8		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.0593	mg/kg		2.2	2.2		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.00137	mg/kg	U	2.2	2.2		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	FD	011204DSA13SS	PSEP Butyltins	688-73-3	Tributyltin	0.338	mg/kg		2.2	2.2		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	6010	7429-90-5	Aluminum	4410	mg/kg	J	50	7392		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	6010	7440-39-3	Barium	57.4	mg/kg		330	1440		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	6010	7440-41-7	Beryllium	0.177	mg/kg	U	15	15		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	6010	7440-70-2	Calcium	6870	mg/kg	J				
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	6010	7440-47-3	Chromium	1310	mg/kg		0.29	0.29		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	6010	7440-48-4	Cobalt	22.3	mg/kg		2.2	2.2		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	6010	7440-50-8	Copper	159	mg/kg		28	298		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	6010	7439-89-6	Iron	37400	mg/kg		5280	5280		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	6010	7439-95-4	Magnesium	40200	mg/kg	J				
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	6010	7439-96-5	Manganese	672	mg/kg	J	173	173		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	6010	7440-02-0	Nickel	431	mg/kg		38	134		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	6010	7440-09-7	Potassium	423	mg/kg	J				
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	6010	7440-23-5	Sodium	159	mg/kg	U				
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	6010	7440-62-2	Vanadium	26.9	mg/kg		7.8	37		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	6010	7440-66-6	Zinc	497	mg/kg	J	46	2208		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	6020	7440-36-0	Antimony	4.37	mg/kg		0.27	3		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	6020	7440-38-2	Arsenic	34.3	mg/kg		0.43	0.43		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	6020	7440-43-9	Cadmium	1.34	mg/kg		0.36	0.68		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	6020	7439-92-1	Lead	288	mg/kg		11	192		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	6020	7782-49-2	Selenium	0.423	mg/kg	U	0.52	37		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	6020	7440-22-4	Silver	0.22	mg/kg	J	4.2	37		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	6020	7440-28-0	Thallium	0.0518	mg/kg	U	0.05	0.075		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	7471	7439-97-6	Mercury	0.106	mg/kg		0.013	1.1		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8081A	72-54-8	4,4'-DDD	0.000386	mg/kg	U	0.021	2.2		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8081A	72-55-9	4,4'-DDE	0.000457	mg/kg	U	0.021	1.8		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8081A	50-29-3	4,4'-DDT	0.000514	mg/kg	U	0.021	1.8		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8081A	309-00-2	Aldrin	0.000856	mg/kg	U	0.000085	0.031		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8081A	319-84-6	alpha-BHC	0.000617	mg/kg	U	0.0096	0.083		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8081A	319-85-7	beta-BHC	0.00084	mg/kg	U	0.0096	0.086		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8081A	319-86-8	delta-BHC	0.000762	mg/kg	U	0.0096	0.083		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8081A	60-57-1	Dieldrin	0.000651	mg/kg	U	0.0049	0.033		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8081A	959-98-8	Endosulfan I	0.000845	mg/kg	U	0.64	45		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8081A	33213-65-9	Endosulfan II	0.000767	mg/kg	U	0.64	45		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8081A	1031-07-8	Endosulfan sulfate	0.000722	mg/kg	U	0.64	36		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8081A	72-20-8	Endrin	0.000716	mg/kg	U	0.0014	1.8		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8081A	7421-93-4	Endrin aldehyde	0.000809	mg/kg	U	0.0014	1.8		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8081A	53494-70-5	Endrin ketone	0.00253	mg/kg	J	0.0014	1.8		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8081A	58-89-9	gamma-BHC (Lindane)	0.000759	mg/kg	U	0.0096	0.49		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8081A	76-44-8	Heptachlor	0.000683	mg/kg	U	0.0016	0.11		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8081A	1024-57-3	Heptachlor epoxide	0.000725	mg/kg	U	0.00015	0.055		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8081A	72-43-5	Methoxychlor	0.00273	mg/kg	U	5.1	31		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8081A	12789-03-6	technical-Chlordane	0.00279	mg/kg	U	0.27	1.6		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8081A	8001-35-2	Toxaphene	0.0124	mg/kg	U	0.47	0.47		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8082	12674-11-2	Aroclor-1016	0.00121	mg/kg	U	0.041	0.1		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8082	11104-28-2	Aroclor-1221	0.00519	mg/kg	U	0.041	0.19		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8082	11141-16-5	Aroclor-1232	0.00415	mg/kg	U	0.041	0.16		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8082	53469-21-9	Aroclor-1242	0.00222	mg/kg	U	0.041	0.22		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8082	12672-29-6	Aroclor-1248	0.00551	mg/kg	U	0.041	0.22		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8082	11097-69-1	Aroclor-1254	0.00172	mg/kg	U	0.029	0.029		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8082	11096-82-5	Aroclor-1260	0.0222	mg/kg		0.041	0.23		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8151A	93-76-5	2,4,5-T	0.00158	mg/kg	U	60	60		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8151A	93-72-1	2,4,5-TP (Silvex)	0.00231	mg/kg	U	0.055	49		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8151A	94-75-7	2,4-D	0.000596	mg/kg	U	67	67		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8151A	94-82-6	2,4-DB	0.00101	mg/kg	U				
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8151A	120-36-5	2,4-DP (Dichloroprop)	0.00077	mg/kg	U				
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8151A	100-02-7	4-Nitrophenol	0.0016	mg/kg	U	5.1	1824		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8151A	75-99-0	Dalapon	0.0022	mg/kg	U	182	182		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8151A	1918-00-9	Dicamba	0.00176	mg/kg	U	182	182		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8151A	88-85-7	Dinoseb	0.000596	mg/kg	U	0.015	6		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8151A	94-74-6	MCPA	0.00109	mg/kg	U	3.1	3.1		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8151A	93-65-2	MCPP	0.00198	mg/kg	U	6	6		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8151A	87-86-5	Pentachlorophenol	0.000843	mg/kg	U	0.96	1		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.003	mg/kg	U	0.07	1.9		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	71-55-6	1,1,1-Trichloroethane	0.001	mg/kg	U	260	778		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.003	mg/kg	U	0.13	0.58		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	79-00-5	1,1,2-Trichloroethane	0.003	mg/kg	U	0.14	0.14		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	75-34-3	1,1-Dichloroethane	0.001	mg/kg	U	3.5	3.5		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	75-35-4	1,1-Dichloroethene	0.002	mg/kg	U	11	22		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	563-58-6	1,1-Dichloropropene	0.001	mg/kg	U	0.001	1.7		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.002	mg/kg	U	6	6		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	96-18-4	1,2,3-Trichloropropane	0.003	mg/kg	U	0.0049	0.0049		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.002	mg/kg	U	0.27	5.6		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.002	mg/kg	U	0.09	29		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.003	mg/kg	U	0.0051	0.0051		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.003	mg/kg	U	0.035	0.035		

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DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	95-50-1	1,2-Dichlorobenzene	0.002	mg/kg	U	0.92	173		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	107-06-2	1,2-Dichloroethane	0.001	mg/kg	U	0.44	0.44		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	78-87-5	1,2-Dichloropropane	0.001	mg/kg	U	0.28	1.5		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.002	mg/kg	U	0.16	26		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	541-73-1	1,3-Dichlorobenzene	0.002	mg/kg	U	0.74	2.5		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	142-28-9	1,3-Dichloropropane	0.003	mg/kg	U	0.28	154		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	106-46-7	1,4-Dichlorobenzene	0.002	mg/kg	U	0.89	2.5		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	594-20-7	2,2-Dichloropropane	0.002	mg/kg	U	0.28	1.5		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	95-49-8	2-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	591-78-6	2-Hexanone	0.01	mg/kg	UJ	0.36	19		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	106-43-4	4-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	67-64-1	Acetone	0.015	mg/kg	U	1.2	6720		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	71-43-2	Benzene	0.002	mg/kg	U	1.2	1.2		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	108-86-1	Bromobenzene	0.002	mg/kg	U	28	28		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	74-97-5	Bromochloromethane	0.001	mg/kg	U	3.4	3.4		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	75-27-4	Bromodichloromethane	0.001	mg/kg	U	0.28	0.28		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	75-25-2	Bromoform	0.003	mg/kg	U	0.07	18		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	74-83-9	Bromomethane	0.008	mg/kg	U	0.002	0.65		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	75-15-0	Carbon disulfide	0.003	mg/kg	U	0.81	74		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	56-23-5	Carbon tetrachloride	0.001	mg/kg	U	0.62	0.62		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	108-90-7	Chlorobenzene	0.002	mg/kg	U	2.4	27		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	75-00-3	Chloroethane	0.002	mg/kg	U	518	518		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	67-66-3	Chloroform	0.001	mg/kg	U	0.31	0.31		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	74-87-3	Chloromethane	0.003	mg/kg	U	11	11		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.002	mg/kg	U	6	6		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.001	mg/kg	U	0.001	1.7		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	124-48-1	Dibromochloromethane	0.001	mg/kg	U	3.7	3.7		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	74-95-3	Dibromomethane	0.001	mg/kg	U	2.304	2.3		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	75-71-8	Dichlorodifluoromethane	0.001	mg/kg	U	8.4	8.4		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	100-41-4	Ethylbenzene	0.002	mg/kg	U	0.27	5.6		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	87-68-3	Hexachlorobutadiene	0.002	mg/kg	U	0.009	1.2		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	98-82-8	Isopropylbenzene	0.002	mg/kg	U	0.04	182		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	179601-23-1	m,p-Xylene	0.003	mg/kg	U	1.4	53		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	78-93-3	MEK (2-Butanone)	0.015	mg/kg	U	350	2592		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	75-09-2	Methylene chloride	0.003	mg/kg	U	2.6	34		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.002	mg/kg	U	9.7	3168		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	104-51-8	n-Butylbenzene	0.002	mg/kg	U	374	374		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	103-65-1	n-Propylbenzene	0.002	mg/kg	U	365	365		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	95-47-6	o-Xylene	0.002	mg/kg	U	1.4	61		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	99-87-6	p-Cymene	0.002	mg/kg	U	0.18	182		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	135-98-8	sec-Butylbenzene	0.002	mg/kg	U	749	749		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	100-42-5	Styrene	0.002	mg/kg	U	1.2	576		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	98-06-6	tert-Butylbenzene	0.002	mg/kg	U	749	749		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	127-18-4	Tetrachloroethene	0.002	mg/kg	U	0.18	7.8		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	108-88-3	Toluene	0.002	mg/kg	U	23	470		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.002	mg/kg	U	6.7	6.7		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.003	mg/kg	U	0.001	1.7		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	79-01-6	Trichloroethene	0.002	mg/kg	U	0.39	0.39		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	75-69-4	Trichlorofluoromethane	0.002	mg/kg	U	52	2208		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	108-05-4	Vinyl acetate	0.005	mg/kg	U	87	87		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8260B	75-01-4	Vinyl chloride	0.002	mg/kg	U	0.057	0.057		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.0259	mg/kg	U	4	605		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.0191	mg/kg	UJ	6	6		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	120-83-2	2,4-Dichlorophenol	0.0158	mg/kg	U	0.05	18		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	105-67-9	2,4-Dimethylphenol	0.0158	mg/kg	U	0.04	125		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	51-28-5	2,4-Dinitrophenol	0.0345	mg/kg	U	0.061	12		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	121-14-2	2,4-Dinitrotoluene	0.0187	mg/kg	U	1.6	1.6		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	606-20-2	2,6-Dinitrotoluene	0.0259	mg/kg	UJ	0.3456	0.35		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	91-58-7	2-Chloronaphthalene	0.00431	mg/kg	U	461	461		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	95-57-8	2-Chlorophenol	0.0215	mg/kg	U	0.39	37		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	91-57-6	2-Methylnaphthalene	0.00224	mg/kg	U	23	23		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	95-48-7	2-Methylphenol	0.0172	mg/kg	U	0.67	307		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	88-74-4	2-Nitroaniline	0.0187	mg/kg	U	5.3	60		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	88-75-5	2-Nitrophenol	0.0201	mg/kg	U	5.1	1824		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.0158	mg/kg	U	0.03	1.2		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	99-09-2	3-Nitroaniline	0.0244	mg/kg	U	0.02	60		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.0532	mg/kg	U	0.49	0.49		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0191	mg/kg	U				
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.0158	mg/kg	U	605	605		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	106-47-8	4-Chloroaniline	0.0134	mg/kg	U	1	2.6		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.0241	mg/kg	U				
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	106-44-5	4-Methylphenol	0.0213	mg/kg	U	0.08	125		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	100-01-6	4-Nitroaniline	0.0244	mg/kg	U	0.02	24		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	83-32-9	Acenaphthene	0.105	mg/kg		29	346		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	208-96-8	Acenaphthylene	0.0259	mg/kg		1.9	1.9		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	62-53-3	Aniline	0.0718	mg/kg	U	42	42		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	120-12-7	Anthracene	0.269	mg/kg		29	1728		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	92-87-5	Benzidine	0.0272	mg/kg	UJ	0.00051	0.00051		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	56-55-3	Benzo(a)anthracene	1.46	mg/kg		1.1	1.1		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	50-32-8	Benzo(a)pyrene	1.73	mg/kg		0.11	0.11		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.879	mg/kg		1.1	173		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	56832-73-6	Benzofluoranthenes, Total	2.54	mg/kg					
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	65-85-0	Benzoic acid	0.0488	mg/kg	U	1	24000		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	100-51-6	Benzyl alcohol	0.0302	mg/kg	U	120	605		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0172	mg/kg	U	18	18		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0274	mg/kg	UJ	0.22	0.22		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	18.5	mg/kg		0.02	37		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0373	mg/kg	UJ	298	298		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	85-68-7	Butyl benzylphthalate	0.132	mg/kg	J	90	278		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	86-74-8	Carbazole	0.138	mg/kg	J	7.5	7.5		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	218-01-9	Chrysene	1.46	mg/kg		1.1	106		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.363	mg/kg		0.1056	0.11		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	132-64-9	Dibenzofuran	0.0287	mg/kg	J	6.1	7.5		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	84-66-2	Diethyl phthalate	0.0244	mg/kg	U	100	4896		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	131-11-3	Dimethyl phthalate	0.0158	mg/kg	U	10	37		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	84-74-2	Di-n-butylphthalate	0.816	mg/kg	UJ	0.011	605		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	117-84-0	Di-n-octylphthalate	0.0373	mg/kg	U	0.91	60		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	206-44-0	Fluoranthene	2.07	mg/kg		1.1	230		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	86-73-7	Fluorene	0.0862	mg/kg		29	230		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	118-74-1	Hexachlorobenzene	0.0158	mg/kg	U	0.075	0.075		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.0203	mg/kg	UJ	0.001	0.17		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	67-72-1	Hexachloroethane	0.0273	mg/kg	U	0.024	1.7		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.895	mg/kg		1.1	1.1		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	78-59-1	Isophorone	0.0201	mg/kg	U	547	547		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	91-20-3	Naphthalene	0.0244	mg/kg		1.9	1.9		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	98-95-3	Nitrobenzene	0.0197	mg/kg	U	2.2	4.9		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	62-75-9	N-Nitrosodimethylamine	0.0158	mg/kg	U	0.0019	0.0019		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0158	mg/kg	U	0.075	0.075		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.0115	mg/kg	U	0.55	106		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	85-01-8	Phenanthrene	0.938	mg/kg		29	1728		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	108-95-2	Phenol	0.0287	mg/kg	U	0.79	1824		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	8270C	129-00-0	Pyrene	2.26	mg/kg		1.1	173		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	2.32996	mg/kg					
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	12.525	mg/kg		1.1			
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	1.639	mg/kg		29			
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	NWTPH-DX	TPH-D	Diesel Range Organics	42	mg/kg		260	1100		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	NWTPH-DX	MOIL	Residual Range Organics	266	mg/kg		260	2800		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	NWTPH-GX	TPH-G	Gasoline Range Organics	4.56	mg/kg	U	120	1200		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.079	mg/kg		1.8	1.8		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.0518	mg/kg		2.2	2.2		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000471	mg/kg	U	2.2	2.2		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	PSEP Butyltins	688-73-3	Tributyltin	0.48	mg/kg		2.2	2.2		
DSA11	723279.208	7834134.946	12/4/2001	0 - 0	SO	N	011204DSA11SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0227	mg/kg		0.0073	0.23		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	6010	7429-90-5	Aluminum	8280	mg/kg	J	50	7392		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	6010	7440-39-3	Barium	75.7	mg/kg		330	1440		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	6010	7440-41-7	Beryllium	0.231	mg/kg	J	15	15		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	6010	7440-70-2	Calcium	4450	mg/kg	J				
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	6010	7440-47-3	Chromium	53.2	mg/kg		0.29	0.29		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	6010	7440-48-4	Cobalt	12.4	mg/kg		2.2	2.2		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	6010	7440-50-8	Copper	44.6	mg/kg		28	298		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	6010	7439-89-6	Iron	22500	mg/kg		5280	5280		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	6010	7439-95-4	Magnesium	5700	mg/kg	J				
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	6010	7439-96-5	Manganese	471	mg/kg	J	173	173		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	6010	7440-02-0	Nickel	32.1	mg/kg		38	134		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	6010	7440-09-7	Potassium	648	mg/kg					
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	6010	7440-23-5	Sodium	422	mg/kg	U				
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	6010	7440-62-2	Vanadium	49.1	mg/kg		7.8	37		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	6010	7440-66-6	Zinc	103	mg/kg	J	46	2208		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	6020	7440-36-0	Antimony	1.26	mg/kg	U	0.27	3		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	6020	7440-38-2	Arsenic	7.83	mg/kg		0.43	0.43		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	6020	7440-43-9	Cadmium	1.14	mg/kg		0.36	0.68		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	6020	7439-92-1	Lead	137	mg/kg		11	192		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	6020	7782-49-2	Selenium	0.424	mg/kg	J	0.52	37		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	6020	7440-22-4	Silver	0.174	mg/kg	J	4.2	37		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	6020	7440-28-0	Thallium	0.0918	mg/kg	J	0.05	0.075		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	7471	7439-97-6	Mercury	0.048	mg/kg		0.013	1.1		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8081A	72-54-8	4,4'-DDD	0.00225	mg/kg	U	0.021	2.2		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8081A	72-55-9	4,4'-DDE	0.0023	mg/kg		0.021	1.8		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8081A	50-29-3	4,4'-DDT	0.0179	mg/kg		0.021	1.8		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8081A	309-00-2	Aldrin	0.00112	mg/kg	U	0.000085	0.031		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8081A	319-84-6	alpha-BHC	0.00112	mg/kg	U	0.0096	0.083		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8081A	319-85-7	beta-BHC	0.00112	mg/kg	U	0.0096	0.086		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8081A	319-86-8	delta-BHC	0.00112	mg/kg	U	0.0096	0.083		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8081A	60-57-1	Dieldrin	0.00225	mg/kg	U	0.0049	0.033		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8081A	959-98-8	Endosulfan I	0.00112	mg/kg	U	0.64	45		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8081A	33213-65-9	Endosulfan II	0.00225	mg/kg	U	0.64	45		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8081A	1031-07-8	Endosulfan sulfate	0.00225	mg/kg	U	0.64	36		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8081A	72-20-8	Endrin	0.00225	mg/kg	U	0.0014	1.8		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8081A	7421-93-4	Endrin aldehyde	0.00225	mg/kg	U	0.0014	1.8		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8081A	53494-70-5	Endrin ketone	0.00264	mg/kg		0.0014	1.8		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8081A	58-89-9	gamma-BHC (Lindane)	0.00112	mg/kg	U	0.0096	0.49		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8081A	76-44-8	Heptachlor	0.00112	mg/kg	U	0.0016	0.11		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8081A	1024-57-3	Heptachlor epoxide	0.00112	mg/kg	U	0.00015	0.055		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8081A	72-43-5	Methoxychlor	0.0112	mg/kg	U	5.1	31		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8081A	12789-03-6	technical-Chlordane	0.0112	mg/kg	U	0.27	1.6		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8081A	8001-35-2	Toxaphene	0.112	mg/kg	U	0.47	0.47		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8082	12674-11-2	Aroclor-1016	0.0114	mg/kg	U	0.041	0.1		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8082	11104-28-2	Aroclor-1221	0.0114	mg/kg	U	0.041	0.19		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8082	11141-16-5	Aroclor-1232	0.0114	mg/kg	U	0.041	0.16		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8082	53469-21-9	Aroclor-1242	0.0114	mg/kg	U	0.041	0.22		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8082	12672-29-6	Aroclor-1248	0.0114	mg/kg	U	0.041	0.22		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8082	11097-69-1	Aroclor-1254	0.0114	mg/kg	U	0.029	0.029		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8082	11096-82-5	Aroclor-1260	0.00792	mg/kg	J	0.041	0.23		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8151A	93-76-5	2,4,5-T	0.00716	mg/kg	U	60	60		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8151A	93-72-1	2,4,5-TP (Silvex)	0.00716	mg/kg	U	0.055	49		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8151A	94-75-7	2,4-D	0.00716	mg/kg	U	67	67		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8151A	94-82-6	2,4-DB	0.00716	mg/kg	U				
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8151A	120-36-5	2,4-DP (Dichloroprop)	0.00716	mg/kg	U				
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8151A	100-02-7	4-Nitrophenol	0.00716	mg/kg	U	5.1	1824		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8151A	75-99-0	Dalapon	0.00716	mg/kg	U	182	182		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8151A	1918-00-9	Dicamba	0.00716	mg/kg	U	182	182		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8151A	88-85-7	Dinoseb	0.00716	mg/kg	U	0.015	6		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8151A	94-74-6	MCPA	0.00716	mg/kg	U	3.1	3.1		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8151A	93-65-2	MCPP	0.00716	mg/kg	U	6	6		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8151A	87-86-5	Pentachlorophenol	0.00716	mg/kg	U	0.96	1		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.005	mg/kg	U	0.07	1.9		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	71-55-6	1,1,1-Trichloroethane	0.005	mg/kg	U	260	778		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.005	mg/kg	U	0.13	0.58		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	79-00-5	1,1,2-Trichloroethane	0.005	mg/kg	U	0.14	0.14		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	75-34-3	1,1-Dichloroethane	0.005	mg/kg	U	3.5	3.5		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	75-35-4	1,1-Dichloroethene	0.005	mg/kg	U	11	22		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	563-58-6	1,1-Dichloropropene	0.005	mg/kg	U	0.001	1.7		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.005	mg/kg	U	6	6		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	96-18-4	1,2,3-Trichloropropane	0.005	mg/kg	U	0.0049	0.0049		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.005	mg/kg	U	0.27	5.6		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.005	mg/kg	U	0.09	29		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.01	mg/kg	U	0.0051	0.0051		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.005	mg/kg	U	0.035	0.035		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	95-50-1	1,2-Dichlorobenzene	0.005	mg/kg	U	0.92	173		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	107-06-2	1,2-Dichloroethane	0.005	mg/kg	U	0.44	0.44		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	78-87-5	1,2-Dichloropropane	0.005	mg/kg	U	0.28	1.5		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.005	mg/kg	U	0.16	26		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	541-73-1	1,3-Dichlorobenzene	0.005	mg/kg	U	0.74	2.5		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	142-28-9	1,3-Dichloropropane	0.005	mg/kg	U	0.28	154		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	106-46-7	1,4-Dichlorobenzene	0.005	mg/kg	U	0.89	2.5		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	594-20-7	2,2-Dichloropropane	0.005	mg/kg	U	0.28	1.5		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	95-49-8	2-Chlorotoluene	0.005	mg/kg	U	154	154		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	591-78-6	2-Hexanone	0.025	mg/kg	UJ	0.36	19		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	106-43-4	4-Chlorotoluene	0.005	mg/kg	U	154	154		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	67-64-1	Acetone	0.025	mg/kg	U	1.2	6720		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	71-43-2	Benzene	0.005	mg/kg	U	1.2	1.2		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	108-86-1	Bromobenzene	0.005	mg/kg	U	28	28		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	74-97-5	Bromochloromethane	0.005	mg/kg	U	3.4	3.4		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	75-27-4	Bromodichloromethane	0.005	mg/kg	U	0.28	0.28		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	75-25-2	Bromoform	0.005	mg/kg	U	0.07	18		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	74-83-9	Bromomethane	0.01	mg/kg	U	0.002	0.65		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	75-15-0	Carbon disulfide	0.005	mg/kg	U	0.81	74		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	56-23-5	Carbon tetrachloride	0.005	mg/kg	U	0.62	0.62		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	108-90-7	Chlorobenzene	0.005	mg/kg	U	2.4	27		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	75-00-3	Chloroethane	0.01	mg/kg	U	518	518		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	67-66-3	Chloroform	0.005	mg/kg	U	0.31	0.31		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	74-87-3	Chloromethane	0.01	mg/kg	U	11	11		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.005	mg/kg	U	6	6		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.005	mg/kg	U	0.001	1.7		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	124-48-1	Dibromochloromethane	0.005	mg/kg	U	3.7	3.7		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	74-95-3	Dibromomethane	0.005	mg/kg	U	2.304	2.3		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	75-71-8	Dichlorodifluoromethane	0.01	mg/kg	U	8.4	8.4		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	100-41-4	Ethylbenzene	0.005	mg/kg	U	0.27	5.6		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	87-68-3	Hexachlorobutadiene	0.005	mg/kg	U	0.009	1.2		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	98-82-8	Isopropylbenzene	0.005	mg/kg	U	0.04	182		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	179601-23-1	m,p-Xylene	0.005	mg/kg	U	1.4	53		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	78-93-3	MEK (2-Butanone)	0.025	mg/kg	U	350	2592		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	75-09-2	Methylene chloride	0.005	mg/kg	U	2.6	34		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.025	mg/kg	U	9.7	3168		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	104-51-8	n-Butylbenzene	0.005	mg/kg	U	374	374		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	103-65-1	n-Propylbenzene	0.005	mg/kg	U	365	365		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	95-47-6	o-Xylene	0.005	mg/kg	U	1.4	61		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	99-87-6	p-Cymene	0.005	mg/kg	U	0.18	182		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	135-98-8	sec-Butylbenzene	0.005	mg/kg	U	749	749		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	100-42-5	Styrene	0.01	mg/kg	U	1.2	576		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	98-06-6	tert-Butylbenzene	0.005	mg/kg	U	749	749		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	127-18-4	Tetrachloroethene	0.0031	mg/kg	J	0.18	7.8		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	108-88-3	Toluene	0.005	mg/kg	U	23	470		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.005	mg/kg	U	6.7	6.7		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.005	mg/kg	U	0.001	1.7		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	79-01-6	Trichloroethene	0.005	mg/kg	U	0.39	0.39		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	75-69-4	Trichlorofluoromethane	0.01	mg/kg	U	52	2208		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	108-05-4	Vinyl acetate	0.01	mg/kg	U	87	87		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8260B	75-01-4	Vinyl chloride	0.01	mg/kg	U	0.057	0.057		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.15	mg/kg	UJ	4	605		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.15	mg/kg	UJ	6	6		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	120-83-2	2,4-Dichlorophenol	0.15	mg/kg	UJ	0.05	18		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	105-67-9	2,4-Dimethylphenol	0.15	mg/kg	UJ	0.04	125		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	51-28-5	2,4-Dinitrophenol	0.375	mg/kg	UJ	0.061	12		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	121-14-2	2,4-Dinitrotoluene	0.15	mg/kg	U	1.6	1.6		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	606-20-2	2,6-Dinitrotoluene	0.15	mg/kg	UJ	0.3456	0.35		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	91-58-7	2-Chloronaphthalene	0.015	mg/kg	U	461	461		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	95-57-8	2-Chlorophenol	0.15	mg/kg	UJ	0.39	37		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	91-57-6	2-Methylnaphthalene	0.186	mg/kg		23	23		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	95-48-7	2-Methylphenol	0.15	mg/kg	UJ	0.67	307		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	88-74-4	2-Nitroaniline	0.15	mg/kg	U	5.3	60		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	88-75-5	2-Nitrophenol	0.15	mg/kg	UJ	5.1	1824		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.15	mg/kg	U	0.03	1.2		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	99-09-2	3-Nitroaniline	0.15	mg/kg	U	0.02	60		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.375	mg/kg	UJ	0.49	0.49		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.15	mg/kg	U				
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.15	mg/kg	UJ	605	605		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	106-47-8	4-Chloroaniline	0.15	mg/kg	U	1	2.6		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.15	mg/kg	U				
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	100-01-6	4-Nitroaniline	0.15	mg/kg	U	0.02	24		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	83-32-9	Acenaphthene	0.573	mg/kg		29	346		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	208-96-8	Acenaphthylene	0.126	mg/kg		1.9	1.9		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	62-53-3	Aniline	0.15	mg/kg	U	42	42		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	120-12-7	Anthracene	0.951	mg/kg		29	1728		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	92-87-5	Benzidine	0.375	mg/kg	UJ	0.00051	0.00051		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	56-55-3	Benzo(a)anthracene	1.49	mg/kg		1.1	1.1		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	50-32-8	Benzo(a)pyrene	1.63	mg/kg		0.11	0.11		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.545	mg/kg		1.1	173		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	56832-73-6	Benzofluoranthenes, Total	1.83	mg/kg					
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	65-85-0	Benzoic acid	0.75	mg/kg	U	1	24000		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	100-51-6	Benzyl alcohol	0.15	mg/kg	U	120	605		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.15	mg/kg	U	18	18		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.15	mg/kg	UJ	0.22	0.22		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.44	mg/kg	UJ	0.02	37		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.15	mg/kg	UJ	298	298		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	85-68-7	Butyl benzylphthalate	0.15	mg/kg	U	90	278		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	86-74-8	Carbazole	0.267	mg/kg	J	7.5	7.5		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	218-01-9	Chrysene	1.65	mg/kg		1.1	106		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.216	mg/kg		0.1056	0.11		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	132-64-9	Dibenzofuran	0.179	mg/kg		6.1	7.5		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	84-66-2	Diethyl phthalate	0.15	mg/kg	U	100	4896		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	131-11-3	Dimethyl phthalate	0.15	mg/kg	U	10	37		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	84-74-2	Di-n-butylphthalate	0.75	mg/kg	UJ	0.011	605		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	117-84-0	Di-n-octylphthalate	0.15	mg/kg	U	0.91	60		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	206-44-0	Fluoranthene	2.76	mg/kg		1.1	230		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	86-73-7	Fluorene	0.591	mg/kg		29	230		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	118-74-1	Hexachlorobenzene	0.15	mg/kg	U	0.075	0.075		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.15	mg/kg	UJ	0.001	0.17		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	67-72-1	Hexachloroethane	0.15	mg/kg	U	0.024	1.7		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.546	mg/kg		1.1	1.1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	78-59-1	Isophorone	0.15	mg/kg	U	547	547		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	91-20-3	Naphthalene	0.296	mg/kg		1.9	1.9		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	98-95-3	Nitrobenzene	0.15	mg/kg	U	2.2	4.9		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	62-75-9	N-Nitrosodimethylamine	0.375	mg/kg	U	0.0019	0.0019		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.15	mg/kg	U	0.075	0.075		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.15	mg/kg	U	0.55	106		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	85-01-8	Phenanthrene	3.25	mg/kg		29	1728		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	108-95-2	Phenol	0.15	mg/kg	UJ	0.79	1824		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	8270C	129-00-0	Pyrene	3.78	mg/kg		1.1	173		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	NWTPH-DX	TPH-D	Diesel Range Organics	58.7	mg/kg		260	1100		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	NWTPH-DX	MOIL	Residual Range Organics	127	mg/kg		260	2800		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	FD	011204DSA14SS	NWTPH-GX	TPH-G	Gasoline Range Organics	4.9	mg/kg	U	120	1200		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	6010	7429-90-5	Aluminum	10400	mg/kg	J	50	7392		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	6010	7440-39-3	Barium	89	mg/kg		330	1440		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	6010	7440-41-7	Beryllium	0.24	mg/kg	J	15	15		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	6010	7440-70-2	Calcium	4770	mg/kg	J				
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	6010	7440-47-3	Chromium	44.4	mg/kg		0.29	0.29		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	6010	7440-48-4	Cobalt	12.7	mg/kg		2.2	2.2		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	6010	7440-50-8	Copper	41.1	mg/kg		28	298		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	6010	7439-89-6	Iron	21800	mg/kg		5280	5280		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	6010	7439-95-4	Magnesium	5500	mg/kg	J				
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	6010	7439-96-5	Manganese	457	mg/kg	J	173	173		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	6010	7440-02-0	Nickel	34.5	mg/kg		38	134		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	6010	7440-09-7	Potassium	720	mg/kg					
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	6010	7440-23-5	Sodium	158	mg/kg	U				
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	6010	7440-62-2	Vanadium	56	mg/kg		7.8	37		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	6010	7440-66-6	Zinc	90.5	mg/kg	J	46	2208		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	6020	7440-36-0	Antimony	3.27	mg/kg	U	0.27	3		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	6020	7440-38-2	Arsenic	6.14	mg/kg		0.43	0.43		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	6020	7440-43-9	Cadmium	1.31	mg/kg		0.36	0.68		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	6020	7439-92-1	Lead	151	mg/kg		11	192		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	6020	7782-49-2	Selenium	0.421	mg/kg	U	0.52	37		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	6020	7440-22-4	Silver	0.151	mg/kg	J	4.2	37		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	6020	7440-28-0	Thallium	0.102	mg/kg	J	0.05	0.075		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	7471	7439-97-6	Mercury	0.0297	mg/kg	J	0.013	1.1		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8081A	72-54-8	4,4'-DDD	0.00232	mg/kg	U	0.021	2.2		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8081A	72-55-9	4,4'-DDE	0.00258	mg/kg	J	0.021	1.8		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8081A	50-29-3	4,4'-DDT	0.0264	mg/kg	J	0.021	1.8		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8081A	309-00-2	Aldrin	0.00116	mg/kg	U	0.000085	0.031		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8081A	319-84-6	alpha-BHC	0.00116	mg/kg	U	0.0096	0.083		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8081A	319-85-7	beta-BHC	0.00116	mg/kg	U	0.0096	0.086		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8081A	319-86-8	delta-BHC	0.00116	mg/kg	U	0.0096	0.083		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8081A	60-57-1	Dieldrin	0.00232	mg/kg	U	0.0049	0.033		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8081A	959-98-8	Endosulfan I	0.00116	mg/kg	U	0.64	45		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8081A	33213-65-9	Endosulfan II	0.00232	mg/kg	U	0.64	45		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8081A	1031-07-8	Endosulfan sulfate	0.00232	mg/kg	U	0.64	36		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8081A	72-20-8	Endrin	0.00232	mg/kg	U	0.0014	1.8		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8081A	7421-93-4	Endrin aldehyde	0.00232	mg/kg	U	0.0014	1.8		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8081A	53494-70-5	Endrin ketone	0.00458	mg/kg	J	0.0014	1.8		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8081A	58-89-9	gamma-BHC (Lindane)	0.00116	mg/kg	U	0.0096	0.49		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8081A	76-44-8	Heptachlor	0.00116	mg/kg	U	0.0016	0.11		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8081A	1024-57-3	Heptachlor epoxide	0.00116	mg/kg	U	0.00015	0.055		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8081A	72-43-5	Methoxychlor	0.0116	mg/kg	U	5.1	31		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8081A	12789-03-6	technical-Chlordane	0.0116	mg/kg	U	0.27	1.6		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8081A	8001-35-2	Toxaphene	0.116	mg/kg	U	0.47	0.47		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8082	12674-11-2	Aroclor-1016	0.00129	mg/kg	U	0.041	0.1		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8082	11104-28-2	Aroclor-1221	0.00551	mg/kg	U	0.041	0.19		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8082	11141-16-5	Aroclor-1232	0.0044	mg/kg	U	0.041	0.16		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8082	53469-21-9	Aroclor-1242	0.00235	mg/kg	U	0.041	0.22		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8082	12672-29-6	Aroclor-1248	0.00585	mg/kg	U	0.041	0.22		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8082	11097-69-1	Aroclor-1254	0.00183	mg/kg	U	0.029	0.029		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8082	11096-82-5	Aroclor-1260	0.00867	mg/kg	J	0.041	0.23		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8151A	93-76-5	2,4,5-T	0.00175	mg/kg	U	60	60		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8151A	93-72-1	2,4,5-TP (Silvex)	0.00256	mg/kg	U	0.055	49		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8151A	94-75-7	2,4-D	0.000661	mg/kg	U	67	67		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8151A	94-82-6	2,4-DB	0.00112	mg/kg	U				
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8151A	120-36-5	2,4-DP (Dichloroprop)	0.000854	mg/kg	U				
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8151A	100-02-7	4-Nitrophenol	0.00177	mg/kg	U	5.1	1824		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8151A	75-99-0	Dalapon	0.00245	mg/kg	U	182	182		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8151A	1918-00-9	Dicamba	0.00195	mg/kg	U	182	182		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8151A	88-85-7	Dinoseb	0.000661	mg/kg	U	0.015	6		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8151A	94-74-6	MCPA	0.00121	mg/kg	U	3.1	3.1		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8151A	93-65-2	MCPP	0.00219	mg/kg	U	6	6		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8151A	87-86-5	Pentachlorophenol	0.000935	mg/kg	U	0.96	1		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.003	mg/kg	U	0.07	1.9		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	71-55-6	1,1,1-Trichloroethane	0.001	mg/kg	U	260	778		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.003	mg/kg	U	0.13	0.58		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	79-00-5	1,1,2-Trichloroethane	0.003	mg/kg	U	0.14	0.14		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	75-34-3	1,1-Dichloroethane	0.001	mg/kg	U	3.5	3.5		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	75-35-4	1,1-Dichloroethene	0.002	mg/kg	U	11	22		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	563-58-6	1,1-Dichloropropene	0.001	mg/kg	U	0.001	1.7		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.002	mg/kg	U	6	6		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	96-18-4	1,2,3-Trichloropropane	0.003	mg/kg	U	0.0049	0.0049		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.002	mg/kg	U	0.09	29		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.003	mg/kg	U	0.0051	0.0051		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.003	mg/kg	U	0.035	0.035		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	107-06-2	1,2-Dichloroethane	0.001	mg/kg	U	0.44	0.44		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	78-87-5	1,2-Dichloropropane	0.001	mg/kg	U	0.28	1.5		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.002	mg/kg	U	0.16	26		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	541-73-1	1,3-Dichlorobenzene	0.002	mg/kg	U	0.74	2.5		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	142-28-9	1,3-Dichloropropane	0.003	mg/kg	U	0.28	154		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	106-46-7	1,4-Dichlorobenzene	0.002	mg/kg	U	0.89	2.5		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	594-20-7	2,2-Dichloropropane	0.002	mg/kg	U	0.28	1.5		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	95-49-8	2-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	591-78-6	2-Hexanone	0.01	mg/kg	UJ	0.36	19		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	106-43-4	4-Chlorotoluene	0.002	mg/kg	U	154	154		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	67-64-1	Acetone	0.015	mg/kg	U	1.2	6720		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	71-43-2	Benzene	0.002	mg/kg	U	1.2	1.2		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	108-86-1	Bromobenzene	0.002	mg/kg	U	28	28		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	74-97-5	Bromochloromethane	0.001	mg/kg	U	3.4	3.4		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	75-27-4	Bromodichloromethane	0.001	mg/kg	U	0.28	0.28		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	75-25-2	Bromoform	0.003	mg/kg	U	0.07	18		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	74-83-9	Bromomethane	0.008	mg/kg	U	0.002	0.65		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	75-15-0	Carbon disulfide	0.003	mg/kg	U	0.81	74		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	56-23-5	Carbon tetrachloride	0.001	mg/kg	U	0.62	0.62		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	108-90-7	Chlorobenzene	0.002	mg/kg	U	2.4	27		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	75-00-3	Chloroethane	0.002	mg/kg	U	518	518		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	67-66-3	Chloroform	0.001	mg/kg	U	0.31	0.31		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	74-87-3	Chloromethane	0.003	mg/kg	U	11	11		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.002	mg/kg	U	6	6		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.001	mg/kg	U	0.001	1.7		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	124-48-1	Dibromochloromethane	0.001	mg/kg	U	3.7	3.7		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	74-95-3	Dibromomethane	0.001	mg/kg	U	2.304	2.3		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	75-71-8	Dichlorodifluoromethane	0.001	mg/kg	U	8.4	8.4		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	100-41-4	Ethylbenzene	0.002	mg/kg	U	0.27	5.6		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	98-82-8	Isopropylbenzene	0.002	mg/kg	U	0.04	182		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	179601-23-1	m,p-Xylene	0.003	mg/kg	U	1.4	53		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	78-93-3	MEK (2-Butanone)	0.015	mg/kg	U	350	2592		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	75-09-2	Methylene chloride	0.003	mg/kg	U	2.6	34		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.01	mg/kg	U	9.7	3168		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	104-51-8	n-Butylbenzene	0.002	mg/kg	U	374	374		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	103-65-1	n-Propylbenzene	0.002	mg/kg	U	365	365		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	95-47-6	o-Xylene	0.002	mg/kg	U	1.4	61		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	99-87-6	p-Cymene	0.002	mg/kg	U	0.18	182		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	135-98-8	sec-Butylbenzene	0.002	mg/kg	U	749	749		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	100-42-5	Styrene	0.002	mg/kg	U	1.2	576		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	98-06-6	tert-Butylbenzene	0.002	mg/kg	U	749	749		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	127-18-4	Tetrachloroethene	0.002	mg/kg	U	0.18	7.8		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	108-88-3	Toluene	0.002	mg/kg	U	23	470		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.002	mg/kg	U	6.7	6.7		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.003	mg/kg	U	0.001	1.7		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	79-01-6	Trichloroethene	0.002	mg/kg	U	0.39	0.39		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	75-69-4	Trichlorofluoromethane	0.002	mg/kg	U	52	2208		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	108-05-4	Vinyl acetate	0.005	mg/kg	U	87	87		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8260B	75-01-4	Vinyl chloride	0.002	mg/kg	U	0.057	0.057		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	120-82-1	1,2,4-Trichlorobenzene	0.00132	mg/kg	U	0.27	5.6		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	95-50-1	1,2-Dichlorobenzene	0.00164	mg/kg	U	0.92	173		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.00286	mg/kg	U	4	605		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.00211	mg/kg	UJ	6	6		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	120-83-2	2,4-Dichlorophenol	0.00175	mg/kg	U	0.05	18		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	105-67-9	2,4-Dimethylphenol	0.00175	mg/kg	U	0.04	125		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	51-28-5	2,4-Dinitrophenol	0.00381	mg/kg	U	0.061	12		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00207	mg/kg	U	1.6	1.6		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00286	mg/kg	UJ	0.3456	0.35		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	91-58-7	2-Chloronaphthalene	0.000477	mg/kg	U	461	461		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	95-57-8	2-Chlorophenol	0.00238	mg/kg	U	0.39	37		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	91-57-6	2-Methylnaphthalene	0.114	mg/kg		23	23		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	95-48-7	2-Methylphenol	0.00191	mg/kg	U	0.67	307		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	88-74-4	2-Nitroaniline	0.00207	mg/kg	U	5.3	60		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	88-75-5	2-Nitrophenol	0.00222	mg/kg	U	5.1	1824		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00175	mg/kg	U	0.03	1.2		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	99-09-2	3-Nitroaniline	0.0027	mg/kg	U	0.02	60		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00588	mg/kg	U	0.49	0.49		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00211	mg/kg	U				
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.00175	mg/kg	U	605	605		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	106-47-8	4-Chloroaniline	0.00148	mg/kg	U	1	2.6		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00267	mg/kg	U				
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	106-44-5	4-Methylphenol	0.00235	mg/kg	U	0.08	125		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	100-01-6	4-Nitroaniline	0.0027	mg/kg	U	0.02	24		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	83-32-9	Acenaphthene	0.366	mg/kg		29	346		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	208-96-8	Acenaphthylene	0.0494	mg/kg		1.9	1.9		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	62-53-3	Aniline	0.00795	mg/kg	U	42	42		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	120-12-7	Anthracene	0.693	mg/kg		29	1728		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	92-87-5	Benzidine	0.003	mg/kg	UJ	0.00051	0.00051		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	56-55-3	Benzo(a)anthracene	1.16	mg/kg		1.1	1.1		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	50-32-8	Benzo(a)pyrene	1.53	mg/kg		0.11	0.11		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.572	mg/kg		1.1	173		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	56832-73-6	Benzofluoranthenes, Total	1.87	mg/kg					
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	65-85-0	Benzoic acid	0.0054	mg/kg	U	1	24000		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	100-51-6	Benzyl alcohol	0.00334	mg/kg	U	120	605		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00191	mg/kg	U	18	18		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00304	mg/kg	UJ	0.22	0.22		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	1.5	mg/kg		0.02	37		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.00413	mg/kg	UJ	298	298		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	85-68-7	Butyl benzylphthalate	0.0157	mg/kg	J	90	278		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	86-74-8	Carbazole	0.213	mg/kg		7.5	7.5		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	218-01-9	Chrysene	1.59	mg/kg		1.1	106		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.00037	mg/kg	U	0.1056	0.11		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	132-64-9	Dibenzofuran	0.103	mg/kg		6.1	7.5		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	84-66-2	Diethyl phthalate	0.0027	mg/kg	U	100	4896		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	131-11-3	Dimethyl phthalate	0.00175	mg/kg	U	10	37		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	84-74-2	Di-n-butylphthalate	0.193	mg/kg	UJ	0.011	605		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	117-84-0	Di-n-octylphthalate	0.031	mg/kg		0.91	60		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	206-44-0	Fluoranthene	2.46	mg/kg		1.1	230		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	86-73-7	Fluorene	0.334	mg/kg		29	230		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	118-74-1	Hexachlorobenzene	0.00175	mg/kg	U	0.075	0.075		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	87-68-3	Hexachlorobutadiene	0.00143	mg/kg	U	0.009	1.2		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.00224	mg/kg	UJ	0.001	0.17		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	67-72-1	Hexachloroethane	0.00302	mg/kg	U	0.024	1.7		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.547	mg/kg		1.1	1.1		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	78-59-1	Isophorone	0.00222	mg/kg	U	547	547		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	91-20-3	Naphthalene	0.158	mg/kg		1.9	1.9		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	98-95-3	Nitrobenzene	0.00218	mg/kg	U	2.2	4.9		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00175	mg/kg	U	0.0019	0.0019		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00175	mg/kg	U	0.075	0.075		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.00127	mg/kg	U	0.55	106		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	85-01-8	Phenanthrene	2.79	mg/kg		29	1728		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	108-95-2	Phenol	0.00318	mg/kg	U	0.79	1824		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	8270C	129-00-0	Pyrene	3.19	mg/kg		1.1	173		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	1.70388	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	11.941	mg/kg		1.1			
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	5.089	mg/kg		29			
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	NWTPH-DX	TPH-D	Diesel Range Organics	43.9	mg/kg		260	1100		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	NWTPH-DX	MOIL	Residual Range Organics	102	mg/kg		260	2800		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	NWTPH-GX	TPH-G	Gasoline Range Organics	4.46	mg/kg	U	120	1200		
DSA12	723253.01	7834041.688	12/4/2001	0 - 0	SO	N	011204DSA12SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0101	mg/kg		0.0073	0.23		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.1032	mg/kg		0.0073	0.23		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	2051-60-7	PCB-1	0.0000077	mg/kg	J+				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	33146-45-1	PCB-10	0.0000053	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	39485-83-1	PCB-100	0.0000021	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	37680-73-2	PCB-101	0.0015	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	68194-06-9	PCB-102	0.0000021	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	60145-21-3	PCB-103	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	56558-16-8	PCB-104	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	32598-14-4	PCB-105	0.00035	mg/kg		0.0043	0.12		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	70424-69-0	PCB-106	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	70424-68-9	PCB-107	0.000072	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	70362-41-3	PCB-108	0.00059	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74472-35-8	PCB-109	0.000091	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	2050-67-1	PCB-11	0.000021	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	38380-03-9	PCB-110	0.0012	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	39635-32-0	PCB-111	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74472-36-9	PCB-112	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	68194-10-5	PCB-113	0.0015	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74472-37-0	PCB-114	0.0000011	mg/kg	U	0.003	0.12		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74472-38-1	PCB-115	0.0012	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	18259-05-7	PCB-116	0.00013	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	68194-11-6	PCB-117	0.00013	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	31508-00-6	PCB-118	0.00086	mg/kg		0.0022	0.12		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	56558-17-9	PCB-119	0.00059	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	2974-92-7	PCB-12	0.000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	68194-12-7	PCB-120	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	56558-18-0	PCB-121	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	76842-07-4	PCB-122	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	65510-44-3	PCB-123	0.0000011	mg/kg	U	0.003	0.12		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	70424-70-3	PCB-124	0.000072	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74472-39-2	PCB-125	0.00059	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	57465-28-8	PCB-126	0.000048	mg/kg		0.00000087	0.000035		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	39635-33-1	PCB-127	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	38380-07-3	PCB-128	0.00057	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	55215-18-4	PCB-129	0.006	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	2974-90-5	PCB-13	0.000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52663-66-8	PCB-130	0.00023	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	61798-70-7	PCB-131	0.000037	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	38380-05-1	PCB-132	0.0011	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	35694-04-3	PCB-133	0.000072	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52704-70-8	PCB-134	0.00017	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52744-13-5	PCB-135	0.0017	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	38411-22-2	PCB-136	0.00037	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	35694-06-5	PCB-137	0.00006	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	35065-28-2	PCB-138	0.006	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	56030-56-9	PCB-139	0.000033	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	34883-41-5	PCB-14	0.0000053	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	59291-64-4	PCB-140	0.000033	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52712-04-6	PCB-141	0.0014	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	41411-61-4	PCB-142	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	68194-15-0	PCB-143	0.00017	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	68194-14-9	PCB-144	0.00023	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74472-40-5	PCB-145	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	51908-16-8	PCB-146	0.00069	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	68194-13-8	PCB-147	0.0039	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74472-41-6	PCB-148	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	38380-04-0	PCB-149	0.0039	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	2050-68-2	PCB-15	0.0000053	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	68194-08-1	PCB-150	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52663-63-5	PCB-151	0.0017	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	68194-09-2	PCB-152	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	35065-27-1	PCB-153	0.0048	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	60145-22-4	PCB-154	0.000021	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	33979-03-2	PCB-155	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	38380-08-4	PCB-156	0.00046	mg/kg		0.0014	0.12		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	69782-90-7	PCB-157	0.00046	mg/kg		0.0014	0.12		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74472-42-7	PCB-158	0.00047	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	39635-35-3	PCB-159	0.00013	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	38444-78-9	PCB-16	0.000012	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	41411-62-5	PCB-160	0.0000021	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74472-43-8	PCB-161	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	39635-34-2	PCB-162	0.000021	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74472-44-9	PCB-163	0.006	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74472-45-0	PCB-164	0.00046	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74472-46-1	PCB-165	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	41411-63-6	PCB-166	0.00057	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52663-72-6	PCB-167	0.00024	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	59291-65-5	PCB-168	0.0048	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	32774-16-6	PCB-169	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	37680-66-3	PCB-17	0.000013	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	35065-30-6	PCB-170	0.0033	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52663-71-5	PCB-171	0.00079	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52663-74-8	PCB-172	0.00061	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	68194-16-1	PCB-173	0.00079	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	38411-25-5	PCB-174	0.0031	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	40186-70-7	PCB-175	0.00012	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52663-65-7	PCB-176	0.00029	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52663-70-4	PCB-177	0.0016	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52663-67-9	PCB-178	0.00065	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52663-64-6	PCB-179	0.0009	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	37680-65-2	PCB-18	0.000021	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	35065-29-3	PCB-180	0.0065	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74472-47-2	PCB-181	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	60145-23-5	PCB-182	0.0000011	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52663-69-1	PCB-183	0.0014	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74472-48-3	PCB-184	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52712-05-7	PCB-185	0.00043	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74472-49-4	PCB-186	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52663-68-0	PCB-187	0.0027	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74487-85-7	PCB-188	0.000003	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	39635-31-9	PCB-189	0.00012	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	38444-73-4	PCB-19	0.0000031	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	41411-64-7	PCB-190	0.00061	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74472-50-7	PCB-191	0.00013	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74472-51-8	PCB-192	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	69782-91-8	PCB-193	0.0065	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	35694-08-7	PCB-194	0.0015	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52663-78-2	PCB-195	0.00063	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	42740-50-1	PCB-196	0.00074	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	33091-17-7	PCB-197	0.000038	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	68194-17-2	PCB-198	0.0017	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52663-75-9	PCB-199	0.0017	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	2051-61-8	PCB-2	0.00002	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	38444-84-7	PCB-20	0.00004	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52663-73-7	PCB-200	0.00026	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	40186-71-8	PCB-201	0.00018	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	2136-99-4	PCB-202	0.00032	mg/kg	J-				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52663-76-0	PCB-203	0.00098	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74472-52-9	PCB-204	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74472-53-0	PCB-205	0.00011	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	40186-72-9	PCB-206	0.00051	mg/kg	J-				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52663-79-3	PCB-207	0.000071	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52663-77-1	PCB-208	0.00014	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	2051-24-3	PCB-209	0.000076	mg/kg	J-				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	55702-46-0	PCB-21	0.00003	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	38444-85-8	PCB-22	0.000017	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	55720-44-0	PCB-23	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	55702-45-9	PCB-24	0.00000068	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	55712-37-3	PCB-25	0.0000037	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	38444-81-4	PCB-26	0.0000087	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	38444-76-7	PCB-27	0.0000022	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	7012-37-5	PCB-28	0.00004	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	15862-07-4	PCB-29	0.0000087	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	2051-62-9	PCB-3	0.000018	mg/kg	J+				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	35693-92-6	PCB-30	0.000021	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	16606-02-3	PCB-31	0.000038	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	38444-77-8	PCB-32	0.0000071	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	38444-86-9	PCB-33	0.00003	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	37680-68-5	PCB-34	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	37680-69-6	PCB-35	0.0000061	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	38444-87-0	PCB-36	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	38444-90-5	PCB-37	0.000028	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	53555-66-1	PCB-38	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	38444-88-1	PCB-39	0.0000011	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	13029-08-8	PCB-4	0.0000053	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	38444-93-8	PCB-40	0.000029	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52663-59-9	PCB-41	0.0000058	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	36559-22-5	PCB-42	0.000015	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	70362-46-8	PCB-43	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	41464-39-5	PCB-44	0.00011	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	70362-45-7	PCB-45	0.0000084	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	41464-47-5	PCB-46	0.0000033	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	2437-79-8	PCB-47	0.00011	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	70362-47-9	PCB-48	0.00001	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	41464-40-8	PCB-49	0.000061	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	16605-91-7	PCB-5	0.0000053	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	62796-65-0	PCB-50	0.000011	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	68194-04-7	PCB-51	0.0000022	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	35693-99-3	PCB-52	0.00021	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	41464-41-9	PCB-53	0.000011	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	15968-05-5	PCB-54	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74338-24-2	PCB-55	0.000057	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	41464-43-1	PCB-56	0.000042	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	70424-67-8	PCB-57	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	41464-49-7	PCB-58	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74472-33-6	PCB-59	0.0000054	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	25569-80-6	PCB-6	0.0000053	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	33025-41-1	PCB-60	0.000022	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	33284-53-6	PCB-61	0.00025	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	54230-22-7	PCB-62	0.0000054	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74472-34-7	PCB-63	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52663-58-8	PCB-64	0.000037	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	33284-54-7	PCB-65	0.00011	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	32598-10-0	PCB-66	0.000023	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	73575-53-8	PCB-67	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	73575-52-7	PCB-68	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	60233-24-1	PCB-69	0.000061	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	33284-50-3	PCB-7	0.0000053	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	32598-11-1	PCB-70	0.00025	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	41464-46-4	PCB-71	0.000029	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	41464-42-0	PCB-72	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	74338-23-1	PCB-73	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	32690-93-0	PCB-74	0.00025	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	32598-12-2	PCB-75	0.0000054	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	70362-48-0	PCB-76	0.00025	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	32598-13-3	PCB-77	0.000028	mg/kg		0.000017	0.036		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	70362-49-1	PCB-78	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	41464-48-6	PCB-79	0.000011	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	34883-43-7	PCB-8	0.0000053	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	33284-52-5	PCB-80	0.0000075	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	70362-50-4	PCB-81	0.0000038	mg/kg		0.00015	0.012		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52663-62-4	PCB-82	0.00009	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	60145-20-2	PCB-83	0.000053	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52663-60-2	PCB-84	0.00022	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	65510-45-4	PCB-85	0.00013	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	55312-69-1	PCB-86	0.00059	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	38380-02-8	PCB-87	0.00059	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	55215-17-3	PCB-88	0.000097	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	73575-57-2	PCB-89	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	34883-39-1	PCB-9	0.0000053	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	68194-07-0	PCB-90	0.0015	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	68194-05-8	PCB-91	0.000097	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	52663-61-3	PCB-92	0.00025	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	73575-56-1	PCB-93	0.0000021	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	73575-55-0	PCB-94	0.0000011	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	38379-99-6	PCB-95	0.00098	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	73575-54-9	PCB-96	0.0000034	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	41464-51-1	PCB-97	0.00059	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	60233-25-2	PCB-98	0.0000021	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	1668C	38380-01-7	PCB-99	0.0003	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6010C	7429-90-5	Aluminum	18500	mg/kg		50	7392		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6010C	7440-38-2	Arsenic	0.943	mg/kg	U	0.43	0.43		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6010C	7440-39-3	Barium	103	mg/kg		330	1440		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6010C	7440-41-7	Beryllium	0.0943	mg/kg		15	15		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6010C	7440-43-9	Cadmium	0.504	mg/kg	J	0.36	0.68		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6010C	7440-70-2	Calcium	6440	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6010C	7440-47-3	Chromium	115	mg/kg		0.29	0.29		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6010C	7440-48-4	Cobalt	13.1	mg/kg		2.2	2.2		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6010C	7440-50-8	Copper	49.4	mg/kg		28	298		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6010C	7439-89-6	Iron	32000	mg/kg		5280	5280		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6010C	7439-92-1	Lead	497	mg/kg		11	192		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6010C	7439-95-4	Magnesium	8280	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6010C	7439-96-5	Manganese	506	mg/kg		173	173		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6010C	7440-02-0	Nickel	50.1	mg/kg		38	134		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6010C	7440-09-7	Potassium	1080	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6010C	7440-23-5	Sodium	415	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6010C	7440-28-0	Thallium	0.943	mg/kg	U	0.05	0.075		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6010C	7440-62-2	Vanadium	58.5	mg/kg		7.8	37		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6010C	7440-66-6	Zinc	134	mg/kg		46	2208		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6020A	7440-38-2	Arsenic	5	ug/L	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6020A	7440-39-3	Barium	214	ug/L					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6020A	7440-43-9	Cadmium	5.61	ug/L					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6020A	7440-47-3	Chromium	6.86	ug/L	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6020A	7439-92-1	Lead	1250	ug/L					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6020A	7782-49-2	Selenium	10	ug/L	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6020A	7440-22-4	Silver	1	ug/L	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6020B	7440-36-0	Antimony	0.99	mg/kg		0.27	3		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6020B	7782-49-2	Selenium	2.6	mg/kg		0.52	37		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW6020B	7440-22-4	Silver	0.077	mg/kg	J	4.2	37		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW7470A	7439-97-6	Mercury	0.4	ug/L	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW7471B	7439-97-6	Mercury	0.0228	mg/kg	J	0.013	1.1		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8081B	53-19-0	2,4-DDD	0.0248	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8081B	3424-82-6	2,4-DDE	0.0012	mg/kg	J				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8081B	789-02-6	2,4-DDT	0.00205	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8081B	72-54-8	4,4'-DDD	0.0041	mg/kg	U	0.021	2.2		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8081B	72-55-9	4,4'-DDE	0.00205	mg/kg	U	0.021	1.8		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8081B	50-29-3	4,4'-DDT	0.00949	mg/kg		0.021	1.8		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8081B	309-00-2	Aldrin	0.00205	mg/kg	U	0.000085	0.031		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8081B	5103-71-9	alpha-Chlordane	0.00205	mg/kg	U	0.27	1.7		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8081B	60-57-1	Dieldrin	0.00205	mg/kg	U	0.0049	0.033		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8081B	959-98-8	Endosulfan I	0.00205	mg/kg	U	0.64	45		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8081B	33213-65-9	Endosulfan II	0.00205	mg/kg	U	0.64	45		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8081B	1031-07-8	Endosulfan sulfate	0.0041	mg/kg	U	0.64	36		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8081B	72-20-8	Endrin	0.00205	mg/kg	U	0.0014	1.8		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8081B	7421-93-4	Endrin aldehyde	0.0041	mg/kg	U	0.0014	1.8		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8081B	53494-70-5	Endrin ketone	0.0041	mg/kg	U	0.0014	1.8		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00205	mg/kg	U	0.0096	0.49		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8081B	5103-74-2	gamma-Chlordane	0.0041	mg/kg	U	0.27	1.7		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8081B	76-44-8	Heptachlor	0.0041	mg/kg	U	0.0016	0.11		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8081B	1024-57-3	Heptachlor epoxide	0.0041	mg/kg	U	0.00015	0.055		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8081B	72-43-5	Methoxychlor	0.0041	mg/kg	U	5.1	31		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8081B	27304-13-8	Oxychlordane	0.00205	mg/kg	U				
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8082A	12674-11-2	Aroclor-1016	0.0015	mg/kg	U	0.041	0.1		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8082A	11104-28-2	Aroclor-1221	0.001	mg/kg	U	0.041	0.19		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8082A	11141-16-5	Aroclor-1232	0.001	mg/kg	U	0.041	0.16		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8082A	53469-21-9	Aroclor-1242	0.001	mg/kg	U	0.041	0.22		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8082A	12672-29-6	Aroclor-1248	0.00062	mg/kg	U	0.041	0.22		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8082A	11097-69-1	Aroclor-1254	0.001	mg/kg	U	0.029	0.029		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8082A	11096-82-5	Aroclor-1260	0.062	mg/kg		0.041	0.23		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	91-57-6	2-Methylnaphthalene	0.0756	mg/kg	U	23	23		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	83-32-9	Acenaphthene	0.0622	mg/kg	J	29	346		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	208-96-8	Acenaphthylene	0.0336	mg/kg	J	1.9	1.9		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	120-12-7	Anthracene	0.205	mg/kg		29	1728		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	56-55-3	Benzo(a)anthracene	1.51	mg/kg		1.1	1.1		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	50-32-8	Benzo(a)pyrene	1.34	mg/kg		0.11	0.11		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	205-99-2	Benzo(b)fluoranthene	2.21	mg/kg		1.1	1.1		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.871	mg/kg		1.1	173		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	207-08-9	Benzo(k)fluoranthene	0.829	mg/kg		1.1	11		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	22.2	mg/kg		0.02	37		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	85-68-7	Butyl benzylphthalate	0.151	mg/kg	U	90	278		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	86-74-8	Carbazole	0.129	mg/kg		7.5	7.5		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	218-01-9	Chrysene	1.83	mg/kg		1.1	106		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.324	mg/kg		0.1056	0.11		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	132-64-9	Dibenzofuran	0.0756	mg/kg	U	6.1	7.5		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	84-74-2	Di-n-butylphthalate	0.158	mg/kg	J	0.011	605		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	206-44-0	Fluoranthene	2.75	mg/kg		1.1	230		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	86-73-7	Fluorene	0.0723	mg/kg	J	29	230		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.978	mg/kg		1.1	1.1		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	91-20-3	Naphthalene	0.101	mg/kg	U	1.9	1.9		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	85-01-8	Phenanthrene	1.15	mg/kg		29	1728		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	108-95-2	Phenol	0.101	mg/kg	U	0.79	1824		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	SW8270D	129-00-0	Pyrene	2.41	mg/kg		1.1	173		
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	2.1439	mg/kg					
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	15.052	mg/kg		1.1			

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-1	723546.262	7834106.51	8/16/2021	0 - 0	SO	N	SA-DU1-01	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	4.2966	mg/kg		29			
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0284	mg/kg		0.0073	0.23		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	2051-60-7	PCB-1	0.0000022	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	33146-45-1	PCB-10	0.0000055	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	39485-83-1	PCB-100	0.0000022	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	37680-73-2	PCB-101	0.00042	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	68194-06-9	PCB-102	0.0000022	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	60145-21-3	PCB-103	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	56558-16-8	PCB-104	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	32598-14-4	PCB-105	0.00018	mg/kg		0.0043	0.12		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	70424-69-0	PCB-106	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	70424-68-9	PCB-107	0.000029	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	70362-41-3	PCB-108	0.00025	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74472-35-8	PCB-109	0.000035	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	2050-67-1	PCB-11	0.000022	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	38380-03-9	PCB-110	0.00051	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	39635-32-0	PCB-111	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74472-36-9	PCB-112	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	68194-10-5	PCB-113	0.00042	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74472-37-0	PCB-114	0.000008	mg/kg		0.003	0.12		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74472-38-1	PCB-115	0.00051	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	18259-05-7	PCB-116	0.000077	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	68194-11-6	PCB-117	0.000077	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	31508-00-6	PCB-118	0.00037	mg/kg		0.0022	0.12		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	56558-17-9	PCB-119	0.00025	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	2974-92-7	PCB-12	0.000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	68194-12-7	PCB-120	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	56558-18-0	PCB-121	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	76842-07-4	PCB-122	0.0000078	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	65510-44-3	PCB-123	0.0000093	mg/kg		0.003	0.12		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	70424-70-3	PCB-124	0.000029	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74472-39-2	PCB-125	0.00025	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	57465-28-8	PCB-126	0.000006	mg/kg		0.00000087	0.000035		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	39635-33-1	PCB-127	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	38380-07-3	PCB-128	0.00021	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	55215-18-4	PCB-129	0.0014	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	2974-90-5	PCB-13	0.000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52663-66-8	PCB-130	0.000084	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	61798-70-7	PCB-131	0.0000086	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	38380-05-1	PCB-132	0.00031	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	35694-04-3	PCB-133	0.000016	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52704-70-8	PCB-134	0.000044	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52744-13-5	PCB-135	0.00038	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	38411-22-2	PCB-136	0.000088	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	35694-06-5	PCB-137	0.000036	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	35065-28-2	PCB-138	0.0014	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	56030-56-9	PCB-139	0.000011	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	34883-41-5	PCB-14	0.0000055	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	59291-64-4	PCB-140	0.000011	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52712-04-6	PCB-141	0.00031	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	41411-61-4	PCB-142	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	68194-15-0	PCB-143	0.000044	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	68194-14-9	PCB-144	0.000053	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74472-40-5	PCB-145	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	51908-16-8	PCB-146	0.00017	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	68194-13-8	PCB-147	0.00083	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74472-41-6	PCB-148	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	38380-04-0	PCB-149	0.00083	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	2050-68-2	PCB-15	0.0000055	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	68194-08-1	PCB-150	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52663-63-5	PCB-151	0.00038	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	68194-09-2	PCB-152	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	35065-27-1	PCB-153	0.0011	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	60145-22-4	PCB-154	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	33979-03-2	PCB-155	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	38380-08-4	PCB-156	0.00016	mg/kg		0.0014	0.12		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	69782-90-7	PCB-157	0.00016	mg/kg		0.0014	0.12		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74472-42-7	PCB-158	0.00014	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	39635-35-3	PCB-159	0.000032	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	38444-78-9	PCB-16	0.0000029	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	41411-62-5	PCB-160	0.0000022	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74472-43-8	PCB-161	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	39635-34-2	PCB-162	0.0000047	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74472-44-9	PCB-163	0.0014	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74472-45-0	PCB-164	0.00013	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74472-46-1	PCB-165	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	41411-63-6	PCB-166	0.00021	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52663-72-6	PCB-167	0.000072	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	59291-65-5	PCB-168	0.0011	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	32774-16-6	PCB-169	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	37680-66-3	PCB-17	0.0000041	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	35065-30-6	PCB-170	0.00088	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52663-71-5	PCB-171	0.00022	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52663-74-8	PCB-172	0.00018	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	68194-16-1	PCB-173	0.00022	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	38411-25-5	PCB-174	0.00075	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	40186-70-7	PCB-175	0.000031	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52663-65-7	PCB-176	0.000072	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52663-70-4	PCB-177	0.00043	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52663-67-9	PCB-178	0.00017	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52663-64-6	PCB-179	0.00021	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	37680-65-2	PCB-18	0.0000058	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	35065-29-3	PCB-180	0.0017	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74472-47-2	PCB-181	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	60145-23-5	PCB-182	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52663-69-1	PCB-183	0.00036	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74472-48-3	PCB-184	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52712-05-7	PCB-185	0.00011	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74472-49-4	PCB-186	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52663-68-0	PCB-187	0.00076	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74487-85-7	PCB-188	0.00000096	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	39635-31-9	PCB-189	0.000038	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	38444-73-4	PCB-19	0.0000022	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	41411-64-7	PCB-190	0.00019	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74472-50-7	PCB-191	0.000038	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74472-51-8	PCB-192	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	69782-91-8	PCB-193	0.0017	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	35694-08-7	PCB-194	0.00054	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52663-78-2	PCB-195	0.0002	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	42740-50-1	PCB-196	0.00024	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	33091-17-7	PCB-197	0.000012	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	68194-17-2	PCB-198	0.00052	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52663-75-9	PCB-199	0.00052	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	2051-61-8	PCB-2	0.0000054	mg/kg	J+				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	38444-84-7	PCB-20	0.000011	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52663-73-7	PCB-200	0.000076	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	40186-71-8	PCB-201	0.000055	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	2136-99-4	PCB-202	0.000099	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52663-76-0	PCB-203	0.00031	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74472-52-9	PCB-204	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74472-53-0	PCB-205	0.000045	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	40186-72-9	PCB-206	0.00018	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52663-79-3	PCB-207	0.000022	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52663-77-1	PCB-208	0.000049	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	2051-24-3	PCB-209	0.000038	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	55702-46-0	PCB-21	0.0000069	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	38444-85-8	PCB-22	0.0000044	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	55720-44-0	PCB-23	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	55702-45-9	PCB-24	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	55712-37-3	PCB-25	0.0000011	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	38444-81-4	PCB-26	0.0000026	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	38444-76-7	PCB-27	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	7012-37-5	PCB-28	0.000011	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	15862-07-4	PCB-29	0.0000026	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	2051-62-9	PCB-3	0.0000078	mg/kg	J+				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	35693-92-6	PCB-30	0.0000058	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	16606-02-3	PCB-31	0.000011	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	38444-77-8	PCB-32	0.0000029	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	38444-86-9	PCB-33	0.0000069	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	37680-68-5	PCB-34	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	37680-69-6	PCB-35	0.0000016	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	38444-87-0	PCB-36	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	38444-90-5	PCB-37	0.000009	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	53555-66-1	PCB-38	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	38444-88-1	PCB-39	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	13029-08-8	PCB-4	0.0000055	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	38444-93-8	PCB-40	0.000008	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52663-59-9	PCB-41	0.0000022	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	36559-22-5	PCB-42	0.000004	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	70362-46-8	PCB-43	0.0000011	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	41464-39-5	PCB-44	0.000034	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	70362-45-7	PCB-45	0.0000024	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	41464-47-5	PCB-46	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	2437-79-8	PCB-47	0.000034	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	70362-47-9	PCB-48	0.000003	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	41464-40-8	PCB-49	0.00002	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	16605-91-7	PCB-5	0.0000055	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	62796-65-0	PCB-50	0.0000028	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	68194-04-7	PCB-51	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	35693-99-3	PCB-52	0.000074	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	41464-41-9	PCB-53	0.0000028	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	15968-05-5	PCB-54	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74338-24-2	PCB-55	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	41464-43-1	PCB-56	0.000012	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	70424-67-8	PCB-57	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	41464-49-7	PCB-58	0.00001	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74472-33-6	PCB-59	0.0000017	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	25569-80-6	PCB-6	0.0000055	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	33025-41-1	PCB-60	0.0000063	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	33284-53-6	PCB-61	0.000089	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	54230-22-7	PCB-62	0.0000017	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74472-34-7	PCB-63	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52663-58-8	PCB-64	0.000013	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	33284-54-7	PCB-65	0.000034	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	32598-10-0	PCB-66	0.00003	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	73575-53-8	PCB-67	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	73575-52-7	PCB-68	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	60233-24-1	PCB-69	0.00002	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	33284-50-3	PCB-7	0.0000055	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	32598-11-1	PCB-70	0.000089	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	41464-46-4	PCB-71	0.000008	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	41464-42-0	PCB-72	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	74338-23-1	PCB-73	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	32690-93-0	PCB-74	0.000089	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	32598-12-2	PCB-75	0.0000017	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	70362-48-0	PCB-76	0.000089	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	32598-13-3	PCB-77	0.0000082	mg/kg		0.000017	0.036		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	70362-49-1	PCB-78	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	41464-48-6	PCB-79	0.0000041	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	34883-43-7	PCB-8	0.0000055	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	33284-52-5	PCB-80	0.0000023	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	70362-50-4	PCB-81	0.0000011	mg/kg	U	0.00015	0.012		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52663-62-4	PCB-82	0.000039	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	60145-20-2	PCB-83	0.000028	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52663-60-2	PCB-84	0.000077	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	65510-45-4	PCB-85	0.000077	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	55312-69-1	PCB-86	0.00025	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	38380-02-8	PCB-87	0.00025	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	55215-17-3	PCB-88	0.000041	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	73575-57-2	PCB-89	0.0000011	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	34883-39-1	PCB-9	0.0000055	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	68194-07-0	PCB-90	0.00042	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	68194-05-8	PCB-91	0.000041	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	52663-61-3	PCB-92	0.000086	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	73575-56-1	PCB-93	0.0000022	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	73575-55-0	PCB-94	0.0000011	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	38379-99-6	PCB-95	0.00028	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	73575-54-9	PCB-96	0.00000087	mg/kg	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	41464-51-1	PCB-97	0.00025	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	60233-25-2	PCB-98	0.0000022	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	1668C	38380-01-7	PCB-99	0.00014	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	Organotins	1002-53-5	Dibutyltin	0.039	mg/kg	U	1.8	1.8		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	Organotins	1461-25-2	Tetrabutyltin	0.093	mg/kg	U	2.2	2.2		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	Organotins	688-73-3	Tributyltin	0.046	mg/kg	U	2.2	2.2		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6010C	7429-90-5	Aluminum	24100	mg/kg		50	7392		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6010C	7440-38-2	Arsenic	1.03	mg/kg		0.43	0.43		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6010C	7440-39-3	Barium	102	mg/kg		330	1440		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6010C	7440-41-7	Beryllium	0.049	mg/kg		15	15		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6010C	7440-43-9	Cadmium	0.0851	mg/kg		0.36	0.68		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6010C	7440-70-2	Calcium	8160	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6010C	7440-47-3	Chromium	85.8	mg/kg		0.29	0.29		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6010C	7440-48-4	Cobalt	13	mg/kg		2.2	2.2		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6010C	7440-50-8	Copper	37	mg/kg		28	298		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6010C	7439-89-6	Iron	36800	mg/kg		5280	5280		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6010C	7439-92-1	Lead	156	mg/kg		11	192		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6010C	7439-95-4	Magnesium	11400	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6010C	7439-96-5	Manganese	459	mg/kg		173	173		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6010C	7440-02-0	Nickel	47.4	mg/kg		38	134		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6010C	7440-09-7	Potassium	822	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6010C	7440-23-5	Sodium	370	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6010C	7440-28-0	Thallium	1.03	mg/kg		0.05	0.075		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6010C	7440-62-2	Vanadium	66	mg/kg		7.8	37		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6010C	7440-66-6	Zinc	87.3	mg/kg		46	2208		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6020A	7440-38-2	Arsenic	5	ug/L	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6020A	7440-39-3	Barium	256	ug/L					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6020A	7440-43-9	Cadmium	2.77	ug/L					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6020A	7440-47-3	Chromium	5.92	ug/L	J				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6020A	7439-92-1	Lead	190	ug/L					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6020A	7782-49-2	Selenium	10	ug/L	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6020A	7440-22-4	Silver	1	ug/L	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6020B	7440-36-0	Antimony	0.37	mg/kg		0.27	3		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6020B	7782-49-2	Selenium	3.2	mg/kg		0.52	37		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW6020B	7440-22-4	Silver	0.076	mg/kg	J	4.2	37		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW7470A	7439-97-6	Mercury	0.4	ug/L	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW7471B	7439-97-6	Mercury	0.059	mg/kg		0.013	1.1		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8081B	53-19-0	2,4-DDD	0.00202	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8081B	3424-82-6	2,4-DDE	0.00202	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8081B	789-02-6	2,4-DDT	0.00202	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8081B	72-54-8	4,4'-DDD	0.00405	mg/kg	U	0.021	2.2		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8081B	72-55-9	4,4'-DDE	0.000637	mg/kg	J	0.021	1.8		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8081B	50-29-3	4,4'-DDT	0.00405	mg/kg	U	0.021	1.8		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8081B	309-00-2	Aldrin	0.00202	mg/kg	U	0.000085	0.031		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8081B	5103-71-9	alpha-Chlordane	0.00202	mg/kg	U	0.27	1.7		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8081B	60-57-1	Dieldrin	0.00088	mg/kg	U	0.0049	0.033		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8081B	959-98-8	Endosulfan I	0.00202	mg/kg	U	0.64	45		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8081B	33213-65-9	Endosulfan II	0.00202	mg/kg	U	0.64	45		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8081B	1031-07-8	Endosulfan sulfate	0.00405	mg/kg	U	0.64	36		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8081B	72-20-8	Endrin	0.00202	mg/kg	U	0.0014	1.8		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8081B	7421-93-4	Endrin aldehyde	0.00405	mg/kg	U	0.0014	1.8		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8081B	53494-70-5	Endrin ketone	0.00405	mg/kg	U	0.0014	1.8		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8081B	58-89-9	gamma-BHC (Lindane)	0.000334	mg/kg	J	0.0096	0.49		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8081B	5103-74-2	gamma-Chlordane	0.00292	mg/kg	J	0.27	1.7		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8081B	76-44-8	Heptachlor	0.00405	mg/kg	U	0.0016	0.11		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8081B	1024-57-3	Heptachlor epoxide	0.00405	mg/kg	U	0.00015	0.055		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8081B	72-43-5	Methoxychlor	0.00405	mg/kg	U	5.1	31		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8081B	27304-13-8	Oxychlordane	0.00202	mg/kg	U				
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8082A	12674-11-2	Aroclor-1016	0.0016	mg/kg	U	0.041	0.1		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8082A	11104-28-2	Aroclor-1221	0.0011	mg/kg	U	0.041	0.19		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8082A	11141-16-5	Aroclor-1232	0.0011	mg/kg	U	0.041	0.16		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8082A	53469-21-9	Aroclor-1242	0.0011	mg/kg	U	0.041	0.22		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8082A	12672-29-6	Aroclor-1248	0.00065	mg/kg	U	0.041	0.22		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8082A	11097-69-1	Aroclor-1254	0.0011	mg/kg	U	0.029	0.029		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8082A	11096-82-5	Aroclor-1260	0.012	mg/kg	J+	0.041	0.23		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	91-57-6	2-Methylnaphthalene	0.0785	mg/kg	U	23	23		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	83-32-9	Acenaphthene	0.122	mg/kg		29	346		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	208-96-8	Acenaphthylene	0.0524	mg/kg	U	1.9	1.9		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	120-12-7	Anthracene	0.119	mg/kg	J	29	1728		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	56-55-3	Benzo(a)anthracene	0.499	mg/kg		1.1	1.1		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	50-32-8	Benzo(a)pyrene	0.51	mg/kg		0.11	0.11		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	205-99-2	Benzo(b)fluoranthene	0.682	mg/kg		1.1	1.1		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.34	mg/kg		1.1	173		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	207-08-9	Benzo(k)fluoranthene	0.276	mg/kg		1.1	11		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	2.91	mg/kg		0.02	37		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	85-68-7	Butyl benzylphthalate	0.157	mg/kg	U	90	278		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	86-74-8	Carbazole	0.0628	mg/kg	J	7.5	7.5		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	218-01-9	Chrysene	0.538	mg/kg		1.1	106		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.126	mg/kg	J	0.1056	0.11		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	132-64-9	Dibenzofuran	0.0785	mg/kg	U	6.1	7.5		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	84-74-2	Di-n-butylphthalate	0.0646	mg/kg	J	0.011	605		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	206-44-0	Fluoranthene	0.993	mg/kg		1.1	230		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	86-73-7	Fluorene	0.0558	mg/kg	J	29	230		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.391	mg/kg		1.1	1.1		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	91-20-3	Naphthalene	0.105	mg/kg	U	1.9	1.9		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	85-01-8	Phenanthrene	0.52	mg/kg		29	1728		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	108-95-2	Phenol	0.105	mg/kg	U	0.79	1824		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	SW8270D	129-00-0	Pyrene	0.93	mg/kg		1.1	173		
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.7965	mg/kg					
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	5.285	mg/kg		1.1			
DU-2A	723463.693	7834236.756	8/18/2021	0 - 0	SO	N	SA-DU2A-01	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	1.9112	mg/kg		29			
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0463	mg/kg		0.0073	0.23		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	2051-60-7	PCB-1	0.0000021	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	33146-45-1	PCB-10	0.0000053	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	39485-83-1	PCB-100	0.0000021	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	37680-73-2	PCB-101	0.00065	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	68194-06-9	PCB-102	0.0000021	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	60145-21-3	PCB-103	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	56558-16-8	PCB-104	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	32598-14-4	PCB-105	0.00031	mg/kg		0.0043	0.12		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	70424-69-0	PCB-106	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	70424-68-9	PCB-107	0.000051	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	70362-41-3	PCB-108	0.00046	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74472-35-8	PCB-109	0.000065	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	2050-67-1	PCB-11	0.000021	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	38380-03-9	PCB-110	0.0009	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	39635-32-0	PCB-111	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74472-36-9	PCB-112	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	68194-10-5	PCB-113	0.00065	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74472-37-0	PCB-114	0.000021	mg/kg		0.003	0.12		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74472-38-1	PCB-115	0.0009	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	18259-05-7	PCB-116	0.00013	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	68194-11-6	PCB-117	0.00013	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	31508-00-6	PCB-118	0.0007	mg/kg		0.0022	0.12		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	56558-17-9	PCB-119	0.00046	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	2974-92-7	PCB-12	0.000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	68194-12-7	PCB-120	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	56558-18-0	PCB-121	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	76842-07-4	PCB-122	0.000019	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	65510-44-3	PCB-123	0.00002	mg/kg		0.003	0.12		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	70424-70-3	PCB-124	0.000051	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74472-39-2	PCB-125	0.00046	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	57465-28-8	PCB-126	0.000015	mg/kg		0.00000087	0.000035		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	39635-33-1	PCB-127	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	38380-07-3	PCB-128	0.00036	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	55215-18-4	PCB-129	0.0023	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	2974-90-5	PCB-13	0.000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52663-66-8	PCB-130	0.00015	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	61798-70-7	PCB-131	0.000021	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	38380-05-1	PCB-132	0.00053	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	35694-04-3	PCB-133	0.000029	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52704-70-8	PCB-134	0.000082	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52744-13-5	PCB-135	0.00056	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	38411-22-2	PCB-136	0.00013	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	35694-06-5	PCB-137	0.000074	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	35065-28-2	PCB-138	0.0023	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	56030-56-9	PCB-139	0.000025	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	34883-41-5	PCB-14	0.0000053	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	59291-64-4	PCB-140	0.000025	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52712-04-6	PCB-141	0.00047	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	41411-61-4	PCB-142	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	68194-15-0	PCB-143	0.000082	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	68194-14-9	PCB-144	0.000081	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74472-40-5	PCB-145	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	51908-16-8	PCB-146	0.00026	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	68194-13-8	PCB-147	0.0013	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74472-41-6	PCB-148	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	38380-04-0	PCB-149	0.0013	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	2050-68-2	PCB-15	0.0000053	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	68194-08-1	PCB-150	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52663-63-5	PCB-151	0.00056	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	68194-09-2	PCB-152	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	35065-27-1	PCB-153	0.0017	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	60145-22-4	PCB-154	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	33979-03-2	PCB-155	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	38380-08-4	PCB-156	0.00027	mg/kg		0.0014	0.12		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	69782-90-7	PCB-157	0.00027	mg/kg		0.0014	0.12		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74472-42-7	PCB-158	0.00022	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	39635-35-3	PCB-159	0.000052	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	38444-78-9	PCB-16	0.0000042	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	41411-62-5	PCB-160	0.0000021	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74472-43-8	PCB-161	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	39635-34-2	PCB-162	0.0000082	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74472-44-9	PCB-163	0.0023	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74472-45-0	PCB-164	0.00021	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74472-46-1	PCB-165	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	41411-63-6	PCB-166	0.00036	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52663-72-6	PCB-167	0.00012	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	59291-65-5	PCB-168	0.0017	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	32774-16-6	PCB-169	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	37680-66-3	PCB-17	0.0000033	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	35065-30-6	PCB-170	0.0012	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52663-71-5	PCB-171	0.00035	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52663-74-8	PCB-172	0.00024	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	68194-16-1	PCB-173	0.00035	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	38411-25-5	PCB-174	0.0012	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	40186-70-7	PCB-175	0.000051	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52663-65-7	PCB-176	0.00013	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52663-70-4	PCB-177	0.00066	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52663-67-9	PCB-178	0.00025	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52663-64-6	PCB-179	0.00036	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	37680-65-2	PCB-18	0.000006	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	35065-29-3	PCB-180	0.0026	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74472-47-2	PCB-181	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	60145-23-5	PCB-182	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52663-69-1	PCB-183	0.00061	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74472-48-3	PCB-184	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52712-05-7	PCB-185	0.00014	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74472-49-4	PCB-186	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52663-68-0	PCB-187	0.0012	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74487-85-7	PCB-188	0.0000018	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	39635-31-9	PCB-189	0.00005	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	38444-73-4	PCB-19	0.0000021	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	41411-64-7	PCB-190	0.00026	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74472-50-7	PCB-191	0.000055	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74472-51-8	PCB-192	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	69782-91-8	PCB-193	0.0026	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	35694-08-7	PCB-194	0.00084	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52663-78-2	PCB-195	0.00036	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	42740-50-1	PCB-196	0.00049	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	33091-17-7	PCB-197	0.000029	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	68194-17-2	PCB-198	0.00098	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52663-75-9	PCB-199	0.00098	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	2051-61-8	PCB-2	0.0000058	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	38444-84-7	PCB-20	0.000013	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52663-73-7	PCB-200	0.00016	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	40186-71-8	PCB-201	0.00013	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	2136-99-4	PCB-202	0.0002	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52663-76-0	PCB-203	0.00062	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74472-52-9	PCB-204	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74472-53-0	PCB-205	0.000059	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	40186-72-9	PCB-206	0.00047	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52663-79-3	PCB-207	0.00007	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52663-77-1	PCB-208	0.00013	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	2051-24-3	PCB-209	0.000069	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	55702-46-0	PCB-21	0.000009	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	38444-85-8	PCB-22	0.0000046	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	55720-44-0	PCB-23	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	55702-45-9	PCB-24	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	55712-37-3	PCB-25	0.00000081	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	38444-81-4	PCB-26	0.0000026	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	38444-76-7	PCB-27	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	7012-37-5	PCB-28	0.000013	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	15862-07-4	PCB-29	0.0000026	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	2051-62-9	PCB-3	0.0000091	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	35693-92-6	PCB-30	0.000006	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	16606-02-3	PCB-31	0.000012	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	38444-77-8	PCB-32	0.0000019	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	38444-86-9	PCB-33	0.000009	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	37680-68-5	PCB-34	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	37680-69-6	PCB-35	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	38444-87-0	PCB-36	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	38444-90-5	PCB-37	0.0000091	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	53555-66-1	PCB-38	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	38444-88-1	PCB-39	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	13029-08-8	PCB-4	0.0000053	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	38444-93-8	PCB-40	0.0000094	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52663-59-9	PCB-41	0.0000021	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	36559-22-5	PCB-42	0.0000047	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	70362-46-8	PCB-43	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	41464-39-5	PCB-44	0.000042	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	70362-45-7	PCB-45	0.0000025	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	41464-47-5	PCB-46	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	2437-79-8	PCB-47	0.000042	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	70362-47-9	PCB-48	0.0000029	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	41464-40-8	PCB-49	0.000025	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	16605-91-7	PCB-5	0.0000053	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	62796-65-0	PCB-50	0.0000033	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	68194-04-7	PCB-51	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	35693-99-3	PCB-52	0.000088	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	41464-41-9	PCB-53	0.0000033	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	15968-05-5	PCB-54	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74338-24-2	PCB-55	0.000024	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	41464-43-1	PCB-56	0.000016	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	70424-67-8	PCB-57	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	41464-49-7	PCB-58	0.000016	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74472-33-6	PCB-59	0.0000014	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	25569-80-6	PCB-6	0.0000053	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	33025-41-1	PCB-60	0.0000074	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	33284-53-6	PCB-61	0.00012	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	54230-22-7	PCB-62	0.0000014	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74472-34-7	PCB-63	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52663-58-8	PCB-64	0.000015	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	33284-54-7	PCB-65	0.000042	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	32598-10-0	PCB-66	0.000011	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	73575-53-8	PCB-67	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	73575-52-7	PCB-68	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	60233-24-1	PCB-69	0.000025	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	33284-50-3	PCB-7	0.0000053	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	32598-11-1	PCB-70	0.00012	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	41464-46-4	PCB-71	0.0000094	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	41464-42-0	PCB-72	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	74338-23-1	PCB-73	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	32690-93-0	PCB-74	0.00012	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	32598-12-2	PCB-75	0.0000014	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	70362-48-0	PCB-76	0.00012	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	32598-13-3	PCB-77	0.000017	mg/kg		0.000017	0.036		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	70362-49-1	PCB-78	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	41464-48-6	PCB-79	0.0000061	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	34883-43-7	PCB-8	0.0000053	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	33284-52-5	PCB-80	0.0000039	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	70362-50-4	PCB-81	0.0000011	mg/kg	U	0.00015	0.012		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52663-62-4	PCB-82	0.00008	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	60145-20-2	PCB-83	0.000037	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52663-60-2	PCB-84	0.00014	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	65510-45-4	PCB-85	0.00013	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	55312-69-1	PCB-86	0.00046	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	38380-02-8	PCB-87	0.00046	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	55215-17-3	PCB-88	0.000075	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	73575-57-2	PCB-89	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	34883-39-1	PCB-9	0.0000053	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	68194-07-0	PCB-90	0.00065	mg/kg					

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	68194-05-8	PCB-91	0.000075	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	52663-61-3	PCB-92	0.00014	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	73575-56-1	PCB-93	0.0000021	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	73575-55-0	PCB-94	0.0000011	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	38379-99-6	PCB-95	0.00044	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	73575-54-9	PCB-96	0.0000019	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	41464-51-1	PCB-97	0.00046	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	60233-25-2	PCB-98	0.0000021	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	1668C	38380-01-7	PCB-99	0.00026	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW6010C	7429-90-5	Aluminum	18800	mg/kg		50	7392		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW6010C	7440-38-2	Arsenic	1.01	mg/kg		0.43	0.43		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW6010C	7440-39-3	Barium	102	mg/kg		330	1440		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW6010C	7440-41-7	Beryllium	0.101	mg/kg		15	15		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW6010C	7440-43-9	Cadmium	0.649	mg/kg		0.36	0.68		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW6010C	7440-70-2	Calcium	5920	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW6010C	7440-47-3	Chromium	258	mg/kg		0.29	0.29		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW6010C	7440-48-4	Cobalt	14.5	mg/kg		2.2	2.2		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW6010C	7440-50-8	Copper	39.6	mg/kg		28	298		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW6010C	7439-89-6	Iron	31400	mg/kg		5280	5280		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW6010C	7439-92-1	Lead	143	mg/kg		11	192		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW6010C	7439-95-4	Magnesium	14100	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW6010C	7439-96-5	Manganese	515	mg/kg		173	173		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW6010C	7440-02-0	Nickel	109	mg/kg		38	134		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW6010C	7440-09-7	Potassium	934	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW6010C	7440-23-5	Sodium	1220	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW6010C	7440-28-0	Thallium	1.01	mg/kg		0.05	0.075		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW6010C	7440-62-2	Vanadium	72.5	mg/kg		7.8	37		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW6010C	7440-66-6	Zinc	111	mg/kg		46	2208		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW6020B	7440-36-0	Antimony	0.92	mg/kg		0.27	3		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW6020B	7782-49-2	Selenium	2.8	mg/kg		0.52	37		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW6020B	7440-22-4	Silver	0.078	mg/kg	J	4.2	37		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW7471B	7439-97-6	Mercury	0.0338	mg/kg		0.013	1.1		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8081B	53-19-0	2,4-DDD	0.00319	mg/kg	J				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8081B	3424-82-6	2,4-DDE	0.00205	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8081B	789-02-6	2,4-DDT	0.00205	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8081B	72-54-8	4,4'-DDD	0.0041	mg/kg	U	0.021	2.2		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8081B	72-55-9	4,4'-DDE	0.00205	mg/kg	U	0.021	1.8		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8081B	50-29-3	4,4'-DDT	0.0041	mg/kg	U	0.021	1.8		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8081B	309-00-2	Aldrin	0.00205	mg/kg	U	0.000085	0.031		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8081B	5103-71-9	alpha-Chlordane	0.00205	mg/kg	U	0.27	1.7		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8081B	60-57-1	Dieldrin	0.00205	mg/kg	U	0.0049	0.033		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8081B	959-98-8	Endosulfan I	0.00205	mg/kg	U	0.64	45		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8081B	33213-65-9	Endosulfan II	0.00205	mg/kg	U	0.64	45		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8081B	1031-07-8	Endosulfan sulfate	0.0041	mg/kg	U	0.64	36		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8081B	72-20-8	Endrin	0.00205	mg/kg	U	0.0014	1.8		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8081B	7421-93-4	Endrin aldehyde	0.0041	mg/kg	U	0.0014	1.8		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8081B	53494-70-5	Endrin ketone	0.0041	mg/kg	U	0.0014	1.8		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00205	mg/kg	U	0.0096	0.49		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8081B	5103-74-2	gamma-Chlordane	0.0041	mg/kg	U	0.27	1.7		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8081B	76-44-8	Heptachlor	0.0041	mg/kg	U	0.0016	0.11		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8081B	1024-57-3	Heptachlor epoxide	0.0041	mg/kg	U	0.00015	0.055		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8081B	72-43-5	Methoxychlor	0.0041	mg/kg	U	5.1	31		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8081B	27304-13-8	Oxychlordane	0.00205	mg/kg	U				
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8082A	12674-11-2	Aroclor-1016	0.0016	mg/kg	U	0.041	0.1		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8082A	11104-28-2	Aroclor-1221	0.0011	mg/kg	U	0.041	0.19		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8082A	11141-16-5	Aroclor-1232	0.0011	mg/kg	U	0.041	0.16		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8082A	53469-21-9	Aroclor-1242	0.0011	mg/kg	U	0.041	0.22		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8082A	12672-29-6	Aroclor-1248	0.00064	mg/kg	U	0.041	0.22		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8082A	11097-69-1	Aroclor-1254	0.0011	mg/kg	U	0.029	0.029		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8082A	11096-82-5	Aroclor-1260	0.025	mg/kg	J+	0.041	0.23		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	91-57-6	2-Methylnaphthalene	0.0763	mg/kg	U	23	23		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	83-32-9	Acenaphthene	0.117	mg/kg		29	346		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	208-96-8	Acenaphthylene	0.0509	mg/kg	U	1.9	1.9		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	120-12-7	Anthracene	0.103	mg/kg	J	29	1728		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	56-55-3	Benzo(a)anthracene	0.412	mg/kg		1.1	1.1		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	50-32-8	Benzo(a)pyrene	0.432	mg/kg		0.11	0.11		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	205-99-2	Benzo(b)fluoranthene	0.561	mg/kg		1.1	1.1		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.288	mg/kg		1.1	173		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	207-08-9	Benzo(k)fluoranthene	0.239	mg/kg		1.1	11		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	6.22	mg/kg		0.02	37		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	85-68-7	Butyl benzylphthalate	0.0746	mg/kg	J	90	278		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	86-74-8	Carbazole	0.0611	mg/kg	J	7.5	7.5		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	218-01-9	Chrysene	0.461	mg/kg		1.1	106		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.1	mg/kg	J	0.1056	0.11		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	132-64-9	Dibenzofuran	0.0763	mg/kg	U	6.1	7.5		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	84-74-2	Di-n-butylphthalate	0.1	mg/kg	J	0.011	605		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	206-44-0	Fluoranthene	0.8	mg/kg		1.1	230		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	86-73-7	Fluorene	0.0509	mg/kg	J	29	230		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.304	mg/kg		1.1	1.1		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	91-20-3	Naphthalene	0.102	mg/kg	U	1.9	1.9		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	85-01-8	Phenanthrene	0.461	mg/kg		29	1728		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	108-95-2	Phenol	0.102	mg/kg	U	0.79	1824		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	SW8270D	129-00-0	Pyrene	0.785	mg/kg		1.1	173		
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.6626	mg/kg					
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	4.382	mg/kg		1.1			
DU-2B	723476.357	7834190.71	8/17/2021	0 - 0	SO	N	SA-DU2B-01	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	1.6337	mg/kg		29			
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0287	mg/kg		0.0073	0.23		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	2051-60-7	PCB-1	0.0000092	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	33146-45-1	PCB-10	0.0000053	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	39485-83-1	PCB-100	0.0000021	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	37680-73-2	PCB-101	0.00051	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	68194-06-9	PCB-102	0.0000021	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	60145-21-3	PCB-103	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	56558-16-8	PCB-104	0.00000056	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	32598-14-4	PCB-105	0.00024	mg/kg		0.0043	0.12		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	70424-69-0	PCB-106	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	70424-68-9	PCB-107	0.000038	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	70362-41-3	PCB-108	0.00038	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74472-35-8	PCB-109	0.000051	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	2050-67-1	PCB-11	0.000021	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	38380-03-9	PCB-110	0.00078	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	39635-32-0	PCB-111	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74472-36-9	PCB-112	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	68194-10-5	PCB-113	0.00051	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74472-37-0	PCB-114	0.000015	mg/kg		0.003	0.12		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74472-38-1	PCB-115	0.00078	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	18259-05-7	PCB-116	0.000091	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	68194-11-6	PCB-117	0.000091	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	31508-00-6	PCB-118	0.00049	mg/kg		0.0022	0.12		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	56558-17-9	PCB-119	0.00038	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	2974-92-7	PCB-12	0.000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	68194-12-7	PCB-120	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	56558-18-0	PCB-121	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	76842-07-4	PCB-122	0.000014	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	65510-44-3	PCB-123	0.000014	mg/kg		0.003	0.12		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	70424-70-3	PCB-124	0.000038	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74472-39-2	PCB-125	0.00038	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	57465-28-8	PCB-126	0.0000096	mg/kg		0.00000087	0.000035		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	39635-33-1	PCB-127	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	38380-07-3	PCB-128	0.00025	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	55215-18-4	PCB-129	0.0014	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	2974-90-5	PCB-13	0.000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52663-66-8	PCB-130	0.0001	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	61798-70-7	PCB-131	0.000013	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	38380-05-1	PCB-132	0.00035	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	35694-04-3	PCB-133	0.00002	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52704-70-8	PCB-134	0.000054	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52744-13-5	PCB-135	0.00034	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	38411-22-2	PCB-136	0.000089	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	35694-06-5	PCB-137	0.000059	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	35065-28-2	PCB-138	0.0014	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	56030-56-9	PCB-139	0.000016	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	34883-41-5	PCB-14	0.0000053	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	59291-64-4	PCB-140	0.000016	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52712-04-6	PCB-141	0.00028	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	41411-61-4	PCB-142	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	68194-15-0	PCB-143	0.000054	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	68194-14-9	PCB-144	0.000051	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74472-40-5	PCB-145	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	51908-16-8	PCB-146	0.00017	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	68194-13-8	PCB-147	0.00079	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74472-41-6	PCB-148	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	38380-04-0	PCB-149	0.00079	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	2050-68-2	PCB-15	0.0000053	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	68194-08-1	PCB-150	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52663-63-5	PCB-151	0.00034	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	68194-09-2	PCB-152	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	35065-27-1	PCB-153	0.00088	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	60145-22-4	PCB-154	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	33979-03-2	PCB-155	0.0000011	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	38380-08-4	PCB-156	0.00018	mg/kg		0.0014	0.12		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	69782-90-7	PCB-157	0.00018	mg/kg		0.0014	0.12		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74472-42-7	PCB-158	0.00015	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	39635-35-3	PCB-159	0.000024	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	38444-78-9	PCB-16	0.0000071	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	41411-62-5	PCB-160	0.0000021	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74472-43-8	PCB-161	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	39635-34-2	PCB-162	0.0000062	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74472-44-9	PCB-163	0.0014	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74472-45-0	PCB-164	0.00013	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74472-46-1	PCB-165	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	41411-63-6	PCB-166	0.00025	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52663-72-6	PCB-167	0.000078	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	59291-65-5	PCB-168	0.00088	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	32774-16-6	PCB-169	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	37680-66-3	PCB-17	0.0000079	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	35065-30-6	PCB-170	0.00067	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52663-71-5	PCB-171	0.00018	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52663-74-8	PCB-172	0.00014	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	68194-16-1	PCB-173	0.00018	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	38411-25-5	PCB-174	0.00055	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	40186-70-7	PCB-175	0.000025	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52663-65-7	PCB-176	0.000056	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52663-70-4	PCB-177	0.00032	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52663-67-9	PCB-178	0.00012	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52663-64-6	PCB-179	0.00017	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	37680-65-2	PCB-18	0.000014	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	35065-29-3	PCB-180	0.0013	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74472-47-2	PCB-181	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	60145-23-5	PCB-182	0.0000041	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52663-69-1	PCB-183	0.00029	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74472-48-3	PCB-184	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52712-05-7	PCB-185	0.000089	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74472-49-4	PCB-186	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52663-68-0	PCB-187	0.00058	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74487-85-7	PCB-188	0.0000011	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	39635-31-9	PCB-189	0.000025	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	38444-73-4	PCB-19	0.000003	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	41411-64-7	PCB-190	0.00014	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74472-50-7	PCB-191	0.000032	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74472-51-8	PCB-192	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	69782-91-8	PCB-193	0.0013	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	35694-08-7	PCB-194	0.00045	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52663-78-2	PCB-195	0.00015	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	42740-50-1	PCB-196	0.00021	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	33091-17-7	PCB-197	0.000012	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	68194-17-2	PCB-198	0.00042	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52663-75-9	PCB-199	0.00042	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	2051-61-8	PCB-2	0.000032	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	38444-84-7	PCB-20	0.000022	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52663-73-7	PCB-200	0.00006	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	40186-71-8	PCB-201	0.000047	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	2136-99-4	PCB-202	0.000089	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52663-76-0	PCB-203	0.00026	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74472-52-9	PCB-204	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74472-53-0	PCB-205	0.000038	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	40186-72-9	PCB-206	0.00018	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52663-79-3	PCB-207	0.000021	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52663-77-1	PCB-208	0.000054	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	2051-24-3	PCB-209	0.000053	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	55702-46-0	PCB-21	0.000014	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	38444-85-8	PCB-22	0.0000094	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	55720-44-0	PCB-23	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	55702-45-9	PCB-24	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	55712-37-3	PCB-25	0.0000021	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	38444-81-4	PCB-26	0.0000042	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	38444-76-7	PCB-27	0.0000012	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	7012-37-5	PCB-28	0.000022	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	15862-07-4	PCB-29	0.0000042	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	2051-62-9	PCB-3	0.000026	mg/kg	J+				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	35693-92-6	PCB-30	0.000014	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	16606-02-3	PCB-31	0.000021	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	38444-77-8	PCB-32	0.0000021	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	38444-86-9	PCB-33	0.000014	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	37680-68-5	PCB-34	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	37680-69-6	PCB-35	0.0000025	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	38444-87-0	PCB-36	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	38444-90-5	PCB-37	0.000014	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	53555-66-1	PCB-38	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	38444-88-1	PCB-39	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	13029-08-8	PCB-4	0.0000053	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	38444-93-8	PCB-40	0.000017	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52663-59-9	PCB-41	0.0000033	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	36559-22-5	PCB-42	0.0000078	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	70362-46-8	PCB-43	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	41464-39-5	PCB-44	0.000054	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	70362-45-7	PCB-45	0.0000058	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	41464-47-5	PCB-46	0.0000024	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	2437-79-8	PCB-47	0.000054	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	70362-47-9	PCB-48	0.0000053	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	41464-40-8	PCB-49	0.000034	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	16605-91-7	PCB-5	0.0000053	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	62796-65-0	PCB-50	0.0000081	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	68194-04-7	PCB-51	0.0000012	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	35693-99-3	PCB-52	0.00011	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	41464-41-9	PCB-53	0.0000081	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	15968-05-5	PCB-54	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74338-24-2	PCB-55	0.000029	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	41464-43-1	PCB-56	0.000023	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	70424-67-8	PCB-57	0.0000011	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	41464-49-7	PCB-58	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74472-33-6	PCB-59	0.0000031	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	25569-80-6	PCB-6	0.0000053	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	33025-41-1	PCB-60	0.000012	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	33284-53-6	PCB-61	0.00014	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	54230-22-7	PCB-62	0.0000031	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74472-34-7	PCB-63	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52663-58-8	PCB-64	0.000024	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	33284-54-7	PCB-65	0.000054	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	32598-10-0	PCB-66	0.000013	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	73575-53-8	PCB-67	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	73575-52-7	PCB-68	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	60233-24-1	PCB-69	0.000034	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	33284-50-3	PCB-7	0.0000053	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	32598-11-1	PCB-70	0.00014	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	41464-46-4	PCB-71	0.000017	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	41464-42-0	PCB-72	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	74338-23-1	PCB-73	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	32690-93-0	PCB-74	0.00014	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	32598-12-2	PCB-75	0.0000031	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	70362-48-0	PCB-76	0.00014	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	32598-13-3	PCB-77	0.000021	mg/kg		0.000017	0.036		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	70362-49-1	PCB-78	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	41464-48-6	PCB-79	0.0000051	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	34883-43-7	PCB-8	0.0000053	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	33284-52-5	PCB-80	0.0000033	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	70362-50-4	PCB-81	0.0000011	mg/kg	U	0.00015	0.012		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52663-62-4	PCB-82	0.000073	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	60145-20-2	PCB-83	0.000037	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52663-60-2	PCB-84	0.00017	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	65510-45-4	PCB-85	0.000091	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	55312-69-1	PCB-86	0.00038	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	38380-02-8	PCB-87	0.00038	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	55215-17-3	PCB-88	0.000079	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	73575-57-2	PCB-89	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	34883-39-1	PCB-9	0.0000053	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	68194-07-0	PCB-90	0.00051	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	68194-05-8	PCB-91	0.000079	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	52663-61-3	PCB-92	0.00011	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	73575-56-1	PCB-93	0.0000021	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	73575-55-0	PCB-94	0.0000011	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	38379-99-6	PCB-95	0.00048	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	73575-54-9	PCB-96	0.0000023	mg/kg	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	41464-51-1	PCB-97	0.00038	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	60233-25-2	PCB-98	0.0000021	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	1668C	38380-01-7	PCB-99	0.00019	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	Organotins	1002-53-5	Dibutyltin	0.041	mg/kg	U	1.8	1.8		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	Organotins	78763-54-9	Monobutyltin	0.061	mg/kg	U	2.2	2.2		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	Organotins	1461-25-2	Tetrabutyltin	0.097	mg/kg	U	2.2	2.2		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	Organotins	688-73-3	Tributyltin	0.27	mg/kg	J	2.2	2.2		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6010C	7429-90-5	Aluminum	35300	mg/kg		50	7392		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6010C	7440-38-2	Arsenic	5.72	mg/kg		0.43	0.43		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6010C	7440-39-3	Barium	111	mg/kg		330	1440		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6010C	7440-41-7	Beryllium	0.0536	mg/kg		15	15		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6010C	7440-43-9	Cadmium	0.051	mg/kg		0.36	0.68		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6010C	7440-70-2	Calcium	12500	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6010C	7440-47-3	Chromium	159	mg/kg		0.29	0.29		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6010C	7440-48-4	Cobalt	19.1	mg/kg		2.2	2.2		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6010C	7440-50-8	Copper	111	mg/kg		28	298		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6010C	7439-89-6	Iron	34700	mg/kg		5280	5280		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6010C	7439-92-1	Lead	114	mg/kg		11	192		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6010C	7439-95-4	Magnesium	18300	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6010C	7439-96-5	Manganese	750	mg/kg		173	173		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6010C	7440-02-0	Nickel	130	mg/kg		38	134		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6010C	7440-09-7	Potassium	1250	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6010C	7440-23-5	Sodium	354	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6010C	7440-28-0	Thallium	1.02	mg/kg		0.05	0.075		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6010C	7440-62-2	Vanadium	83.1	mg/kg		7.8	37		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6010C	7440-66-6	Zinc	236	mg/kg		46	2208		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6020A	7440-38-2	Arsenic	2.13	ug/L	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6020A	7440-39-3	Barium	241	ug/L					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6020A	7440-43-9	Cadmium	1.52	ug/L	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6020A	7440-47-3	Chromium	2.6	ug/L	J				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6020A	7439-92-1	Lead	65	ug/L					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6020A	7782-49-2	Selenium	10	ug/L	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6020A	7440-22-4	Silver	1	ug/L	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6020B	7440-36-0	Antimony	3.5	mg/kg		0.27	3		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6020B	7782-49-2	Selenium	3.2	mg/kg		0.52	37		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW6020B	7440-22-4	Silver	0.11	mg/kg	J	4.2	37		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW7470A	7439-97-6	Mercury	0.4	ug/L	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW7471B	7439-97-6	Mercury	0.0378	mg/kg		0.013	1.1		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8081B	53-19-0	2,4-DDD	0.00207	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8081B	3424-82-6	2,4-DDE	0.00207	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8081B	789-02-6	2,4-DDT	0.00207	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8081B	72-54-8	4,4'-DDD	0.00414	mg/kg	U	0.021	2.2		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8081B	72-55-9	4,4'-DDE	0.000941	mg/kg	J	0.021	1.8		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8081B	50-29-3	4,4'-DDT	0.00414	mg/kg	U	0.021	1.8		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8081B	309-00-2	Aldrin	0.00207	mg/kg	U	0.000085	0.031		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8081B	5103-71-9	alpha-Chlordane	0.00169	mg/kg	U	0.27	1.7		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8081B	60-57-1	Dieldrin	0.00207	mg/kg	U	0.0049	0.033		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8081B	959-98-8	Endosulfan I	0.00207	mg/kg	U	0.64	45		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8081B	33213-65-9	Endosulfan II	0.00207	mg/kg	U	0.64	45		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8081B	1031-07-8	Endosulfan sulfate	0.00414	mg/kg	U	0.64	36		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8081B	72-20-8	Endrin	0.00207	mg/kg	U	0.0014	1.8		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8081B	7421-93-4	Endrin aldehyde	0.00414	mg/kg	U	0.0014	1.8		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8081B	53494-70-5	Endrin ketone	0.00414	mg/kg	U	0.0014	1.8		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00031	mg/kg	J	0.0096	0.49		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8081B	5103-74-2	gamma-Chlordane	0.00414	mg/kg	U	0.27	1.7		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8081B	76-44-8	Heptachlor	0.00414	mg/kg	U	0.0016	0.11		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8081B	1024-57-3	Heptachlor epoxide	0.00414	mg/kg	U	0.00015	0.055		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8081B	72-43-5	Methoxychlor	0.00414	mg/kg	U	5.1	31		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8081B	27304-13-8	Oxychlordane	0.00207	mg/kg	U				
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8082A	12674-11-2	Aroclor-1016	0.0017	mg/kg	U	0.041	0.1		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8082A	11104-28-2	Aroclor-1221	0.0011	mg/kg	U	0.041	0.19		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8082A	11141-16-5	Aroclor-1232	0.0011	mg/kg	U	0.041	0.16		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8082A	53469-21-9	Aroclor-1242	0.0011	mg/kg	U	0.041	0.22		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8082A	12672-29-6	Aroclor-1248	0.00066	mg/kg	U	0.041	0.22		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8082A	11097-69-1	Aroclor-1254	0.0011	mg/kg	U	0.029	0.029		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8082A	11096-82-5	Aroclor-1260	0.0076	mg/kg	J+	0.041	0.23		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	91-57-6	2-Methylnaphthalene	0.0185	mg/kg	J	23	23		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	83-32-9	Acenaphthene	0.401	mg/kg		29	346		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	208-96-8	Acenaphthylene	0.00959	mg/kg	J	1.9	1.9		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	120-12-7	Anthracene	0.293	mg/kg		29	1728		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	56-55-3	Benzo(a)anthracene	0.895	mg/kg		1.1	1.1		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	50-32-8	Benzo(a)pyrene	0.955	mg/kg		0.11	0.11		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	205-99-2	Benzo(b)fluoranthene	1.11	mg/kg		1.1	1.1		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.604	mg/kg		1.1	173		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	207-08-9	Benzo(k)fluoranthene	0.467	mg/kg		1.1	11		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	4.74	mg/kg		0.02	37		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	85-68-7	Butyl benzylphthalate	0.0284	mg/kg	J	90	278		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	86-74-8	Carbazole	0.0972	mg/kg		7.5	7.5		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	218-01-9	Chrysene	1.02	mg/kg		1.1	106		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.151	mg/kg		0.1056	0.11		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	132-64-9	Dibenzofuran	0.0698	mg/kg		6.1	7.5		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	84-74-2	Di-n-butylphthalate	0.0455	mg/kg	J	0.011	605		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	206-44-0	Fluoranthene	1.9	mg/kg		1.1	230		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	86-73-7	Fluorene	0.14	mg/kg		29	230		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.717	mg/kg		1.1	1.1		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	91-20-3	Naphthalene	0.0164	mg/kg	J	1.9	1.9		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	85-01-8	Phenanthrene	1.27	mg/kg		29	1728		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	108-95-2	Phenol	0.0205	mg/kg	U	0.79	1824		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	SW8270D	129-00-0	Pyrene	1.88	mg/kg		1.1	173		
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	1.3839	mg/kg					
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	9.699	mg/kg		1.1			
DU-3	723399.303	7834226.379	8/19/2021	0 - 0	SO	N	SA-DU3-01	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	3.9085	mg/kg		29			
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0612	mg/kg		0.0073	0.23		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	2051-60-7	PCB-1	0.0000023	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	33146-45-1	PCB-10	0.0000057	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	39485-83-1	PCB-100	0.0000023	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	37680-73-2	PCB-101	0.002	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	68194-06-9	PCB-102	0.000056	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	60145-21-3	PCB-103	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	56558-16-8	PCB-104	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	32598-14-4	PCB-105	0.00069	mg/kg		0.0043	0.12		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	70424-69-0	PCB-106	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	70424-68-9	PCB-107	0.00012	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	70362-41-3	PCB-108	0.0014	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74472-35-8	PCB-109	0.00015	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	2050-67-1	PCB-11	0.000023	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	38380-03-9	PCB-110	0.0026	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	39635-32-0	PCB-111	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74472-36-9	PCB-112	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	68194-10-5	PCB-113	0.002	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74472-37-0	PCB-114	0.000051	mg/kg		0.003	0.12		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74472-38-1	PCB-115	0.0026	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	18259-05-7	PCB-116	0.00033	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	68194-11-6	PCB-117	0.00033	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	31508-00-6	PCB-118	0.0017	mg/kg		0.0022	0.12		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	56558-17-9	PCB-119	0.0014	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	2974-92-7	PCB-12	0.000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	68194-12-7	PCB-120	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	56558-18-0	PCB-121	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	76842-07-4	PCB-122	0.000039	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	65510-44-3	PCB-123	0.000036	mg/kg		0.003	0.12		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	70424-70-3	PCB-124	0.00012	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74472-39-2	PCB-125	0.0014	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	57465-28-8	PCB-126	0.0000011	mg/kg	U	0.00000087	0.000035		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	39635-33-1	PCB-127	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	38380-07-3	PCB-128	0.0005	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	55215-18-4	PCB-129	0.0027	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	2974-90-5	PCB-13	0.000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52663-66-8	PCB-130	0.00021	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	61798-70-7	PCB-131	0.00005	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	38380-05-1	PCB-132	0.00076	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	35694-04-3	PCB-133	0.000035	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52704-70-8	PCB-134	0.00014	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52744-13-5	PCB-135	0.00055	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	38411-22-2	PCB-136	0.0002	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	35694-06-5	PCB-137	0.00018	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	35065-28-2	PCB-138	0.0027	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	56030-56-9	PCB-139	0.000056	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	34883-41-5	PCB-14	0.0000057	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	59291-64-4	PCB-140	0.000056	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52712-04-6	PCB-141	0.00046	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	41411-61-4	PCB-142	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	68194-15-0	PCB-143	0.00014	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	68194-14-9	PCB-144	0.000096	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74472-40-5	PCB-145	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	51908-16-8	PCB-146	0.00028	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	68194-13-8	PCB-147	0.0014	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74472-41-6	PCB-148	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	38380-04-0	PCB-149	0.0014	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	2050-68-2	PCB-15	0.0000057	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	68194-08-1	PCB-150	0.0000011	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52663-63-5	PCB-151	0.00055	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	68194-09-2	PCB-152	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	35065-27-1	PCB-153	0.0015	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	60145-22-4	PCB-154	0.000018	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	33979-03-2	PCB-155	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	38380-08-4	PCB-156	0.00039	mg/kg		0.0014	0.12		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	69782-90-7	PCB-157	0.00039	mg/kg		0.0014	0.12		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74472-42-7	PCB-158	0.00028	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	39635-35-3	PCB-159	0.000023	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	38444-78-9	PCB-16	0.0000042	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	41411-62-5	PCB-160	0.0000023	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74472-43-8	PCB-161	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	39635-34-2	PCB-162	0.000014	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74472-44-9	PCB-163	0.0027	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74472-45-0	PCB-164	0.00021	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74472-46-1	PCB-165	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	41411-63-6	PCB-166	0.0005	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52663-72-6	PCB-167	0.00015	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	59291-65-5	PCB-168	0.0015	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	32774-16-6	PCB-169	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	37680-66-3	PCB-17	0.0000043	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	35065-30-6	PCB-170	0.00074	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52663-71-5	PCB-171	0.00019	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52663-74-8	PCB-172	0.00014	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	68194-16-1	PCB-173	0.00019	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	38411-25-5	PCB-174	0.00058	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	40186-70-7	PCB-175	0.000024	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52663-65-7	PCB-176	0.000057	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52663-70-4	PCB-177	0.00032	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52663-67-9	PCB-178	0.00012	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52663-64-6	PCB-179	0.00015	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	37680-65-2	PCB-18	0.0000076	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	35065-29-3	PCB-180	0.0013	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74472-47-2	PCB-181	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	60145-23-5	PCB-182	0.0000046	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52663-69-1	PCB-183	0.00025	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74472-48-3	PCB-184	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52712-05-7	PCB-185	0.000068	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74472-49-4	PCB-186	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52663-68-0	PCB-187	0.00054	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74487-85-7	PCB-188	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	39635-31-9	PCB-189	0.000035	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	38444-73-4	PCB-19	0.0000018	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	41411-64-7	PCB-190	0.00015	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74472-50-7	PCB-191	0.000035	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74472-51-8	PCB-192	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	69782-91-8	PCB-193	0.0013	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	35694-08-7	PCB-194	0.00039	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52663-78-2	PCB-195	0.00013	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	42740-50-1	PCB-196	0.00017	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	33091-17-7	PCB-197	0.0000088	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	68194-17-2	PCB-198	0.00036	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52663-75-9	PCB-199	0.00036	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	2051-61-8	PCB-2	0.0000034	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	38444-84-7	PCB-20	0.000014	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52663-73-7	PCB-200	0.00005	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	40186-71-8	PCB-201	0.000036	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	2136-99-4	PCB-202	0.000068	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52663-76-0	PCB-203	0.00022	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74472-52-9	PCB-204	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74472-53-0	PCB-205	0.000032	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	40186-72-9	PCB-206	0.00016	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52663-79-3	PCB-207	0.000018	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52663-77-1	PCB-208	0.000041	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	2051-24-3	PCB-209	0.000048	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	55702-46-0	PCB-21	0.0000084	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	38444-85-8	PCB-22	0.0000047	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	55720-44-0	PCB-23	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	55702-45-9	PCB-24	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	55712-37-3	PCB-25	0.0000015	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	38444-81-4	PCB-26	0.0000023	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	38444-76-7	PCB-27	0.00000068	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	7012-37-5	PCB-28	0.000014	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	15862-07-4	PCB-29	0.0000023	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	2051-62-9	PCB-3	0.0000079	mg/kg	J+				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	35693-92-6	PCB-30	0.0000076	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	16606-02-3	PCB-31	0.000019	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	38444-77-8	PCB-32	0.000004	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	38444-86-9	PCB-33	0.0000084	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	37680-68-5	PCB-34	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	37680-69-6	PCB-35	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	38444-87-0	PCB-36	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	38444-90-5	PCB-37	0.0000081	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	53555-66-1	PCB-38	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	38444-88-1	PCB-39	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	13029-08-8	PCB-4	0.0000057	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	38444-93-8	PCB-40	0.000045	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52663-59-9	PCB-41	0.0000023	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	36559-22-5	PCB-42	0.000019	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	70362-46-8	PCB-43	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	41464-39-5	PCB-44	0.00023	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	70362-45-7	PCB-45	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	41464-47-5	PCB-46	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	2437-79-8	PCB-47	0.00023	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	70362-47-9	PCB-48	0.0000084	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	41464-40-8	PCB-49	0.00013	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	16605-91-7	PCB-5	0.0000057	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	62796-65-0	PCB-50	0.000026	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	68194-04-7	PCB-51	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	35693-99-3	PCB-52	0.00062	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	41464-41-9	PCB-53	0.000026	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	15968-05-5	PCB-54	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74338-24-2	PCB-55	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	41464-43-1	PCB-56	0.000056	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	70424-67-8	PCB-57	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	41464-49-7	PCB-58	0.0000011	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74472-33-6	PCB-59	0.0000047	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	25569-80-6	PCB-6	0.0000057	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	33025-41-1	PCB-60	0.000026	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	33284-53-6	PCB-61	0.00053	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	54230-22-7	PCB-62	0.0000047	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74472-34-7	PCB-63	0.0000062	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52663-58-8	PCB-64	0.000095	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	33284-54-7	PCB-65	0.00023	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	32598-10-0	PCB-66	0.00016	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	73575-53-8	PCB-67	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	73575-52-7	PCB-68	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	60233-24-1	PCB-69	0.00013	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	33284-50-3	PCB-7	0.0000057	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	32598-11-1	PCB-70	0.00053	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	41464-46-4	PCB-71	0.000045	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	41464-42-0	PCB-72	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	74338-23-1	PCB-73	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	32690-93-0	PCB-74	0.00053	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	32598-12-2	PCB-75	0.0000047	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	70362-48-0	PCB-76	0.00053	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	32598-13-3	PCB-77	0.000011	mg/kg		0.000017	0.036		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	70362-49-1	PCB-78	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	41464-48-6	PCB-79	0.000024	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	34883-43-7	PCB-8	0.0000057	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	33284-52-5	PCB-80	0.000016	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	70362-50-4	PCB-81	0.0000011	mg/kg	U	0.00015	0.012		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52663-62-4	PCB-82	0.00025	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	60145-20-2	PCB-83	0.00016	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52663-60-2	PCB-84	0.00065	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	65510-45-4	PCB-85	0.00033	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	55312-69-1	PCB-86	0.0014	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	38380-02-8	PCB-87	0.0014	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	55215-17-3	PCB-88	0.00029	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	73575-57-2	PCB-89	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	34883-39-1	PCB-9	0.0000057	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	68194-07-0	PCB-90	0.002	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	68194-05-8	PCB-91	0.00029	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	52663-61-3	PCB-92	0.00042	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	73575-56-1	PCB-93	0.0000023	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	73575-55-0	PCB-94	0.0000011	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	38379-99-6	PCB-95	0.0018	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	73575-54-9	PCB-96	0.00001	mg/kg	J				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	41464-51-1	PCB-97	0.0014	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	60233-25-2	PCB-98	0.000056	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	1668C	38380-01-7	PCB-99	0.00072	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	Organotins	1002-53-5	Dibutyltin	0.041	mg/kg	U	1.8	1.8		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	Organotins	78763-54-9	Monobutyltin	0.06	mg/kg	U	2.2	2.2		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	Organotins	1461-25-2	Tetrabutyltin	0.096	mg/kg	U	2.2	2.2		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	Organotins	688-73-3	Tributyltin	0.078	mg/kg	J	2.2	2.2		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6010C	7429-90-5	Aluminum	22200	mg/kg		50	7392		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6010C	7440-38-2	Arsenic	1.05	mg/kg		0.43	0.43		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6010C	7440-39-3	Barium	106	mg/kg		330	1440		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6010C	7440-41-7	Beryllium	0.0784	mg/kg		15	15		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6010C	7440-43-9	Cadmium	0.0523	mg/kg		0.36	0.68		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6010C	7440-70-2	Calcium	7180	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6010C	7440-47-3	Chromium	217	mg/kg		0.29	0.29		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6010C	7440-48-4	Cobalt	16	mg/kg		2.2	2.2		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6010C	7440-50-8	Copper	53.5	mg/kg		28	298		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6010C	7439-89-6	Iron	34300	mg/kg		5280	5280		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6010C	7439-92-1	Lead	67.7	mg/kg		11	192		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6010C	7439-95-4	Magnesium	15300	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6010C	7439-96-5	Manganese	547	mg/kg		173	173		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6010C	7440-02-0	Nickel	104	mg/kg		38	134		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6010C	7440-09-7	Potassium	994	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6010C	7440-23-5	Sodium	321	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6010C	7440-28-0	Thallium	1.05	mg/kg		0.05	0.075		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6010C	7440-62-2	Vanadium	71.5	mg/kg		7.8	37		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6010C	7440-66-6	Zinc	163	mg/kg		46	2208		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6020B	7440-36-0	Antimony	0.81	mg/kg		0.27	3		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6020B	7782-49-2	Selenium	2.9	mg/kg		0.52	37		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW6020B	7440-22-4	Silver	0.055	mg/kg	J	4.2	37		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW7471B	7439-97-6	Mercury	0.0356	mg/kg		0.013	1.1		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8081B	53-19-0	2,4-DDD	0.0021	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8081B	3424-82-6	2,4-DDE	0.0021	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8081B	789-02-6	2,4-DDT	0.0021	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8081B	72-54-8	4,4'-DDD	0.0042	mg/kg	U	0.021	2.2		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8081B	72-55-9	4,4'-DDE	0.000945	mg/kg	J	0.021	1.8		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8081B	50-29-3	4,4'-DDT	0.0042	mg/kg	U	0.021	1.8		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8081B	309-00-2	Aldrin	0.0021	mg/kg	U	0.000085	0.031		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8081B	5103-71-9	alpha-Chlordane	0.0021	mg/kg	U	0.27	1.7		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8081B	60-57-1	Dieldrin	0.0021	mg/kg	U	0.0049	0.033		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8081B	959-98-8	Endosulfan I	0.0021	mg/kg	U	0.64	45		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8081B	33213-65-9	Endosulfan II	0.0021	mg/kg	U	0.64	45		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8081B	1031-07-8	Endosulfan sulfate	0.0042	mg/kg	U	0.64	36		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8081B	72-20-8	Endrin	0.0021	mg/kg	U	0.0014	1.8		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8081B	7421-93-4	Endrin aldehyde	0.0042	mg/kg	U	0.0014	1.8		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8081B	53494-70-5	Endrin ketone	0.0042	mg/kg	U	0.0014	1.8		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8081B	58-89-9	gamma-BHC (Lindane)	0.0021	mg/kg	U	0.0096	0.49		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8081B	5103-74-2	gamma-Chlordane	0.0042	mg/kg	U	0.27	1.7		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8081B	76-44-8	Heptachlor	0.0042	mg/kg	U	0.0016	0.11		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8081B	1024-57-3	Heptachlor epoxide	0.0042	mg/kg	U	0.00015	0.055		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8081B	72-43-5	Methoxychlor	0.0042	mg/kg	U	5.1	31		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8081B	27304-13-8	Oxychlordane	0.0021	mg/kg	U				
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8082A	12674-11-2	Aroclor-1016	0.0016	mg/kg	U	0.041	0.1		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8082A	11104-28-2	Aroclor-1221	0.0011	mg/kg	U	0.041	0.19		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8082A	11141-16-5	Aroclor-1232	0.0011	mg/kg	U	0.041	0.16		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8082A	53469-21-9	Aroclor-1242	0.0011	mg/kg	U	0.041	0.22		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8082A	12672-29-6	Aroclor-1248	0.00064	mg/kg	U	0.041	0.22		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8082A	11097-69-1	Aroclor-1254	0.0011	mg/kg	U	0.029	0.029		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8082A	11096-82-5	Aroclor-1260	0.011	mg/kg	J+	0.041	0.23		

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Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	91-57-6	2-Methylnaphthalene	0.00619	mg/kg	J	23	23		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	83-32-9	Acenaphthene	0.089	mg/kg		29	346		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	208-96-8	Acenaphthylene	0.00619	mg/kg	J	1.9	1.9		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	120-12-7	Anthracene	0.0987	mg/kg		29	1728		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	56-55-3	Benzo(a)anthracene	0.474	mg/kg		1.1	1.1		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	50-32-8	Benzo(a)pyrene	0.612	mg/kg		0.11	0.11		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	205-99-2	Benzo(b)fluoranthene	0.817	mg/kg		1.1	1.1		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.434	mg/kg		1.1	173		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	207-08-9	Benzo(k)fluoranthene	0.294	mg/kg		1.1	11		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	9.48	mg/kg		0.02	37		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	85-68-7	Butyl benzylphthalate	0.0505	mg/kg	J	90	278		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	86-74-8	Carbazole	0.0368	mg/kg		7.5	7.5		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	218-01-9	Chrysene	0.574	mg/kg		1.1	106		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.105	mg/kg		0.1056	0.11		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	132-64-9	Dibenzofuran	0.0155	mg/kg	J	6.1	7.5		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	84-74-2	Di-n-butylphthalate	0.0695	mg/kg		0.011	605		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	206-44-0	Fluoranthene	0.923	mg/kg		1.1	230		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	86-73-7	Fluorene	0.0375	mg/kg		29	230		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.52	mg/kg		1.1	1.1		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	91-20-3	Naphthalene	0.00894	mg/kg	J	1.9	1.9		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	85-01-8	Phenanthrene	0.447	mg/kg		29	1728		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	108-95-2	Phenol	0.0206	mg/kg	U	0.79	1824		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	SW8270D	129-00-0	Pyrene	1.12	mg/kg		1.1	173		
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.9016	mg/kg					
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	5.873	mg/kg		1.1			
DU-4	723402.278	7834148.111	8/19/2021	0 - 0	SO	N	SA-DU4-01	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	1.579	mg/kg		29			
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0155	mg/kg		0.0073	0.23		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	2051-60-7	PCB-1	0.0000072	mg/kg	J+				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	33146-45-1	PCB-10	0.0000057	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	39485-83-1	PCB-100	0.0000023	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	37680-73-2	PCB-101	0.00017	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	68194-06-9	PCB-102	0.0000023	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	60145-21-3	PCB-103	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	56558-16-8	PCB-104	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	32598-14-4	PCB-105	0.000093	mg/kg		0.0043	0.12		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	70424-69-0	PCB-106	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	70424-68-9	PCB-107	0.000014	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	70362-41-3	PCB-108	0.0001	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74472-35-8	PCB-109	0.000019	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	2050-67-1	PCB-11	0.000023	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	38380-03-9	PCB-110	0.00021	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	39635-32-0	PCB-111	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74472-36-9	PCB-112	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	68194-10-5	PCB-113	0.00017	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74472-37-0	PCB-114	0.0000042	mg/kg		0.003	0.12		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74472-38-1	PCB-115	0.00021	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	18259-05-7	PCB-116	0.000031	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	68194-11-6	PCB-117	0.000031	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	31508-00-6	PCB-118	0.00018	mg/kg		0.0022	0.12		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	56558-17-9	PCB-119	0.0001	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	2974-92-7	PCB-12	0.000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	68194-12-7	PCB-120	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	56558-18-0	PCB-121	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	76842-07-4	PCB-122	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	65510-44-3	PCB-123	0.0000061	mg/kg		0.003	0.12		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	70424-70-3	PCB-124	0.000014	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74472-39-2	PCB-125	0.0001	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	57465-28-8	PCB-126	0.0000062	mg/kg		0.00000087	0.000035		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	39635-33-1	PCB-127	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	38380-07-3	PCB-128	0.00011	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	55215-18-4	PCB-129	0.00073	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	2974-90-5	PCB-13	0.000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52663-66-8	PCB-130	0.000039	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	61798-70-7	PCB-131	0.0000043	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	38380-05-1	PCB-132	0.00013	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	35694-04-3	PCB-133	0.0000099	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52704-70-8	PCB-134	0.000017	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52744-13-5	PCB-135	0.00017	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	38411-22-2	PCB-136	0.000036	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	35694-06-5	PCB-137	0.00002	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	35065-28-2	PCB-138	0.00073	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	56030-56-9	PCB-139	0.000005	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	34883-41-5	PCB-14	0.0000057	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	59291-64-4	PCB-140	0.000005	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52712-04-6	PCB-141	0.00014	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	41411-61-4	PCB-142	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	68194-15-0	PCB-143	0.000017	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	68194-14-9	PCB-144	0.000024	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74472-40-5	PCB-145	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	51908-16-8	PCB-146	0.00009	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	68194-13-8	PCB-147	0.00038	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74472-41-6	PCB-148	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	38380-04-0	PCB-149	0.00038	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	2050-68-2	PCB-15	0.0000057	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	68194-08-1	PCB-150	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52663-63-5	PCB-151	0.00017	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	68194-09-2	PCB-152	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	35065-27-1	PCB-153	0.00053	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	60145-22-4	PCB-154	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	33979-03-2	PCB-155	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	38380-08-4	PCB-156	0.000082	mg/kg		0.0014	0.12		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	69782-90-7	PCB-157	0.000082	mg/kg		0.0014	0.12		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74472-42-7	PCB-158	0.000066	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	39635-35-3	PCB-159	0.000023	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	38444-78-9	PCB-16	0.0000037	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	41411-62-5	PCB-160	0.0000023	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74472-43-8	PCB-161	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	39635-34-2	PCB-162	0.0000034	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74472-44-9	PCB-163	0.00073	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74472-45-0	PCB-164	0.000057	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74472-46-1	PCB-165	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	41411-63-6	PCB-166	0.00011	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52663-72-6	PCB-167	0.000041	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	59291-65-5	PCB-168	0.00053	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	32774-16-6	PCB-169	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	37680-66-3	PCB-17	0.0000036	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	35065-30-6	PCB-170	0.00054	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52663-71-5	PCB-171	0.00014	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52663-74-8	PCB-172	0.00012	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	68194-16-1	PCB-173	0.00014	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	38411-25-5	PCB-174	0.00047	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	40186-70-7	PCB-175	0.000019	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52663-65-7	PCB-176	0.000038	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52663-70-4	PCB-177	0.00025	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52663-67-9	PCB-178	0.000098	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52663-64-6	PCB-179	0.00011	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	37680-65-2	PCB-18	0.0000064	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	35065-29-3	PCB-180	0.0011	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74472-47-2	PCB-181	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	60145-23-5	PCB-182	0.0000025	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52663-69-1	PCB-183	0.00022	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74472-48-3	PCB-184	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52712-05-7	PCB-185	0.000046	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74472-49-4	PCB-186	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52663-68-0	PCB-187	0.00046	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74487-85-7	PCB-188	0.0000011	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	39635-31-9	PCB-189	0.000024	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	38444-73-4	PCB-19	0.0000013	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	41411-64-7	PCB-190	0.00011	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74472-50-7	PCB-191	0.000024	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74472-51-8	PCB-192	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	69782-91-8	PCB-193	0.0011	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	35694-08-7	PCB-194	0.00032	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52663-78-2	PCB-195	0.00012	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	42740-50-1	PCB-196	0.00017	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	33091-17-7	PCB-197	0.000011	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	68194-17-2	PCB-198	0.0004	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52663-75-9	PCB-199	0.0004	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	2051-61-8	PCB-2	0.0000051	mg/kg	J+				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	38444-84-7	PCB-20	0.000013	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52663-73-7	PCB-200	0.000048	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	40186-71-8	PCB-201	0.000036	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	2136-99-4	PCB-202	0.00008	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52663-76-0	PCB-203	0.00023	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74472-52-9	PCB-204	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74472-53-0	PCB-205	0.00002	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	40186-72-9	PCB-206	0.00016	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52663-79-3	PCB-207	0.000021	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52663-77-1	PCB-208	0.000051	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	2051-24-3	PCB-209	0.000035	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	55702-46-0	PCB-21	0.000007	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	38444-85-8	PCB-22	0.0000046	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	55720-44-0	PCB-23	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	55702-45-9	PCB-24	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	55712-37-3	PCB-25	0.00000099	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	38444-81-4	PCB-26	0.0000023	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	38444-76-7	PCB-27	0.00000072	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	7012-37-5	PCB-28	0.000013	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	15862-07-4	PCB-29	0.0000023	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	2051-62-9	PCB-3	0.0000065	mg/kg	J+				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	35693-92-6	PCB-30	0.0000064	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	16606-02-3	PCB-31	0.000011	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	38444-77-8	PCB-32	0.0000027	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	38444-86-9	PCB-33	0.000007	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	37680-68-5	PCB-34	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	37680-69-6	PCB-35	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	38444-87-0	PCB-36	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	38444-90-5	PCB-37	0.0000086	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	53555-66-1	PCB-38	0.00000099	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	38444-88-1	PCB-39	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	13029-08-8	PCB-4	0.0000057	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	38444-93-8	PCB-40	0.0000074	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52663-59-9	PCB-41	0.0000015	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	36559-22-5	PCB-42	0.0000039	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	70362-46-8	PCB-43	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	41464-39-5	PCB-44	0.000023	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	70362-45-7	PCB-45	0.0000024	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	41464-47-5	PCB-46	0.0000011	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	2437-79-8	PCB-47	0.000023	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	70362-47-9	PCB-48	0.0000028	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	41464-40-8	PCB-49	0.000015	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	16605-91-7	PCB-5	0.0000057	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	62796-65-0	PCB-50	0.000003	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	68194-04-7	PCB-51	0.00000057	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	35693-99-3	PCB-52	0.000035	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	41464-41-9	PCB-53	0.000003	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	15968-05-5	PCB-54	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74338-24-2	PCB-55	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	41464-43-1	PCB-56	0.0000098	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	70424-67-8	PCB-57	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	41464-49-7	PCB-58	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74472-33-6	PCB-59	0.0000016	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	25569-80-6	PCB-6	0.0000057	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	33025-41-1	PCB-60	0.0000062	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	33284-53-6	PCB-61	0.000052	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	54230-22-7	PCB-62	0.0000016	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74472-34-7	PCB-63	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52663-58-8	PCB-64	0.0000093	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	33284-54-7	PCB-65	0.000023	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	32598-10-0	PCB-66	0.000022	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	73575-53-8	PCB-67	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	73575-52-7	PCB-68	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	60233-24-1	PCB-69	0.000015	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	33284-50-3	PCB-7	0.0000057	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	32598-11-1	PCB-70	0.000052	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	41464-46-4	PCB-71	0.0000074	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	41464-42-0	PCB-72	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	74338-23-1	PCB-73	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	32690-93-0	PCB-74	0.000052	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	32598-12-2	PCB-75	0.0000016	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	70362-48-0	PCB-76	0.000052	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	32598-13-3	PCB-77	0.0000092	mg/kg		0.000017	0.036		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	70362-49-1	PCB-78	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	41464-48-6	PCB-79	0.0000016	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	34883-43-7	PCB-8	0.0000057	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	33284-52-5	PCB-80	0.00000093	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	70362-50-4	PCB-81	0.0000011	mg/kg	U	0.00015	0.012		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52663-62-4	PCB-82	0.000014	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	60145-20-2	PCB-83	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52663-60-2	PCB-84	0.000034	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	65510-45-4	PCB-85	0.000031	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	55312-69-1	PCB-86	0.0001	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	38380-02-8	PCB-87	0.0001	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	55215-17-3	PCB-88	0.00002	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	73575-57-2	PCB-89	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	34883-39-1	PCB-9	0.0000057	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	68194-07-0	PCB-90	0.00017	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	68194-05-8	PCB-91	0.00002	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	52663-61-3	PCB-92	0.000035	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	73575-56-1	PCB-93	0.0000023	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	73575-55-0	PCB-94	0.0000011	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	38379-99-6	PCB-95	0.00012	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	73575-54-9	PCB-96	0.00000054	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	41464-51-1	PCB-97	0.0001	mg/kg	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	60233-25-2	PCB-98	0.0000023	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	1668C	38380-01-7	PCB-99	0.000075	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	Organotins	1002-53-5	Dibutyltin	0.045	mg/kg	U	1.8	1.8		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	Organotins	78763-54-9	Monobutyltin	0.066	mg/kg	U	2.2	2.2		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	Organotins	1461-25-2	Tetrabutyltin	0.11	mg/kg	U	2.2	2.2		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	Organotins	688-73-3	Tributyltin	0.023	mg/kg	J	2.2	2.2		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6010C	7429-90-5	Aluminum	20200	mg/kg		50	7392		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6010C	7440-38-2	Arsenic	1.44	mg/kg		0.43	0.43		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6010C	7440-39-3	Barium	112	mg/kg		330	1440		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6010C	7440-41-7	Beryllium	0.0703	mg/kg	J	15	15		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6010C	7440-43-9	Cadmium	0.052	mg/kg	U	0.36	0.68		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6010C	7440-70-2	Calcium	6550	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6010C	7440-47-3	Chromium	202	mg/kg		0.29	0.29		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6010C	7440-48-4	Cobalt	13.1	mg/kg		2.2	2.2		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6010C	7440-50-8	Copper	35.5	mg/kg		28	298		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6010C	7439-89-6	Iron	30500	mg/kg		5280	5280		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6010C	7439-92-1	Lead	42.4	mg/kg		11	192		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6010C	7439-95-4	Magnesium	13900	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6010C	7439-96-5	Manganese	430	mg/kg		173	173		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6010C	7440-02-0	Nickel	105	mg/kg		38	134		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6010C	7440-09-7	Potassium	978	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6010C	7440-23-5	Sodium	223	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6010C	7440-28-0	Thallium	1.04	mg/kg	U	0.05	0.075		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6010C	7440-62-2	Vanadium	53.1	mg/kg		7.8	37		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6010C	7440-66-6	Zinc	81.8	mg/kg		46	2208		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6020A	7440-38-2	Arsenic	2.37	ug/L	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6020A	7440-39-3	Barium	139	ug/L					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6020A	7440-43-9	Cadmium	1.72	ug/L	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6020A	7440-47-3	Chromium	4.62	ug/L	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6020A	7439-92-1	Lead	14	ug/L	J				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6020A	7782-49-2	Selenium	10	ug/L	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6020A	7440-22-4	Silver	1	ug/L	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6020B	7440-36-0	Antimony	0.61	mg/kg		0.27	3		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6020B	7782-49-2	Selenium	2.2	mg/kg		0.52	37		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW6020B	7440-22-4	Silver	0.042	mg/kg	J	4.2	37		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW7470A	7439-97-6	Mercury	0.4	ug/L	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW7471B	7439-97-6	Mercury	0.0356	mg/kg		0.013	1.1		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8081B	53-19-0	2,4-DDD	0.00023	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8081B	3424-82-6	2,4-DDE	0.00023	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8081B	789-02-6	2,4-DDT	0.00023	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8081B	72-54-8	4,4'-DDD	0.000087	mg/kg	U	0.021	2.2		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8081B	72-55-9	4,4'-DDE	0.0015	mg/kg		0.021	1.8		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8081B	50-29-3	4,4'-DDT	0.0018	mg/kg		0.021	1.8		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8081B	309-00-2	Aldrin	0.000087	mg/kg	U	0.000085	0.031		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8081B	5103-71-9	alpha-Chlordane	0.00017	mg/kg	U	0.27	1.7		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8081B	60-57-1	Dieldrin	0.00019	mg/kg	J	0.0049	0.033		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8081B	959-98-8	Endosulfan I	0.000087	mg/kg	U	0.64	45		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8081B	33213-65-9	Endosulfan II	0.000087	mg/kg	U	0.64	45		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8081B	1031-07-8	Endosulfan sulfate	0.000087	mg/kg	U	0.64	36		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8081B	72-20-8	Endrin	0.00017	mg/kg	U	0.0014	1.8		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8081B	7421-93-4	Endrin aldehyde	0.0017	mg/kg	U	0.0014	1.8		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8081B	53494-70-5	Endrin ketone	0.00017	mg/kg	U	0.0014	1.8		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00017	mg/kg	U	0.0096	0.49		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8081B	5103-74-2	gamma-Chlordane	0.000087	mg/kg	U	0.27	1.7		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8081B	76-44-8	Heptachlor	0.00054	mg/kg	J+	0.0016	0.11		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8081B	1024-57-3	Heptachlor epoxide	0.000087	mg/kg	U	0.00015	0.055		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8081B	72-43-5	Methoxychlor	0.000087	mg/kg	U	5.1	31		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8081B	27304-13-8	Oxychlordane	0.00201	mg/kg	U				
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8082A	12674-11-2	Aroclor-1016	0.0017	mg/kg	U	0.041	0.1		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8082A	11104-28-2	Aroclor-1221	0.0012	mg/kg	U	0.041	0.19		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8082A	11141-16-5	Aroclor-1232	0.0012	mg/kg	U	0.041	0.16		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8082A	53469-21-9	Aroclor-1242	0.0012	mg/kg	U	0.041	0.22		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8082A	12672-29-6	Aroclor-1248	0.0007	mg/kg	U	0.041	0.22		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8082A	11097-69-1	Aroclor-1254	0.0012	mg/kg	U	0.029	0.029		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8082A	11096-82-5	Aroclor-1260	0.0067	mg/kg		0.041	0.23		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	91-57-6	2-Methylnaphthalene	0.0151	mg/kg	U	23	23		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	83-32-9	Acenaphthene	0.0339	mg/kg		29	346		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	208-96-8	Acenaphthylene	0.0101	mg/kg	U	1.9	1.9		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	120-12-7	Anthracene	0.046	mg/kg		29	1728		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	56-55-3	Benzo(a)anthracene	0.178	mg/kg		1.1	1.1		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	50-32-8	Benzo(a)pyrene	0.169	mg/kg		0.11	0.11		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	205-99-2	Benzo(b)fluoranthene	0.226	mg/kg		1.1	1.1		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.103	mg/kg		1.1	173		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0881	mg/kg		1.1	11		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	12.7	mg/kg		0.02	37		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	85-68-7	Butyl benzylphthalate	0.0178	mg/kg	J	90	278		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	86-74-8	Carbazole	0.0245	mg/kg		7.5	7.5		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	218-01-9	Chrysene	0.224	mg/kg		1.1	106		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0363	mg/kg		0.1056	0.11		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	132-64-9	Dibenzofuran	0.00773	mg/kg	J	6.1	7.5		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	84-74-2	Di-n-butylphthalate	0.0457	mg/kg	J	0.011	605		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	206-44-0	Fluoranthene	0.345	mg/kg		1.1	230		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	86-73-7	Fluorene	0.0185	mg/kg	J	29	230		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.116	mg/kg		1.1	1.1		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	91-20-3	Naphthalene	0.0202	mg/kg	U	1.9	1.9		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	85-01-8	Phenanthrene	0.198	mg/kg		29	1728		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	108-95-2	Phenol	0.0202	mg/kg	U	0.79	1824		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	SW8270D	129-00-0	Pyrene	0.345	mg/kg		1.1	173		
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.2584	mg/kg					
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	1.8304	mg/kg		1.1			
DU-5	723379.494	7834101.321	8/23/2021	0 - 0	SO	N	SA-DU5-01	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.6532	mg/kg		29			
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0075	mg/kg		0.0073	0.23		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	2051-60-7	PCB-1	0.0000041	mg/kg	J+				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	33146-45-1	PCB-10	0.0000066	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	39485-83-1	PCB-100	0.0000026	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	37680-73-2	PCB-101	0.00011	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	68194-06-9	PCB-102	0.0000026	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	60145-21-3	PCB-103	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	56558-16-8	PCB-104	0.0000004	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	32598-14-4	PCB-105	0.000066	mg/kg		0.0043	0.12		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	70424-69-0	PCB-106	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	70424-68-9	PCB-107	0.0000099	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	70362-41-3	PCB-108	0.000057	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74472-35-8	PCB-109	0.000014	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	2050-67-1	PCB-11	0.000026	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	38380-03-9	PCB-110	0.00012	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	39635-32-0	PCB-111	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74472-36-9	PCB-112	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	68194-10-5	PCB-113	0.00011	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74472-37-0	PCB-114	0.0000019	mg/kg	J	0.003	0.12		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74472-38-1	PCB-115	0.00012	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	18259-05-7	PCB-116	0.000028	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	68194-11-6	PCB-117	0.000028	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	31508-00-6	PCB-118	0.00012	mg/kg		0.0022	0.12		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	56558-17-9	PCB-119	0.000057	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	2974-92-7	PCB-12	0.000013	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	68194-12-7	PCB-120	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	56558-18-0	PCB-121	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	76842-07-4	PCB-122	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	65510-44-3	PCB-123	0.0000045	mg/kg		0.003	0.12		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	70424-70-3	PCB-124	0.0000099	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74472-39-2	PCB-125	0.000057	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	57465-28-8	PCB-126	0.0000055	mg/kg		0.00000087	0.000035		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	39635-33-1	PCB-127	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	38380-07-3	PCB-128	0.00006	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	55215-18-4	PCB-129	0.00042	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	2974-90-5	PCB-13	0.000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52663-66-8	PCB-130	0.000024	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	61798-70-7	PCB-131	0.0000016	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	38380-05-1	PCB-132	0.000061	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	35694-04-3	PCB-133	0.0000065	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52704-70-8	PCB-134	0.0000048	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52744-13-5	PCB-135	0.000083	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	38411-22-2	PCB-136	0.000015	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	35694-06-5	PCB-137	0.000014	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	35065-28-2	PCB-138	0.00042	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	56030-56-9	PCB-139	0.0000026	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	34883-41-5	PCB-14	0.0000066	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	59291-64-4	PCB-140	0.0000026	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52712-04-6	PCB-141	0.000088	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	41411-61-4	PCB-142	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	68194-15-0	PCB-143	0.0000048	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	68194-14-9	PCB-144	0.0000095	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74472-40-5	PCB-145	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	51908-16-8	PCB-146	0.000059	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	68194-13-8	PCB-147	0.0002	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74472-41-6	PCB-148	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	38380-04-0	PCB-149	0.0002	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	2050-68-2	PCB-15	0.0000066	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	68194-08-1	PCB-150	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52663-63-5	PCB-151	0.000083	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	68194-09-2	PCB-152	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	35065-27-1	PCB-153	0.00035	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	60145-22-4	PCB-154	0.0000027	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	33979-03-2	PCB-155	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	38380-08-4	PCB-156	0.000063	mg/kg		0.0014	0.12		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	69782-90-7	PCB-157	0.000063	mg/kg		0.0014	0.12		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74472-42-7	PCB-158	0.000036	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	39635-35-3	PCB-159	0.0000067	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	38444-78-9	PCB-16	0.0000032	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	41411-62-5	PCB-160	0.0000026	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74472-43-8	PCB-161	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	39635-34-2	PCB-162	0.0000027	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74472-44-9	PCB-163	0.00042	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74472-45-0	PCB-164	0.000036	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74472-46-1	PCB-165	0.0000013	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	41411-63-6	PCB-166	0.00006	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52663-72-6	PCB-167	0.000028	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	59291-65-5	PCB-168	0.00035	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	32774-16-6	PCB-169	0.0000021	mg/kg	J+				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	37680-66-3	PCB-17	0.0000027	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	35065-30-6	PCB-170	0.00018	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52663-71-5	PCB-171	0.000045	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52663-74-8	PCB-172	0.000041	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	68194-16-1	PCB-173	0.000045	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	38411-25-5	PCB-174	0.00016	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	40186-70-7	PCB-175	0.0000036	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52663-65-7	PCB-176	0.0000099	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52663-70-4	PCB-177	0.000097	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52663-67-9	PCB-178	0.000038	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52663-64-6	PCB-179	0.000042	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	37680-65-2	PCB-18	0.0000044	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	35065-29-3	PCB-180	0.00037	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74472-47-2	PCB-181	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	60145-23-5	PCB-182	0.00000082	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52663-69-1	PCB-183	0.000072	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74472-48-3	PCB-184	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52712-05-7	PCB-185	0.000021	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74472-49-4	PCB-186	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52663-68-0	PCB-187	0.00019	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74487-85-7	PCB-188	0.0000011	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	39635-31-9	PCB-189	0.0000082	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	38444-73-4	PCB-19	0.0000026	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	41411-64-7	PCB-190	0.000042	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74472-50-7	PCB-191	0.0000063	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74472-51-8	PCB-192	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	69782-91-8	PCB-193	0.00037	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	35694-08-7	PCB-194	0.00015	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52663-78-2	PCB-195	0.000059	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	42740-50-1	PCB-196	0.000039	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	33091-17-7	PCB-197	0.0000022	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	68194-17-2	PCB-198	0.00013	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52663-75-9	PCB-199	0.00013	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	2051-61-8	PCB-2	0.0000038	mg/kg	J+				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	38444-84-7	PCB-20	0.0000095	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52663-73-7	PCB-200	0.000014	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	40186-71-8	PCB-201	0.0000091	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	2136-99-4	PCB-202	0.000048	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52663-76-0	PCB-203	0.000077	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74472-52-9	PCB-204	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74472-53-0	PCB-205	0.0000067	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	40186-72-9	PCB-206	0.000079	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52663-79-3	PCB-207	0.0000099	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52663-77-1	PCB-208	0.000029	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	2051-24-3	PCB-209	0.000023	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	55702-46-0	PCB-21	0.0000049	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	38444-85-8	PCB-22	0.0000032	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	55720-44-0	PCB-23	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	55702-45-9	PCB-24	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	55712-37-3	PCB-25	0.00000075	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	38444-81-4	PCB-26	0.0000018	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	38444-76-7	PCB-27	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	7012-37-5	PCB-28	0.0000095	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	15862-07-4	PCB-29	0.0000018	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	2051-62-9	PCB-3	0.000011	mg/kg	J+				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	35693-92-6	PCB-30	0.0000044	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	16606-02-3	PCB-31	0.000009	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	38444-77-8	PCB-32	0.0000019	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	38444-86-9	PCB-33	0.0000049	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	37680-68-5	PCB-34	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	37680-69-6	PCB-35	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	38444-87-0	PCB-36	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	38444-90-5	PCB-37	0.000006	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	53555-66-1	PCB-38	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	38444-88-1	PCB-39	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	13029-08-8	PCB-4	0.0000066	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	38444-93-8	PCB-40	0.0000022	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52663-59-9	PCB-41	0.0000026	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	36559-22-5	PCB-42	0.0000017	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	70362-46-8	PCB-43	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	41464-39-5	PCB-44	0.0000098	mg/kg	J+				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	70362-45-7	PCB-45	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	41464-47-5	PCB-46	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	2437-79-8	PCB-47	0.0000098	mg/kg	J+				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	70362-47-9	PCB-48	0.0000011	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	41464-40-8	PCB-49	0.0000073	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	16605-91-7	PCB-5	0.0000066	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	62796-65-0	PCB-50	0.00000074	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	68194-04-7	PCB-51	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	35693-99-3	PCB-52	0.000015	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	41464-41-9	PCB-53	0.00000074	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	15968-05-5	PCB-54	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74338-24-2	PCB-55	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	41464-43-1	PCB-56	0.0000037	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	70424-67-8	PCB-57	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	41464-49-7	PCB-58	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74472-33-6	PCB-59	0.00000066	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	25569-80-6	PCB-6	0.0000066	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	33025-41-1	PCB-60	0.0000026	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	33284-53-6	PCB-61	0.000029	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	54230-22-7	PCB-62	0.00000066	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74472-34-7	PCB-63	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52663-58-8	PCB-64	0.0000037	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	33284-54-7	PCB-65	0.0000098	mg/kg	J+				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	32598-10-0	PCB-66	0.000013	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	73575-53-8	PCB-67	0.0000013	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	73575-52-7	PCB-68	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	60233-24-1	PCB-69	0.0000073	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	33284-50-3	PCB-7	0.0000066	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	32598-11-1	PCB-70	0.000029	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	41464-46-4	PCB-71	0.0000022	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	41464-42-0	PCB-72	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	74338-23-1	PCB-73	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	32690-93-0	PCB-74	0.000029	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	32598-12-2	PCB-75	0.00000066	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	70362-48-0	PCB-76	0.000029	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	32598-13-3	PCB-77	0.0000088	mg/kg		0.000017	0.036		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	70362-49-1	PCB-78	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	41464-48-6	PCB-79	0.0000033	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	34883-43-7	PCB-8	0.0000066	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	33284-52-5	PCB-80	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	70362-50-4	PCB-81	0.0000013	mg/kg	U	0.00015	0.012		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52663-62-4	PCB-82	0.0000048	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	60145-20-2	PCB-83	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52663-60-2	PCB-84	0.0000095	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	65510-45-4	PCB-85	0.000028	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	55312-69-1	PCB-86	0.000057	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	38380-02-8	PCB-87	0.000057	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	55215-17-3	PCB-88	0.0000088	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	73575-57-2	PCB-89	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	34883-39-1	PCB-9	0.0000066	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	68194-07-0	PCB-90	0.00011	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	68194-05-8	PCB-91	0.0000088	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	52663-61-3	PCB-92	0.000021	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	73575-56-1	PCB-93	0.0000026	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	73575-55-0	PCB-94	0.0000013	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	38379-99-6	PCB-95	0.00004	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	73575-54-9	PCB-96	0.00000016	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	41464-51-1	PCB-97	0.000057	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	60233-25-2	PCB-98	0.0000026	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	1668C	38380-01-7	PCB-99	0.000052	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	Organotins	1002-53-5	Dibutyltin	0.049	mg/kg	U	1.8	1.8		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	Organotins	78763-54-9	Monobutyltin	0.072	mg/kg	U	2.2	2.2		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	Organotins	1461-25-2	Tetrabutyltin	0.11	mg/kg	U	2.2	2.2		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	Organotins	688-73-3	Tributyltin	0.057	mg/kg	U	2.2	2.2		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW6010C	7429-90-5	Aluminum	35600	mg/kg		50	7392		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW6010C	7440-38-2	Arsenic	1.09	mg/kg	UJ	0.43	0.43		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW6010C	7440-39-3	Barium	112	mg/kg		330	1440		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW6010C	7440-41-7	Beryllium	0.0977	mg/kg	J	15	15		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW6010C	7440-43-9	Cadmium	0.0543	mg/kg	UJ	0.36	0.68		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW6010C	7440-70-2	Calcium	10500	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW6010C	7440-47-3	Chromium	41.9	mg/kg		0.29	0.29		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW6010C	7440-48-4	Cobalt	17	mg/kg	J	2.2	2.2		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW6010C	7440-50-8	Copper	56.7	mg/kg		28	298		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW6010C	7439-89-6	Iron	42700	mg/kg		5280	5280		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW6010C	7439-92-1	Lead	24.4	mg/kg	J	11	192		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW6010C	7439-95-4	Magnesium	13800	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW6010C	7439-96-5	Manganese	810	mg/kg		173	173		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW6010C	7440-02-0	Nickel	28.4	mg/kg		38	134		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW6010C	7440-09-7	Potassium	1480	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW6010C	7440-23-5	Sodium	425	mg/kg	J				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW6010C	7440-28-0	Thallium	1.09	mg/kg	UJ	0.05	0.075		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW6010C	7440-62-2	Vanadium	92.1	mg/kg		7.8	37		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW6010C	7440-66-6	Zinc	64.5	mg/kg	J	46	2208		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW6020B	7440-36-0	Antimony	0.31	mg/kg		0.27	3		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW6020B	7782-49-2	Selenium	2.8	mg/kg		0.52	37		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW6020B	7440-22-4	Silver	0.053	mg/kg	J	4.2	37		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW7471B	7439-97-6	Mercury	0.0348	mg/kg		0.013	1.1		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8081B	53-19-0	2,4-DDD	0.00026	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8081B	3424-82-6	2,4-DDE	0.00026	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8081B	789-02-6	2,4-DDT	0.00026	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8081B	72-54-8	4,4'-DDD	0.000096	mg/kg	U	0.021	2.2		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8081B	72-55-9	4,4'-DDE	0.0017	mg/kg		0.021	1.8		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8081B	50-29-3	4,4'-DDT	0.0014	mg/kg		0.021	1.8		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8081B	309-00-2	Aldrin	0.000096	mg/kg	U	0.000085	0.031		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8081B	5103-71-9	alpha-Chlordane	0.00019	mg/kg	U	0.27	1.7		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8081B	60-57-1	Dieldrin	0.0003	mg/kg		0.0049	0.033		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8081B	959-98-8	Endosulfan I	0.000096	mg/kg	U	0.64	45		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8081B	33213-65-9	Endosulfan II	0.000096	mg/kg	U	0.64	45		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8081B	1031-07-8	Endosulfan sulfate	0.000096	mg/kg	U	0.64	36		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8081B	72-20-8	Endrin	0.00019	mg/kg	U	0.0014	1.8		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8081B	7421-93-4	Endrin aldehyde	0.0019	mg/kg	U	0.0014	1.8		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8081B	53494-70-5	Endrin ketone	0.00019	mg/kg	U	0.0014	1.8		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00396	mg/kg	J	0.0096	0.49		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8081B	5103-74-2	gamma-Chlordane	0.000096	mg/kg	U	0.27	1.7		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8081B	76-44-8	Heptachlor	0.00039	mg/kg	J+	0.0016	0.11		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8081B	1024-57-3	Heptachlor epoxide	0.000096	mg/kg	U	0.00015	0.055		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8081B	72-43-5	Methoxychlor	0.000096	mg/kg	U	5.1	31		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8081B	27304-13-8	Oxychlordane	0.00215	mg/kg	U				
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8082A	12674-11-2	Aroclor-1016	0.0019	mg/kg	U	0.041	0.1		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8082A	11104-28-2	Aroclor-1221	0.0013	mg/kg	U	0.041	0.19		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8082A	11141-16-5	Aroclor-1232	0.0013	mg/kg	U	0.041	0.16		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8082A	53469-21-9	Aroclor-1242	0.0013	mg/kg	U	0.041	0.22		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8082A	12672-29-6	Aroclor-1248	0.00077	mg/kg	U	0.041	0.22		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8082A	11097-69-1	Aroclor-1254	0.0013	mg/kg	U	0.029	0.029		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8082A	11096-82-5	Aroclor-1260	0.006	mg/kg		0.041	0.23		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	91-57-6	2-Methylnaphthalene	0.0161	mg/kg	U	23	23		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	83-32-9	Acenaphthene	0.0108	mg/kg	U	29	346		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	208-96-8	Acenaphthylene	0.0108	mg/kg	U	1.9	1.9		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	120-12-7	Anthracene	0.00753	mg/kg	J	29	1728		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	56-55-3	Benzo(a)anthracene	0.0416	mg/kg		1.1	1.1		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	50-32-8	Benzo(a)pyrene	0.0502	mg/kg	J	0.11	0.11		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0713	mg/kg		1.1	1.1		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.0398	mg/kg	J	1.1	173		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0287	mg/kg	J	1.1	11		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.224	mg/kg		0.02	37		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	85-68-7	Butyl benzylphthalate	0.0323	mg/kg	U	90	278		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	86-74-8	Carbazole	0.00824	mg/kg	J	7.5	7.5		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	218-01-9	Chrysene	0.0459	mg/kg		1.1	106		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0168	mg/kg	J	0.1056	0.11		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	132-64-9	Dibenzofuran	0.0161	mg/kg	U	6.1	7.5		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	84-74-2	Di-n-butylphthalate	0.0158	mg/kg	J	0.011	605		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	206-44-0	Fluoranthene	0.0717	mg/kg		1.1	230		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	86-73-7	Fluorene	0.00609	mg/kg	J	29	230		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0455	mg/kg		1.1	1.1		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	91-20-3	Naphthalene	0.0215	mg/kg	U	1.9	1.9		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	85-01-8	Phenanthrene	0.0294	mg/kg	J	29	1728		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	108-95-2	Phenol	0.0215	mg/kg	U	0.79	1824		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	SW8270D	129-00-0	Pyrene	0.0663	mg/kg		1.1	173		
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0832	mg/kg					
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.4778	mg/kg		1.1			
DU-6	723370.06	7834166.288	8/23/2021	0 - 0	SO	N	SA-DU6-01	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.1388	mg/kg		29			
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0092	mg/kg		0.0073	0.23		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	2051-60-7	PCB-1	0.0000029	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	33146-45-1	PCB-10	0.0000073	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	39485-83-1	PCB-100	0.0000029	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	37680-73-2	PCB-101	0.00014	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	68194-06-9	PCB-102	0.0000029	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	60145-21-3	PCB-103	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	56558-16-8	PCB-104	0.00000068	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	32598-14-4	PCB-105	0.0001	mg/kg		0.0043	0.12		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	70424-69-0	PCB-106	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	70424-68-9	PCB-107	0.000014	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	70362-41-3	PCB-108	0.000088	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74472-35-8	PCB-109	0.000021	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	2050-67-1	PCB-11	0.000029	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	38380-03-9	PCB-110	0.00015	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	39635-32-0	PCB-111	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74472-36-9	PCB-112	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	68194-10-5	PCB-113	0.00014	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74472-37-0	PCB-114	0.0000043	mg/kg		0.003	0.12		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74472-38-1	PCB-115	0.00015	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	18259-05-7	PCB-116	0.000041	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	68194-11-6	PCB-117	0.000041	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	31508-00-6	PCB-118	0.00017	mg/kg		0.0022	0.12		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	56558-17-9	PCB-119	0.000088	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	2974-92-7	PCB-12	0.000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	68194-12-7	PCB-120	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	56558-18-0	PCB-121	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	76842-07-4	PCB-122	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	65510-44-3	PCB-123	0.0000061	mg/kg		0.003	0.12		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	70424-70-3	PCB-124	0.000014	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74472-39-2	PCB-125	0.000088	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	57465-28-8	PCB-126	0.0000058	mg/kg		0.00000087	0.000035		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	39635-33-1	PCB-127	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	38380-07-3	PCB-128	0.000062	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	55215-18-4	PCB-129	0.00041	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	2974-90-5	PCB-13	0.000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52663-66-8	PCB-130	0.000024	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	61798-70-7	PCB-131	0.0000013	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	38380-05-1	PCB-132	0.000051	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	35694-04-3	PCB-133	0.0000059	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52704-70-8	PCB-134	0.0000029	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52744-13-5	PCB-135	0.000079	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	38411-22-2	PCB-136	0.000013	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	35694-06-5	PCB-137	0.000014	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	35065-28-2	PCB-138	0.00041	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	56030-56-9	PCB-139	0.000003	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	34883-41-5	PCB-14	0.0000073	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	59291-64-4	PCB-140	0.000003	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52712-04-6	PCB-141	0.000072	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	41411-61-4	PCB-142	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	68194-15-0	PCB-143	0.0000029	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	68194-14-9	PCB-144	0.0000091	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74472-40-5	PCB-145	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	51908-16-8	PCB-146	0.000057	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	68194-13-8	PCB-147	0.00018	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74472-41-6	PCB-148	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	38380-04-0	PCB-149	0.00018	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	2050-68-2	PCB-15	0.0000073	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	68194-08-1	PCB-150	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52663-63-5	PCB-151	0.000079	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	68194-09-2	PCB-152	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	35065-27-1	PCB-153	0.00033	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	60145-22-4	PCB-154	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	33979-03-2	PCB-155	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	38380-08-4	PCB-156	0.000057	mg/kg		0.0014	0.12		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	69782-90-7	PCB-157	0.000057	mg/kg		0.0014	0.12		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74472-42-7	PCB-158	0.000033	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	39635-35-3	PCB-159	0.0000092	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	38444-78-9	PCB-16	0.0000069	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	41411-62-5	PCB-160	0.0000029	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74472-43-8	PCB-161	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	39635-34-2	PCB-162	0.0000025	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74472-44-9	PCB-163	0.00041	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74472-45-0	PCB-164	0.000031	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74472-46-1	PCB-165	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	41411-63-6	PCB-166	0.000062	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52663-72-6	PCB-167	0.000027	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	59291-65-5	PCB-168	0.00033	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	32774-16-6	PCB-169	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	37680-66-3	PCB-17	0.0000061	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	35065-30-6	PCB-170	0.00018	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52663-71-5	PCB-171	0.000047	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52663-74-8	PCB-172	0.000046	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	68194-16-1	PCB-173	0.000047	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	38411-25-5	PCB-174	0.00017	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	40186-70-7	PCB-175	0.0000053	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52663-65-7	PCB-176	0.000012	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52663-70-4	PCB-177	0.00011	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52663-67-9	PCB-178	0.000047	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52663-64-6	PCB-179	0.000049	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	37680-65-2	PCB-18	0.000013	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	35065-29-3	PCB-180	0.00042	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74472-47-2	PCB-181	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	60145-23-5	PCB-182	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52663-69-1	PCB-183	0.000082	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74472-48-3	PCB-184	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52712-05-7	PCB-185	0.000029	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74472-49-4	PCB-186	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52663-68-0	PCB-187	0.00022	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74487-85-7	PCB-188	0.0000012	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	39635-31-9	PCB-189	0.0000088	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	38444-73-4	PCB-19	0.0000029	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	41411-64-7	PCB-190	0.000041	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74472-50-7	PCB-191	0.0000064	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74472-51-8	PCB-192	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	69782-91-8	PCB-193	0.00042	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	35694-08-7	PCB-194	0.0001	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52663-78-2	PCB-195	0.00004	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	42740-50-1	PCB-196	0.000057	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	33091-17-7	PCB-197	0.0000035	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	68194-17-2	PCB-198	0.00018	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52663-75-9	PCB-199	0.00018	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	2051-61-8	PCB-2	0.0000026	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	38444-84-7	PCB-20	0.000016	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52663-73-7	PCB-200	0.000023	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	40186-71-8	PCB-201	0.000015	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	2136-99-4	PCB-202	0.000052	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52663-76-0	PCB-203	0.00011	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74472-52-9	PCB-204	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74472-53-0	PCB-205	0.0000065	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	40186-72-9	PCB-206	0.000095	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52663-79-3	PCB-207	0.000012	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52663-77-1	PCB-208	0.000036	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	2051-24-3	PCB-209	0.000025	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	55702-46-0	PCB-21	0.0000099	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	38444-85-8	PCB-22	0.000006	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	55720-44-0	PCB-23	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	55702-45-9	PCB-24	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	55712-37-3	PCB-25	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	38444-81-4	PCB-26	0.0000026	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	38444-76-7	PCB-27	0.00000086	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	7012-37-5	PCB-28	0.000016	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	15862-07-4	PCB-29	0.0000026	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	2051-62-9	PCB-3	0.0000079	mg/kg	J+				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	35693-92-6	PCB-30	0.000013	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	16606-02-3	PCB-31	0.00002	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	38444-77-8	PCB-32	0.0000045	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	38444-86-9	PCB-33	0.0000099	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	37680-68-5	PCB-34	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	37680-69-6	PCB-35	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	38444-87-0	PCB-36	0.0000013	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	38444-90-5	PCB-37	0.0000091	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	53555-66-1	PCB-38	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	38444-88-1	PCB-39	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	13029-08-8	PCB-4	0.0000073	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	38444-93-8	PCB-40	0.000023	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52663-59-9	PCB-41	0.0000061	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	36559-22-5	PCB-42	0.000013	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	70362-46-8	PCB-43	0.0000022	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	41464-39-5	PCB-44	0.000055	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	70362-45-7	PCB-45	0.000011	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	41464-47-5	PCB-46	0.0000041	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	2437-79-8	PCB-47	0.000055	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	70362-47-9	PCB-48	0.000012	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	41464-40-8	PCB-49	0.000034	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	16605-91-7	PCB-5	0.0000073	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	62796-65-0	PCB-50	0.00001	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	68194-04-7	PCB-51	0.0000025	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	35693-99-3	PCB-52	0.000065	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	41464-41-9	PCB-53	0.00001	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	15968-05-5	PCB-54	0.00000097	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74338-24-2	PCB-55	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	41464-43-1	PCB-56	0.000023	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	70424-67-8	PCB-57	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	41464-49-7	PCB-58	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74472-33-6	PCB-59	0.0000046	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	25569-80-6	PCB-6	0.0000073	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	33025-41-1	PCB-60	0.000015	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	33284-53-6	PCB-61	0.000099	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	54230-22-7	PCB-62	0.0000046	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74472-34-7	PCB-63	0.0000024	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52663-58-8	PCB-64	0.000025	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	33284-54-7	PCB-65	0.000055	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	32598-10-0	PCB-66	0.000043	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	73575-53-8	PCB-67	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	73575-52-7	PCB-68	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	60233-24-1	PCB-69	0.000034	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	33284-50-3	PCB-7	0.0000073	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	32598-11-1	PCB-70	0.000099	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	41464-46-4	PCB-71	0.000023	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	41464-42-0	PCB-72	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	74338-23-1	PCB-73	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	32690-93-0	PCB-74	0.000099	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	32598-12-2	PCB-75	0.0000046	mg/kg	J				

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	70362-48-0	PCB-76	0.000099	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	32598-13-3	PCB-77	0.000014	mg/kg		0.000017	0.036		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	70362-49-1	PCB-78	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	41464-48-6	PCB-79	0.000003	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	34883-43-7	PCB-8	0.0000073	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	33284-52-5	PCB-80	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	70362-50-4	PCB-81	0.0000015	mg/kg	U	0.00015	0.012		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52663-62-4	PCB-82	0.000015	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	60145-20-2	PCB-83	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52663-60-2	PCB-84	0.000023	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	65510-45-4	PCB-85	0.000041	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	55312-69-1	PCB-86	0.000088	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	38380-02-8	PCB-87	0.000088	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	55215-17-3	PCB-88	0.000016	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	73575-57-2	PCB-89	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	34883-39-1	PCB-9	0.0000073	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	68194-07-0	PCB-90	0.00014	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	68194-05-8	PCB-91	0.000016	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	52663-61-3	PCB-92	0.000027	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	73575-56-1	PCB-93	0.0000029	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	73575-55-0	PCB-94	0.0000015	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	38379-99-6	PCB-95	0.00007	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	73575-54-9	PCB-96	0.00000097	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	41464-51-1	PCB-97	0.000088	mg/kg	J				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	60233-25-2	PCB-98	0.0000029	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	1668C	38380-01-7	PCB-99	0.000079	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	Organotins	1002-53-5	Dibutyltin	0.053	mg/kg	U	1.8	1.8		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	Organotins	78763-54-9	Monobutyltin	0.078	mg/kg	U	2.2	2.2		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	Organotins	1461-25-2	Tetrabutyltin	0.12	mg/kg	U	2.2	2.2		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	Organotins	688-73-3	Tributyltin	0.062	mg/kg	U	2.2	2.2		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW6010C	7429-90-5	Aluminum	31600	mg/kg		50	7392		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW6010C	7440-38-2	Arsenic	1.13	mg/kg	U	0.43	0.43		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW6010C	7440-39-3	Barium	114	mg/kg		330	1440		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW6010C	7440-41-7	Beryllium	0.234	mg/kg	J	15	15		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW6010C	7440-43-9	Cadmium	0.0563	mg/kg	U	0.36	0.68		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW6010C	7440-70-2	Calcium	9300	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW6010C	7440-47-3	Chromium	34.8	mg/kg		0.29	0.29		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW6010C	7440-48-4	Cobalt	16.5	mg/kg		2.2	2.2		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW6010C	7440-50-8	Copper	49.6	mg/kg		28	298		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW6010C	7439-89-6	Iron	35100	mg/kg		5280	5280		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW6010C	7439-92-1	Lead	23.1	mg/kg		11	192		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW6010C	7439-95-4	Magnesium	11500	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW6010C	7439-96-5	Manganese	642	mg/kg		173	173		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW6010C	7440-02-0	Nickel	21.1	mg/kg		38	134		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW6010C	7440-09-7	Potassium	1140	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW6010C	7440-23-5	Sodium	357	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW6010C	7440-28-0	Thallium	1.13	mg/kg	U	0.05	0.075		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW6010C	7440-62-2	Vanadium	85.7	mg/kg		7.8	37		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW6010C	7440-66-6	Zinc	56	mg/kg		46	2208		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW6020B	7440-36-0	Antimony	0.25	mg/kg		0.27	3		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW6020B	7782-49-2	Selenium	3.4	mg/kg		0.52	37		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW6020B	7440-22-4	Silver	0.048	mg/kg	J	4.2	37		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW7471B	7439-97-6	Mercury	0.0913	mg/kg		0.013	1.1		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8081B	53-19-0	2,4-DDD	0.00225	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8081B	3424-82-6	2,4-DDE	0.00225	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8081B	789-02-6	2,4-DDT	0.00225	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8081B	72-54-8	4,4'-DDD	0.00449	mg/kg		0.021	2.2		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8081B	72-55-9	4,4'-DDE	0.000697	mg/kg		0.021	1.8		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8081B	50-29-3	4,4'-DDT	0.00449	mg/kg		0.021	1.8		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8081B	309-00-2	Aldrin	0.00225	mg/kg	U	0.000085	0.031		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8081B	5103-71-9	alpha-Chlordane	0.00225	mg/kg	U	0.27	1.7		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8081B	60-57-1	Dieldrin	0.00225	mg/kg	U	0.0049	0.033		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8081B	959-98-8	Endosulfan I	0.00225	mg/kg	U	0.64	45		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8081B	33213-65-9	Endosulfan II	0.00225	mg/kg	J	0.64	45		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8081B	1031-07-8	Endosulfan sulfate	0.00449	mg/kg	U	0.64	36		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8081B	72-20-8	Endrin	0.00225	mg/kg	U	0.0014	1.8		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8081B	7421-93-4	Endrin aldehyde	0.00449	mg/kg	U	0.0014	1.8		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8081B	53494-70-5	Endrin ketone	0.00449	mg/kg	U	0.0014	1.8		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00225	mg/kg	U	0.0096	0.49		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8081B	5103-74-2	gamma-Chlordane	0.00449	mg/kg	U	0.27	1.7		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8081B	76-44-8	Heptachlor	0.00449	mg/kg	U	0.0016	0.11		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8081B	1024-57-3	Heptachlor epoxide	0.00449	mg/kg	U	0.00015	0.055		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8081B	72-43-5	Methoxychlor	0.00449	mg/kg	U	5.1	31		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8081B	27304-13-8	Oxychlordane	0.00225	mg/kg	U				
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8082A	12674-11-2	Aroclor-1016	0.0021	mg/kg	U	0.041	0.1		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8082A	11104-28-2	Aroclor-1221	0.0014	mg/kg	U	0.041	0.19		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8082A	11141-16-5	Aroclor-1232	0.0014	mg/kg	U	0.041	0.16		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8082A	53469-21-9	Aroclor-1242	0.0014	mg/kg	U	0.041	0.22		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8082A	12672-29-6	Aroclor-1248	0.00083	mg/kg	U	0.041	0.22		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8082A	11097-69-1	Aroclor-1254	0.0014	mg/kg	U	0.029	0.029		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8082A	11096-82-5	Aroclor-1260	0.0038	mg/kg		0.041	0.23		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	91-57-6	2-Methylnaphthalene	0.0169	mg/kg	U	23	23		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	83-32-9	Acenaphthene	0.00488	mg/kg	J	29	346		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	208-96-8	Acenaphthylene	0.0113	mg/kg	U	1.9	1.9		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	120-12-7	Anthracene	0.00826	mg/kg	J	29	1728		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	56-55-3	Benzo(a)anthracene	0.0394	mg/kg		1.1	1.1		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	50-32-8	Benzo(a)pyrene	0.0473	mg/kg	J	0.11	0.11		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0627	mg/kg		1.1	1.1		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.0375	mg/kg	J	1.1	173		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0267	mg/kg	J	1.1	11		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.152	mg/kg	J	0.02	37		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	85-68-7	Butyl benzylphthalate	0.0338	mg/kg	U	90	278		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	86-74-8	Carbazole	0.00788	mg/kg	J	7.5	7.5		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	218-01-9	Chrysene	0.042	mg/kg		1.1	106		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0184	mg/kg	J	0.1056	0.11		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	132-64-9	Dibenzofuran	0.0169	mg/kg	U	6.1	7.5		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	84-74-2	Di-n-butylphthalate	0.0139	mg/kg	J	0.011	605		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	206-44-0	Fluoranthene	0.074	mg/kg		1.1	230		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	86-73-7	Fluorene	0.00601	mg/kg	J	29	230		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0439	mg/kg		1.1	1.1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	91-20-3	Naphthalene	0.0225	mg/kg	U	1.9	1.9		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	85-01-8	Phenanthrene	0.0383	mg/kg		29	1728		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	108-95-2	Phenol	0.0225	mg/kg	U	0.79	1824		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	SW8270D	129-00-0	Pyrene	0.0672	mg/kg		1.1	173		
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0806	mg/kg					
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.4591	mg/kg		1.1			
DU-7	723430.017	7834278.043	8/25/2021	0 - 0	SO	N	SA-DU7-01	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.1452	mg/kg		29			
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0049	mg/kg		0.0073	0.23		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	2051-60-7	PCB-1	0.000004	mg/kg	J+				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	33146-45-1	PCB-10	0.0000066	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	39485-83-1	PCB-100	0.0000027	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	37680-73-2	PCB-101	0.00007	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	68194-06-9	PCB-102	0.0000027	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	60145-21-3	PCB-103	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	56558-16-8	PCB-104	0.00000049	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	32598-14-4	PCB-105	0.00006	mg/kg		0.0043	0.12		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	70424-69-0	PCB-106	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	70424-68-9	PCB-107	0.0000095	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	70362-41-3	PCB-108	0.00004	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74472-35-8	PCB-109	0.000013	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	2050-67-1	PCB-11	0.000013	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	38380-03-9	PCB-110	0.000073	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	39635-32-0	PCB-111	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74472-36-9	PCB-112	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	68194-10-5	PCB-113	0.00007	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74472-37-0	PCB-114	0.0000013	mg/kg	U	0.003	0.12		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74472-38-1	PCB-115	0.000073	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	18259-05-7	PCB-116	0.000023	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	68194-11-6	PCB-117	0.000023	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	31508-00-6	PCB-118	0.0001	mg/kg		0.0022	0.12		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	56558-17-9	PCB-119	0.00004	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	2974-92-7	PCB-12	0.000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	68194-12-7	PCB-120	0.0000013	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	56558-18-0	PCB-121	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	76842-07-4	PCB-122	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	65510-44-3	PCB-123	0.0000045	mg/kg		0.003	0.12		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	70424-70-3	PCB-124	0.0000095	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74472-39-2	PCB-125	0.00004	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	57465-28-8	PCB-126	0.0000037	mg/kg		0.00000087	0.000035		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	39635-33-1	PCB-127	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	38380-07-3	PCB-128	0.000045	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	55215-18-4	PCB-129	0.00028	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	2974-90-5	PCB-13	0.000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52663-66-8	PCB-130	0.000016	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	61798-70-7	PCB-131	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	38380-05-1	PCB-132	0.000026	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	35694-04-3	PCB-133	0.0000051	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52704-70-8	PCB-134	0.0000033	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52744-13-5	PCB-135	0.000048	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	38411-22-2	PCB-136	0.0000058	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	35694-06-5	PCB-137	0.000012	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	35065-28-2	PCB-138	0.00028	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	56030-56-9	PCB-139	0.000002	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	34883-41-5	PCB-14	0.0000066	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	59291-64-4	PCB-140	0.000002	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52712-04-6	PCB-141	0.000046	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	41411-61-4	PCB-142	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	68194-15-0	PCB-143	0.0000033	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	68194-14-9	PCB-144	0.0000042	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74472-40-5	PCB-145	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	51908-16-8	PCB-146	0.000041	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	68194-13-8	PCB-147	0.000099	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74472-41-6	PCB-148	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	38380-04-0	PCB-149	0.000099	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	2050-68-2	PCB-15	0.0000076	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	68194-08-1	PCB-150	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52663-63-5	PCB-151	0.000048	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	68194-09-2	PCB-152	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	35065-27-1	PCB-153	0.00023	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	60145-22-4	PCB-154	0.0000019	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	33979-03-2	PCB-155	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	38380-08-4	PCB-156	0.000035	mg/kg		0.0014	0.12		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	69782-90-7	PCB-157	0.000035	mg/kg		0.0014	0.12		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74472-42-7	PCB-158	0.000025	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	39635-35-3	PCB-159	0.0000033	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	38444-78-9	PCB-16	0.0000039	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	41411-62-5	PCB-160	0.0000027	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74472-43-8	PCB-161	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	39635-34-2	PCB-162	0.0000015	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74472-44-9	PCB-163	0.00028	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74472-45-0	PCB-164	0.00002	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74472-46-1	PCB-165	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	41411-63-6	PCB-166	0.000045	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52663-72-6	PCB-167	0.000016	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	59291-65-5	PCB-168	0.00023	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	32774-16-6	PCB-169	0.0000016	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	37680-66-3	PCB-17	0.0000044	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	35065-30-6	PCB-170	0.000077	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52663-71-5	PCB-171	0.000018	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52663-74-8	PCB-172	0.000021	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	68194-16-1	PCB-173	0.000018	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	38411-25-5	PCB-174	0.00008	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	40186-70-7	PCB-175	0.0000022	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52663-65-7	PCB-176	0.0000041	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52663-70-4	PCB-177	0.000043	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52663-67-9	PCB-178	0.000034	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52663-64-6	PCB-179	0.000029	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	37680-65-2	PCB-18	0.0000061	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	35065-29-3	PCB-180	0.00019	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74472-47-2	PCB-181	0.0000013	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	60145-23-5	PCB-182	0.0000014	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52663-69-1	PCB-183	0.000033	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74472-48-3	PCB-184	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52712-05-7	PCB-185	0.000007	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74472-49-4	PCB-186	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52663-68-0	PCB-187	0.00013	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74487-85-7	PCB-188	0.00000083	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	39635-31-9	PCB-189	0.0000042	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	38444-73-4	PCB-19	0.0000022	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	41411-64-7	PCB-190	0.000019	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74472-50-7	PCB-191	0.0000025	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74472-51-8	PCB-192	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	69782-91-8	PCB-193	0.00019	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	35694-08-7	PCB-194	0.000042	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52663-78-2	PCB-195	0.000017	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	42740-50-1	PCB-196	0.000024	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	33091-17-7	PCB-197	0.0000019	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	68194-17-2	PCB-198	0.0001	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52663-75-9	PCB-199	0.0001	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	2051-61-8	PCB-2	0.0000034	mg/kg	J+				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	38444-84-7	PCB-20	0.000011	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52663-73-7	PCB-200	0.00001	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	40186-71-8	PCB-201	0.0000059	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	2136-99-4	PCB-202	0.000031	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52663-76-0	PCB-203	0.000055	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74472-52-9	PCB-204	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74472-53-0	PCB-205	0.0000027	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	40186-72-9	PCB-206	0.000042	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52663-79-3	PCB-207	0.0000057	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52663-77-1	PCB-208	0.000018	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	2051-24-3	PCB-209	0.000016	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	55702-46-0	PCB-21	0.0000062	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	38444-85-8	PCB-22	0.0000036	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	55720-44-0	PCB-23	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	55702-45-9	PCB-24	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	55712-37-3	PCB-25	0.00000077	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	38444-81-4	PCB-26	0.0000017	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	38444-76-7	PCB-27	0.00000062	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	7012-37-5	PCB-28	0.000011	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	15862-07-4	PCB-29	0.0000017	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	2051-62-9	PCB-3	0.0000081	mg/kg	J+				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	35693-92-6	PCB-30	0.0000061	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	16606-02-3	PCB-31	0.000011	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	38444-77-8	PCB-32	0.0000028	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	38444-86-9	PCB-33	0.0000062	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	37680-68-5	PCB-34	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	37680-69-6	PCB-35	0.00000075	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	38444-87-0	PCB-36	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	38444-90-5	PCB-37	0.0000066	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	53555-66-1	PCB-38	0.0000012	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	38444-88-1	PCB-39	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	13029-08-8	PCB-4	0.0000066	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	38444-93-8	PCB-40	0.0000025	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52663-59-9	PCB-41	0.00000077	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	36559-22-5	PCB-42	0.0000016	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	70362-46-8	PCB-43	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	41464-39-5	PCB-44	0.000011	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	70362-45-7	PCB-45	0.0000011	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	41464-47-5	PCB-46	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	2437-79-8	PCB-47	0.000011	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	70362-47-9	PCB-48	0.0000012	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	41464-40-8	PCB-49	0.0000084	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	16605-91-7	PCB-5	0.0000066	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	62796-65-0	PCB-50	0.00000084	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	68194-04-7	PCB-51	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	35693-99-3	PCB-52	0.000016	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	41464-41-9	PCB-53	0.00000084	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	15968-05-5	PCB-54	0.00000068	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74338-24-2	PCB-55	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	41464-43-1	PCB-56	0.0000049	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	70424-67-8	PCB-57	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	41464-49-7	PCB-58	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74472-33-6	PCB-59	0.00000057	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	25569-80-6	PCB-6	0.0000066	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	33025-41-1	PCB-60	0.0000046	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	33284-53-6	PCB-61	0.000035	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	54230-22-7	PCB-62	0.00000057	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74472-34-7	PCB-63	0.00000083	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52663-58-8	PCB-64	0.000005	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	33284-54-7	PCB-65	0.000011	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	32598-10-0	PCB-66	0.000013	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	73575-53-8	PCB-67	0.00000045	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	73575-52-7	PCB-68	0.00000076	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	60233-24-1	PCB-69	0.0000084	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	33284-50-3	PCB-7	0.0000066	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	32598-11-1	PCB-70	0.000035	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	41464-46-4	PCB-71	0.0000025	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	41464-42-0	PCB-72	0.00000058	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	74338-23-1	PCB-73	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	32690-93-0	PCB-74	0.000035	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	32598-12-2	PCB-75	0.00000057	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	70362-48-0	PCB-76	0.000035	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	32598-13-3	PCB-77	0.0000094	mg/kg		0.000017	0.036		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	70362-49-1	PCB-78	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	41464-48-6	PCB-79	0.0000024	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	34883-43-7	PCB-8	0.0000066	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	33284-52-5	PCB-80	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	70362-50-4	PCB-81	0.00000085	mg/kg	J	0.00015	0.012		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52663-62-4	PCB-82	0.0000039	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	60145-20-2	PCB-83	0.0000013	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52663-60-2	PCB-84	0.0000063	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	65510-45-4	PCB-85	0.000023	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	55312-69-1	PCB-86	0.00004	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	38380-02-8	PCB-87	0.00004	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	55215-17-3	PCB-88	0.000005	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	73575-57-2	PCB-89	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	34883-39-1	PCB-9	0.0000066	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	68194-07-0	PCB-90	0.00007	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	68194-05-8	PCB-91	0.000005	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	52663-61-3	PCB-92	0.000013	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	73575-56-1	PCB-93	0.0000027	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	73575-55-0	PCB-94	0.0000013	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	38379-99-6	PCB-95	0.00003	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	73575-54-9	PCB-96	0.00000013	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	41464-51-1	PCB-97	0.00004	mg/kg	J				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	60233-25-2	PCB-98	0.0000027	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	1668C	38380-01-7	PCB-99	0.000037	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	Organotins	1002-53-5	Dibutyltin	0.049	mg/kg	UJ	1.8	1.8		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	Organotins	78763-54-9	Monobutyltin	0.072	mg/kg	UJ	2.2	2.2		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	Organotins	1461-25-2	Tetrabutyltin	0.12	mg/kg	UJ	2.2	2.2		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	Organotins	688-73-3	Tributyltin	0.057	mg/kg	UJ	2.2	2.2		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW6010C	7429-90-5	Aluminum	29200	mg/kg		50	7392		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW6010C	7440-38-2	Arsenic	1.08	mg/kg	UJ	0.43	0.43		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW6010C	7440-39-3	Barium	131	mg/kg		330	1440		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW6010C	7440-41-7	Beryllium	0.113	mg/kg	J	15	15		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW6010C	7440-43-9	Cadmium	0.054	mg/kg	U	0.36	0.68		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW6010C	7440-70-2	Calcium	8740	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW6010C	7440-47-3	Chromium	37.1	mg/kg		0.29	0.29		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW6010C	7440-48-4	Cobalt	17.2	mg/kg	J-	2.2	2.2		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW6010C	7440-50-8	Copper	50.7	mg/kg		28	298		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW6010C	7439-89-6	Iron	35000	mg/kg		5280	5280		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW6010C	7439-92-1	Lead	13.9	mg/kg		11	192		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW6010C	7439-95-4	Magnesium	9520	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW6010C	7439-96-5	Manganese	788	mg/kg		173	173		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW6010C	7440-02-0	Nickel	22.2	mg/kg		38	134		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW6010C	7440-09-7	Potassium	1220	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW6010C	7440-23-5	Sodium	333	mg/kg	J+				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW6010C	7440-28-0	Thallium	1.08	mg/kg	UJ	0.05	0.075		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW6010C	7440-62-2	Vanadium	85.4	mg/kg	J+	7.8	37		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW6010C	7440-66-6	Zinc	65.9	mg/kg	J-	46	2208		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW6020B	7440-36-0	Antimony	0.32	mg/kg		0.27	3		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW6020B	7782-49-2	Selenium	3.4	mg/kg		0.52	37		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW6020B	7440-22-4	Silver	0.054	mg/kg	J	4.2	37		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW7471B	7439-97-6	Mercury	0.129	mg/kg		0.013	1.1		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8081B	53-19-0	2,4-DDD	0.00217	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8081B	3424-82-6	2,4-DDE	0.00217	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8081B	789-02-6	2,4-DDT	0.00217	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8081B	72-54-8	4,4'-DDD	0.00434	mg/kg	U	0.021	2.2		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8081B	72-55-9	4,4'-DDE	0.000369	mg/kg	J	0.021	1.8		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8081B	50-29-3	4,4'-DDT	0.00434	mg/kg	U	0.021	1.8		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8081B	309-00-2	Aldrin	0.00217	mg/kg	U	0.000085	0.031		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8081B	5103-71-9	alpha-Chlordane	0.00217	mg/kg	U	0.27	1.7		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8081B	60-57-1	Dieldrin	0.00217	mg/kg	U	0.0049	0.033		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8081B	959-98-8	Endosulfan I	0.00217	mg/kg	U	0.64	45		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8081B	33213-65-9	Endosulfan II	0.00217	mg/kg	U	0.64	45		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8081B	1031-07-8	Endosulfan sulfate	0.00434	mg/kg	U	0.64	36		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8081B	72-20-8	Endrin	0.00217	mg/kg	U	0.0014	1.8		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8081B	7421-93-4	Endrin aldehyde	0.00434	mg/kg	U	0.0014	1.8		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8081B	53494-70-5	Endrin ketone	0.00434	mg/kg	U	0.0014	1.8		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00217	mg/kg	U	0.0096	0.49		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8081B	5103-74-2	gamma-Chlordane	0.00434	mg/kg	U	0.27	1.7		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8081B	76-44-8	Heptachlor	0.00434	mg/kg	U	0.0016	0.11		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8081B	1024-57-3	Heptachlor epoxide	0.00434	mg/kg	U	0.00015	0.055		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8081B	72-43-5	Methoxychlor	0.00434	mg/kg	U	5.1	31		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8081B	27304-13-8	Oxychlordane	0.00217	mg/kg	U				
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8082A	12674-11-2	Aroclor-1016	0.002	mg/kg	U	0.041	0.1		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8082A	11104-28-2	Aroclor-1221	0.0013	mg/kg	U	0.041	0.19		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8082A	11141-16-5	Aroclor-1232	0.0013	mg/kg	U	0.041	0.16		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8082A	53469-21-9	Aroclor-1242	0.0013	mg/kg	U	0.041	0.22		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8082A	12672-29-6	Aroclor-1248	0.00079	mg/kg	U	0.041	0.22		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8082A	11097-69-1	Aroclor-1254	0.0013	mg/kg	U	0.029	0.029		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8082A	11096-82-5	Aroclor-1260	0.0037	mg/kg		0.041	0.23		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	91-57-6	2-Methylnaphthalene	0.016	mg/kg	U	23	23		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	83-32-9	Acenaphthene	0.0107	mg/kg	U	29	346		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	208-96-8	Acenaphthylene	0.0107	mg/kg	U	1.9	1.9		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	120-12-7	Anthracene	0.016	mg/kg	U	29	1728		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	56-55-3	Benzo(a)anthracene	0.0121	mg/kg	J	1.1	1.1		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	50-32-8	Benzo(a)pyrene	0.0167	mg/kg	J	0.11	0.11		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0178	mg/kg	J	1.1	1.1		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.0213	mg/kg	U	1.1	173		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0096	mg/kg	J	1.1	11		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.0373	mg/kg	J	0.02	37		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	85-68-7	Butyl benzylphthalate	0.032	mg/kg	U	90	278		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	86-74-8	Carbazole	0.0107	mg/kg	U	7.5	7.5		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	218-01-9	Chrysene	0.00817	mg/kg	J	1.1	106		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.016	mg/kg	U	0.1056	0.11		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	132-64-9	Dibenzofuran	0.016	mg/kg	U	6.1	7.5		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	84-74-2	Di-n-butylphthalate	0.032	mg/kg	U	0.011	605		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	206-44-0	Fluoranthene	0.0195	mg/kg	J	1.1	230		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	86-73-7	Fluorene	0.0107	mg/kg	U	29	230		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0149	mg/kg	J	1.1	1.1		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	91-20-3	Naphthalene	0.0213	mg/kg	U	1.9	1.9		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	85-01-8	Phenanthrene	0.00853	mg/kg	J	29	1728		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	108-95-2	Phenol	0.0213	mg/kg	U	0.79	1824		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	SW8270D	129-00-0	Pyrene	0.0171	mg/kg	J	1.1	173		
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0222	mg/kg					
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.1412	mg/kg		1.1			
DU-8	723380.608	7834595.36	8/26/2021	0 - 0	SO	N	SA-DU8-01	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.10273	mg/kg		29			
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	6010	7429-90-5	Aluminum	9680	mg/kg		50	7392		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	6010	7440-70-2	Calcium	5290	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	6010	7440-48-4	Cobalt	14.7	mg/kg		2.2	2.2		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	6010	7439-89-6	Iron	26600	mg/kg		5280	5280		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	6010	7439-95-4	Magnesium	6660	mg/kg					
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	6010	7440-02-0	Nickel	18	mg/kg		38	134		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	6010	7440-09-7	Potassium	726	mg/kg					
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	6010	7440-23-5	Sodium	105	mg/kg	U				
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	6010	7440-62-2	Vanadium	54.6	mg/kg		7.8	37		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	6020	7440-36-0	Antimony	0.317	mg/kg		0.27	3		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	6020	7440-38-2	Arsenic	4.1	mg/kg		0.43	0.43		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	6020	7440-39-3	Barium	89.5	mg/kg		330	1440		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	6020	7440-41-7	Beryllium	0.27	mg/kg		15	15		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	6020	7440-43-9	Cadmium	0.259	mg/kg	U	0.36	0.68		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	6020	7440-47-3	Chromium	18.6	mg/kg		0.29	0.29		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	6020	7440-50-8	Copper	42.4	mg/kg		28	298		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	6020	7439-92-1	Lead	152	mg/kg		11	192		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	6020	7439-96-5	Manganese	512	mg/kg		173	173		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	6020	7782-49-2	Selenium	0.282	mg/kg		0.52	37		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	6020	7440-22-4	Silver	0.122	mg/kg		4.2	37		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	6020	7440-28-0	Thallium	0.109	mg/kg	J	0.05	0.075		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	6020	7440-66-6	Zinc	89.1	mg/kg		46	2208		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	7471	7439-97-6	Mercury	0.0196	mg/kg	J	0.013	1.1		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8081A	72-54-8	4,4'-DDD	0.00231	mg/kg	U	0.021	2.2		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8081A	72-55-9	4,4'-DDE	0.00231	mg/kg	U	0.021	1.8		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8081A	50-29-3	4,4'-DDT	0.00495	mg/kg		0.021	1.8		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8081A	309-00-2	Aldrin	0.00116	mg/kg	U	0.000085	0.031		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8081A	319-84-6	alpha-BHC	0.00116	mg/kg	U	0.0096	0.083		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8081A	5103-71-9	alpha-Chlordane	0.00116	mg/kg	U	0.27	1.7		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8081A	319-85-7	beta-BHC	0.00209	mg/kg	U	0.0096	0.086		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8081A	319-86-8	delta-BHC	0.00116	mg/kg	U	0.0096	0.083		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8081A	60-57-1	Dieldrin	0.00231	mg/kg	U	0.0049	0.033		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8081A	959-98-8	Endosulfan I	0.00116	mg/kg	U	0.64	45		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8081A	33213-65-9	Endosulfan II	0.00231	mg/kg	U	0.64	45		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8081A	1031-07-8	Endosulfan sulfate	0.00231	mg/kg	U	0.64	36		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8081A	72-20-8	Endrin	0.00231	mg/kg	U	0.0014	1.8		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8081A	7421-93-4	Endrin aldehyde	0.00231	mg/kg	U	0.0014	1.8		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8081A	53494-70-5	Endrin ketone	0.00231	mg/kg	U	0.0014	1.8		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8081A	58-89-9	gamma-BHC (Lindane)	0.00116	mg/kg	U	0.0096	0.49		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8081A	5103-74-2	gamma-Chlordane	0.00116	mg/kg	U	0.27	1.7		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8081A	76-44-8	Heptachlor	0.00116	mg/kg	U	0.0016	0.11		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8081A	1024-57-3	Heptachlor epoxide	0.00116	mg/kg	U	0.00015	0.055		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8081A	72-43-5	Methoxychlor	0.0116	mg/kg	U	5.1	31		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8081A	8001-35-2	Toxaphene	0.116	mg/kg	U	0.47	0.47		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8082	12674-11-2	Aroclor-1016	0.0116	mg/kg	U	0.041	0.1		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8082	11104-28-2	Aroclor-1221	0.0116	mg/kg	U	0.041	0.19		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8082	11141-16-5	Aroclor-1232	0.0116	mg/kg	U	0.041	0.16		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8082	53469-21-9	Aroclor-1242	0.0116	mg/kg	U	0.041	0.22		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8082	12672-29-6	Aroclor-1248	0.0116	mg/kg	U	0.041	0.22		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8082	11097-69-1	Aroclor-1254	0.0116	mg/kg	U	0.029	0.029		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8082	11096-82-5	Aroclor-1260	0.00872	mg/kg	J	0.041	0.23		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00147	mg/kg	U	0.07	1.9		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	71-55-6	1,1,1-Trichloroethane	0.00147	mg/kg	U	260	778		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.00147	mg/kg	U	0.13	0.58		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	79-00-5	1,1,2-Trichloroethane	0.00147	mg/kg	U	0.14	0.14		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	75-34-3	1,1-Dichloroethane	0.00147	mg/kg	U	3.5	3.5		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	75-35-4	1,1-Dichloroethene	0.00147	mg/kg	U	11	22		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	563-58-6	1,1-Dichloropropene	0.00147	mg/kg	U	0.001	1.7		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00147	mg/kg	U	6	6		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	96-18-4	1,2,3-Trichloropropane	0.00147	mg/kg	U	0.0049	0.0049		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00147	mg/kg	U	0.27	5.6		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00147	mg/kg	U	0.09	29		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.00147	mg/kg	UJ	0.0051	0.0051		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00147	mg/kg	U	0.035	0.035		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	95-50-1	1,2-Dichlorobenzene	0.00147	mg/kg	U	0.92	173		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	107-06-2	1,2-Dichloroethane	0.00147	mg/kg	U	0.44	0.44		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	78-87-5	1,2-Dichloropropane	0.00147	mg/kg	U	0.28	1.5		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.0000787	mg/kg	J	0.16	26		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	541-73-1	1,3-Dichlorobenzene	0.00147	mg/kg	U	0.74	2.5		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	142-28-9	1,3-Dichloropropane	0.00147	mg/kg	U	0.28	154		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	106-46-7	1,4-Dichlorobenzene	0.00147	mg/kg	U	0.89	2.5		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	594-20-7	2,2-Dichloropropane	0.00147	mg/kg	U	0.28	1.5		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	95-49-8	2-Chlorotoluene	0.00147	mg/kg	U	154	154		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	591-78-6	2-Hexanone	0.00735	mg/kg	U	0.36	19		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	106-43-4	4-Chlorotoluene	0.00147	mg/kg	U	154	154		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	67-64-1	Acetone	0.0954	mg/kg	U	1.2	6720		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	71-43-2	Benzene	0.00147	mg/kg	U	1.2	1.2		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	108-86-1	Bromobenzene	0.00147	mg/kg	U	28	28		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	74-97-5	Bromochloromethane	0.00147	mg/kg	U	3.4	3.4		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	75-27-4	Bromodichloromethane	0.00147	mg/kg	U	0.28	0.28		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	75-25-2	Bromoform	0.00147	mg/kg	UJ	0.07	18		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	74-83-9	Bromomethane	0.00147	mg/kg	U	0.002	0.65		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	75-15-0	Carbon disulfide	0.00147	mg/kg	U	0.81	74		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	56-23-5	Carbon tetrachloride	0.00147	mg/kg	U	0.62	0.62		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	108-90-7	Chlorobenzene	0.00147	mg/kg	U	2.4	27		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	75-00-3	Chloroethane	0.00147	mg/kg	U	518	518		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	67-66-3	Chloroform	0.00147	mg/kg	U	0.31	0.31		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	74-87-3	Chloromethane	0.00147	mg/kg	U	11	11		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.00147	mg/kg	U	6	6		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.00147	mg/kg	U	0.001	1.7		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	124-48-1	Dibromochloromethane	0.00147	mg/kg	U	3.7	3.7		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	74-95-3	Dibromomethane	0.00147	mg/kg	U	2.304	2.3		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	75-71-8	Dichlorodifluoromethane	0.00147	mg/kg	U	8.4	8.4		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	100-41-4	Ethylbenzene	0.00147	mg/kg	U	0.27	5.6		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	87-68-3	Hexachlorobutadiene	0.00147	mg/kg	U	0.009	1.2		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	98-82-8	Isopropylbenzene	0.00147	mg/kg	U	0.04	182		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	179601-23-1	m,p-Xylene	0.00294	mg/kg	U	1.4	53		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	78-93-3	MEK (2-Butanone)	0.0178	mg/kg	U	350	2592		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	75-09-2	Methylene chloride	0.00147	mg/kg	U	2.6	34		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00735	mg/kg	U	9.7	3168		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	91-20-3	Naphthalene	0.00147	mg/kg	U	1.9	1.9		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	104-51-8	n-Butylbenzene	0.00147	mg/kg	U	374	374		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	103-65-1	n-Propylbenzene	0.00147	mg/kg	U	365	365		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	95-47-6	o-Xylene	0.00147	mg/kg	U	1.4	61		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	99-87-6	p-Cymene	0.00147	mg/kg	U	0.18	182		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	135-98-8	sec-Butylbenzene	0.00147	mg/kg	U	749	749		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	100-42-5	Styrene	0.00147	mg/kg	U	1.2	576		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	98-06-6	tert-Butylbenzene	0.00147	mg/kg	U	749	749		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	127-18-4	Tetrachloroethene	0.00147	mg/kg	U	0.18	7.8		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	108-88-3	Toluene	0.00147	mg/kg	U	23	470		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.00147	mg/kg	U	6.7	6.7		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.00147	mg/kg	U	0.001	1.7		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	79-01-6	Trichloroethene	0.000133	mg/kg	J	0.39	0.39		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	75-69-4	Trichlorofluoromethane	0.00147	mg/kg	U	52	2208		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	108-05-4	Vinyl acetate	0.00735	mg/kg	U	87	87		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8260B	75-01-4	Vinyl chloride	0.00147	mg/kg	U	0.057	0.057		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.00581	mg/kg	U	4	605		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.00581	mg/kg	U	6	6		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	120-83-2	2,4-Dichlorophenol	0.00581	mg/kg	U	0.05	18		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	105-67-9	2,4-Dimethylphenol	0.00233	mg/kg	UJ	0.04	125		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	51-28-5	2,4-Dinitrophenol	0.0581	mg/kg	U	0.061	12		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	121-14-2	2,4-Dinitrotoluene	0.0116	mg/kg	U	1.6	1.6		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00581	mg/kg	U	0.3456	0.35		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	91-58-7	2-Chloronaphthalene	0.00233	mg/kg	U	461	461		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	95-57-8	2-Chlorophenol	0.00581	mg/kg	U	0.39	37		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	91-57-6	2-Methylnaphthalene	0.00233	mg/kg	U	23	23		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	95-48-7	2-Methylphenol	0.00581	mg/kg	U	0.67	307		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	88-74-4	2-Nitroaniline	0.00233	mg/kg	U	5.3	60		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	88-75-5	2-Nitrophenol	0.00581	mg/kg	U	5.1	1824		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.0233	mg/kg	U	0.03	1.2		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	99-09-2	3-Nitroaniline	0.0116	mg/kg	U	0.02	60		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.0116	mg/kg	U	0.49	0.49		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0116	mg/kg	U				
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.00581	mg/kg	U	605	605		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	106-47-8	4-Chloroaniline	0.0116	mg/kg	U	1	2.6		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.0116	mg/kg	U				
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	100-01-6	4-Nitroaniline	0.0233	mg/kg	U	0.02	24		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	100-02-7	4-Nitrophenol	0.0581	mg/kg	U	5.1	1824		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	83-32-9	Acenaphthene	0.00748	mg/kg		29	346		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	208-96-8	Acenaphthylene	0.00233	mg/kg	U	1.9	1.9		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	62-53-3	Aniline	0.0116	mg/kg	U	42	42		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	120-12-7	Anthracene	0.0147	mg/kg		29	1728		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	92-87-5	Benzidine	0.0116	mg/kg	U	0.00051	0.00051		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	56-55-3	Benzo(a)anthracene	0.156	mg/kg	J	1.1	1.1		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	50-32-8	Benzo(a)pyrene	0.128	mg/kg		0.11	0.11		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.0896	mg/kg	J	1.1	173		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.252	mg/kg					
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	65-85-0	Benzoic acid	0.115	mg/kg	J	1	24000		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	100-51-6	Benzyl alcohol	0.00581	mg/kg	U	120	605		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0116	mg/kg	UJ	18	18		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0116	mg/kg	U	0.22	0.22		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.889	mg/kg		0.02	37		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0291	mg/kg	U	298	298		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	85-68-7	Butyl benzylphthalate	0.0233	mg/kg	U	90	278		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	86-74-8	Carbazole	0.0116	mg/kg	U	7.5	7.5		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	218-01-9	Chrysene	0.199	mg/kg		1.1	106		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.0342	mg/kg	J	0.1056	0.11		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	132-64-9	Dibenzofuran	0.00581	mg/kg	U	6.1	7.5		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	84-66-2	Diethyl phthalate	0.0116	mg/kg	U	100	4896		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	131-11-3	Dimethyl phthalate	0.0116	mg/kg	U	10	37		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	84-74-2	Di-n-butylphthalate	0.0325	mg/kg	UJ	0.011	605		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	117-84-0	Di-n-octylphthalate	0.0233	mg/kg	U	0.91	60		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	206-44-0	Fluoranthene	0.175	mg/kg		1.1	230		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	86-73-7	Fluorene	0.00887	mg/kg		29	230		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	118-74-1	Hexachlorobenzene	0.00233	mg/kg	U	0.075	0.075		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.00581	mg/kg	U	0.001	0.17		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	67-72-1	Hexachloroethane	0.00581	mg/kg	U	0.024	1.7		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0773	mg/kg	J	1.1	1.1		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	78-59-1	Isophorone	0.0116	mg/kg	U	547	547		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	98-95-3	Nitrobenzene	0.0116	mg/kg	U	2.2	4.9		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	62-75-9	N-Nitrosodimethylamine	0.0116	mg/kg	U	0.0019	0.0019		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00581	mg/kg	U	0.075	0.075		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.00233	mg/kg	U	0.55	106		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	87-86-5	Pentachlorophenol	0.0116	mg/kg	U	0.96	1		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	85-01-8	Phenanthrene	0.0852	mg/kg	J	29	1728		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	108-95-2	Phenol	0.00581	mg/kg	U	0.79	1824		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	8270C	129-00-0	Pyrene	0.232	mg/kg	J	1.1	173		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	NWTPH-Dx	TPH-D	Diesel Range Organics	15.5	mg/kg	J	260	1100		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	NWTPH-Dx	MOIL	Residual Range Organics	132	mg/kg		260	2800		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.76	mg/kg	U	120	1200		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.00232	mg/kg	U	1.8	1.8		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.00626	mg/kg	J	2.2	2.2		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.00232	mg/kg	U	2.2	2.2		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	FD	041122SGA15SS	PSEP Butyltins	688-73-3	Tributyltin	0.0031	mg/kg	U	2.2	2.2		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	6010	7429-90-5	Aluminum	13100	mg/kg		50	7392		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	6010	7440-70-2	Calcium	7200	mg/kg					
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	6010	7440-48-4	Cobalt	17	mg/kg		2.2	2.2		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	6010	7439-89-6	Iron	30300	mg/kg		5280	5280		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	6010	7439-95-4	Magnesium	9040	mg/kg					
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	6010	7440-02-0	Nickel	22.3	mg/kg		38	134		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	6010	7440-09-7	Potassium	847	mg/kg					
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	6010	7440-23-5	Sodium	12.1	mg/kg	U				
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	6010	7440-62-2	Vanadium	63.2	mg/kg		7.8	37		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	6020	7440-36-0	Antimony	0.314	mg/kg		0.27	3		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	6020	7440-38-2	Arsenic	4.78	mg/kg		0.43	0.43		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	6020	7440-39-3	Barium	111	mg/kg		330	1440		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	6020	7440-41-7	Beryllium	0.337	mg/kg		15	15		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	6020	7440-43-9	Cadmium	0.0127	mg/kg	U	0.36	0.68		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	6020	7440-47-3	Chromium	20	mg/kg		0.29	0.29		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	6020	7440-50-8	Copper	52.7	mg/kg		28	298		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	6020	7439-92-1	Lead	103	mg/kg		11	192		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	6020	7439-96-5	Manganese	596	mg/kg		173	173		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	6020	7782-49-2	Selenium	0.262	mg/kg		0.52	37		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	6020	7440-22-4	Silver	0.124	mg/kg		4.2	37		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	6020	7440-28-0	Thallium	0.123	mg/kg	J	0.05	0.075		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	6020	7440-66-6	Zinc	86.8	mg/kg		46	2208		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	7471	7439-97-6	Mercury	0.0102	mg/kg	J	0.013	1.1		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8081A	72-54-8	4,4'-DDD	0.000239	mg/kg	U	0.021	2.2		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8081A	72-55-9	4,4'-DDE	0.000234	mg/kg	U	0.021	1.8		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8081A	50-29-3	4,4'-DDT	0.00558	mg/kg		0.021	1.8		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8081A	309-00-2	Aldrin	0.00012	mg/kg	U	0.000085	0.031		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8081A	319-84-6	alpha-BHC	0.000117	mg/kg	U	0.0096	0.083		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8081A	5103-71-9	alpha-Chlordane	0.000126	mg/kg	U	0.27	1.7		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8081A	319-85-7	beta-BHC	0.00303	mg/kg	U	0.0096	0.086		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8081A	319-86-8	delta-BHC	0.000117	mg/kg	U	0.0096	0.083		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8081A	60-57-1	Dieldrin	0.000284	mg/kg	U	0.0049	0.033		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8081A	959-98-8	Endosulfan I	0.000131	mg/kg	U	0.64	45		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8081A	33213-65-9	Endosulfan II	0.000298	mg/kg	U	0.64	45		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8081A	1031-07-8	Endosulfan sulfate	0.000559	mg/kg	U	0.64	36		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8081A	72-20-8	Endrin	0.000146	mg/kg	U	0.0014	1.8		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8081A	7421-93-4	Endrin aldehyde	0.000678	mg/kg	U	0.0014	1.8		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8081A	53494-70-5	Endrin ketone	0.000131	mg/kg	U	0.0014	1.8		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8081A	58-89-9	gamma-BHC (Lindane)	0.00014	mg/kg	U	0.0096	0.49		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8081A	5103-74-2	gamma-Chlordane	0.000141	mg/kg	U	0.27	1.7		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8081A	76-44-8	Heptachlor	0.000117	mg/kg	U	0.0016	0.11		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8081A	1024-57-3	Heptachlor epoxide	0.00016	mg/kg	U	0.00015	0.055		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8081A	72-43-5	Methoxychlor	0.000168	mg/kg	U	5.1	31		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8081A	8001-35-2	Toxaphene	0.0117	mg/kg	U	0.47	0.47		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8082	12674-11-2	Aroclor-1016	0.00345	mg/kg	U	0.041	0.1		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8082	11104-28-2	Aroclor-1221	0.00345	mg/kg	U	0.041	0.19		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8082	11141-16-5	Aroclor-1232	0.00345	mg/kg	U	0.041	0.16		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8082	53469-21-9	Aroclor-1242	0.00345	mg/kg	U	0.041	0.22		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8082	12672-29-6	Aroclor-1248	0.00345	mg/kg	U	0.041	0.22		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8082	11097-69-1	Aroclor-1254	0.00189	mg/kg	U	0.029	0.029		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8082	11096-82-5	Aroclor-1260	0.00836	mg/kg	J	0.041	0.23		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0000579	mg/kg	U	0.07	1.9		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	71-55-6	1,1,1-Trichloroethane	0.000085	mg/kg	U	260	778		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.0000833	mg/kg	U	0.13	0.58		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	79-00-5	1,1,2-Trichloroethane	0.000118	mg/kg	U	0.14	0.14		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	75-34-3	1,1-Dichloroethane	0.0000747	mg/kg	U	3.5	3.5		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	75-35-4	1,1-Dichloroethene	0.000577	mg/kg	U	11	22		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	563-58-6	1,1-Dichloropropene	0.00118	mg/kg	U	0.001	1.7		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.000141	mg/kg	U	6	6		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	96-18-4	1,2,3-Trichloropropane	0.0000989	mg/kg	U	0.0049	0.0049		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.000144	mg/kg	U	0.27	5.6		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.000523	mg/kg	J	0.09	29		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.000176	mg/kg	UJ	0.0051	0.0051		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0000752	mg/kg	U	0.035	0.035		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	95-50-1	1,2-Dichlorobenzene	0.0000752	mg/kg	U	0.92	173		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	107-06-2	1,2-Dichloroethane	0.000115	mg/kg	U	0.44	0.44		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	78-87-5	1,2-Dichloropropane	0.0000559	mg/kg	U	0.28	1.5		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000107	mg/kg	J	0.16	26		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	541-73-1	1,3-Dichlorobenzene	0.0000511	mg/kg	U	0.74	2.5		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	142-28-9	1,3-Dichloropropane	0.0000793	mg/kg	U	0.28	154		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	106-46-7	1,4-Dichlorobenzene	0.0000721	mg/kg	U	0.89	2.5		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	594-20-7	2,2-Dichloropropane	0.0000998	mg/kg	U	0.28	1.5		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	95-49-8	2-Chlorotoluene	0.0000641	mg/kg	U	154	154		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	591-78-6	2-Hexanone	0.00161	mg/kg	U	0.36	19		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	106-43-4	4-Chlorotoluene	0.000123	mg/kg	U	154	154		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	67-64-1	Acetone	0.188	mg/kg	U	1.2	6720		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	71-43-2	Benzene	0.00148	mg/kg	U	1.2	1.2		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	108-86-1	Bromobenzene	0.0000588	mg/kg	U	28	28		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	74-97-5	Bromochloromethane	0.0000678	mg/kg	U	3.4	3.4		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	75-27-4	Bromodichloromethane	0.0000915	mg/kg	U	0.28	0.28		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	75-25-2	Bromoform	0.0000916	mg/kg	UJ	0.07	18		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	74-83-9	Bromomethane	0.00052	mg/kg	U	0.002	0.65		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	75-15-0	Carbon disulfide	0.000409	mg/kg	U	0.81	74		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	56-23-5	Carbon tetrachloride	0.000125	mg/kg	U	0.62	0.62		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	108-90-7	Chlorobenzene	0.0000657	mg/kg	U	2.4	27		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	75-00-3	Chloroethane	0.000848	mg/kg	U	518	518		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	67-66-3	Chloroform	0.0000787	mg/kg	U	0.31	0.31		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	74-87-3	Chloromethane	0.000518	mg/kg	U	11	11		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.000133	mg/kg	U	6	6		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000054	mg/kg	U	0.001	1.7		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	124-48-1	Dibromochloromethane	0.0000955	mg/kg	U	3.7	3.7		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	74-95-3	Dibromomethane	0.0000959	mg/kg	U	2.304	2.3		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	75-71-8	Dichlorodifluoromethane	0.0000605	mg/kg	U	8.4	8.4		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	100-41-4	Ethylbenzene	0.00148	mg/kg	U	0.27	5.6		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	87-68-3	Hexachlorobutadiene	0.0000867	mg/kg	U	0.009	1.2		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	98-82-8	Isopropylbenzene	0.0000552	mg/kg	U	0.04	182		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	179601-23-1	m,p-Xylene	0.00296	mg/kg	U	1.4	53		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	78-93-3	MEK (2-Butanone)	0.0178	mg/kg	U	350	2592		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	75-09-2	Methylene chloride	0.00778	mg/kg	U	2.6	34		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.000938	mg/kg	U	9.7	3168		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	104-51-8	n-Butylbenzene	0.000137	mg/kg	U	374	374		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	103-65-1	n-Propylbenzene	0.0000694	mg/kg	U	365	365		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	95-47-6	o-Xylene	0.00148	mg/kg	U	1.4	61		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	99-87-6	p-Cymene	0.0000833	mg/kg	J	0.18	182		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	135-98-8	sec-Butylbenzene	0.0000577	mg/kg	U	749	749		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	100-42-5	Styrene	0.00148	mg/kg	U	1.2	576		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	98-06-6	tert-Butylbenzene	0.0000357	mg/kg	U	749	749		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	127-18-4	Tetrachloroethene	0.000162	mg/kg	J	0.18	7.8		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	108-88-3	Toluene	0.00148	mg/kg	U	23	470		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.00037	mg/kg	U	6.7	6.7		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0000671	mg/kg	U	0.001	1.7		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	79-01-6	Trichloroethene	0.000209	mg/kg	J	0.39	0.39		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	75-69-4	Trichlorofluoromethane	0.000518	mg/kg	U	52	2208		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	108-05-4	Vinyl acetate	0.00149	mg/kg	U	87	87		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8260B	75-01-4	Vinyl chloride	0.000275	mg/kg	U	0.057	0.057		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.000919	mg/kg	U	4	605		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.000937	mg/kg	U	6	6		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	120-83-2	2,4-Dichlorophenol	0.00105	mg/kg	U	0.05	18		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	105-67-9	2,4-Dimethylphenol	0.000906	mg/kg	UJ	0.04	125		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	51-28-5	2,4-Dinitrophenol	0.00828	mg/kg	U	0.061	12		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00201	mg/kg	U	1.6	1.6		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00127	mg/kg	U	0.3456	0.35		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	91-58-7	2-Chloronaphthalene	0.0008	mg/kg	U	461	461		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	95-57-8	2-Chlorophenol	0.000797	mg/kg	U	0.39	37		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	91-57-6	2-Methylnaphthalene	0.00484	mg/kg	J	23	23		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	95-48-7	2-Methylphenol	0.00112	mg/kg	U	0.67	307		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	88-74-4	2-Nitroaniline	0.000643	mg/kg	U	5.3	60		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	88-75-5	2-Nitrophenol	0.00135	mg/kg	U	5.1	1824		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00514	mg/kg	U	0.03	1.2		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	99-09-2	3-Nitroaniline	0.00347	mg/kg	U	0.02	60		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00213	mg/kg	U	0.49	0.49		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00218	mg/kg	U				
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.00106	mg/kg	U	605	605		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	106-47-8	4-Chloroaniline	0.0011	mg/kg	U	1	2.6		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00255	mg/kg	U				
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	106-44-5	4-Methylphenol	0.0014	mg/kg	U	0.08	125		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	100-01-6	4-Nitroaniline	0.00486	mg/kg	U	0.02	24		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	100-02-7	4-Nitrophenol	0.0097	mg/kg	U	5.1	1824		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	83-32-9	Acenaphthene	0.0144	mg/kg		29	346		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	208-96-8	Acenaphthylene	0.00433	mg/kg		1.9	1.9		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	62-53-3	Aniline	0.00218	mg/kg	U	42	42		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	120-12-7	Anthracene	0.00045	mg/kg	U	29	1728		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	92-87-5	Benzidine	0.00334	mg/kg	U	0.00051	0.00051		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	56-55-3	Benzo(a)anthracene	0.21	mg/kg	J	1.1	1.1		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	50-32-8	Benzo(a)pyrene	0.191	mg/kg		0.11	0.11		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.0995	mg/kg	J	1.1	173		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.327	mg/kg					
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	65-85-0	Benzoic acid	0.101	mg/kg	J	1	24000		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	100-51-6	Benzyl alcohol	0.00236	mg/kg	U	120	605		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00227	mg/kg	UJ	18	18		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00186	mg/kg	U	0.22	0.22		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	1.18	mg/kg		0.02	37		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.00947	mg/kg	U	298	298		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	85-68-7	Butyl benzylphthalate	0.0397	mg/kg	J	90	278		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	86-74-8	Carbazole	0.0194	mg/kg		7.5	7.5		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	218-01-9	Chrysene	0.25	mg/kg		1.1	106		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.000736	mg/kg	U	0.1056	0.11		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	132-64-9	Dibenzofuran	0.00248	mg/kg	J	6.1	7.5		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	84-66-2	Diethyl phthalate	0.00428	mg/kg	U	100	4896		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	131-11-3	Dimethyl phthalate	0.00232	mg/kg	U	10	37		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	84-74-2	Di-n-butylphthalate	0.00216	mg/kg	UJ	0.011	605		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	117-84-0	Di-n-octylphthalate	0.127	mg/kg		0.91	60		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	206-44-0	Fluoranthene	0.261	mg/kg		1.1	230		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	86-73-7	Fluorene	0.00819	mg/kg		29	230		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	118-74-1	Hexachlorobenzene	0.000627	mg/kg	U	0.075	0.075		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.000939	mg/kg	U	0.001	0.17		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	67-72-1	Hexachloroethane	0.002	mg/kg	U	0.024	1.7		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0899	mg/kg	J	1.1	1.1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	78-59-1	Isophorone	0.000597	mg/kg	U	547	547		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	91-20-3	Naphthalene	0.00411	mg/kg		1.9	1.9		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	98-95-3	Nitrobenzene	0.00357	mg/kg	U	2.2	4.9		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00361	mg/kg	U	0.0019	0.0019		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00159	mg/kg	U	0.075	0.075		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.000678	mg/kg	U	0.55	106		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	87-86-5	Pentachlorophenol	0.0023	mg/kg	U	0.96	1		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	85-01-8	Phenanthrene	0.146	mg/kg	J	29	1728		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	108-95-2	Phenol	0.000856	mg/kg	U	0.79	1824		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	8270C	129-00-0	Pyrene	0.501	mg/kg	J	1.1	173		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.22149	mg/kg					
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	1.364	mg/kg		1.1			
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.158	mg/kg		29			
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	NWTPH-Dx	TPH-D	Diesel Range Organics	33.9	mg/kg		260	1100		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	NWTPH-Dx	MOIL	Residual Range Organics	300	mg/kg		260	2800		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.68	mg/kg	U	120	1200		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.000831	mg/kg	U	1.8	1.8		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.000592	mg/kg	U	2.2	2.2		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000853	mg/kg	U	2.2	2.2		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	PSEP Butyltins	688-73-3	Tributyltin	0.00105	mg/kg	U	2.2	2.2		
HA1	723643.86	7833985.271	11/22/2004	0.5 - 0.5	SO	N	041122SGA14SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0104	mg/kg		0.0073	0.23		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	6010	7429-90-5	Aluminum	3770	mg/kg		50	7392		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	6010	7440-70-2	Calcium	3740	mg/kg					
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	6010	7440-48-4	Cobalt	11	mg/kg		2.2	2.2		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	6010	7439-89-6	Iron	19400	mg/kg		5280	5280		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	6010	7439-95-4	Magnesium	2600	mg/kg					
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	6010	7440-02-0	Nickel	5.35	mg/kg		38	134		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	6010	7440-09-7	Potassium	360	mg/kg					
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	6010	7440-23-5	Sodium	12.1	mg/kg	U				
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	6010	7440-62-2	Vanadium	52.7	mg/kg		7.8	37		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	6020	7440-36-0	Antimony	0.0895	mg/kg	J	0.27	3		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	6020	7440-38-2	Arsenic	0.613	mg/kg		0.43	0.43		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	6020	7440-39-3	Barium	49.2	mg/kg		330	1440		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	6020	7440-41-7	Beryllium	0.131	mg/kg	J	15	15		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	6020	7440-43-9	Cadmium	0.0127	mg/kg	U	0.36	0.68		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	6020	7440-47-3	Chromium	5.27	mg/kg		0.29	0.29		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	6020	7440-50-8	Copper	16.7	mg/kg		28	298		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	6020	7439-92-1	Lead	9.71	mg/kg		11	192		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	6020	7439-96-5	Manganese	301	mg/kg		173	173		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	6020	7782-49-2	Selenium	0.255	mg/kg	J	0.52	37		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	6020	7440-22-4	Silver	0.087	mg/kg		4.2	37		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	6020	7440-28-0	Thallium	0.0463	mg/kg	J	0.05	0.075		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	6020	7440-66-6	Zinc	31.1	mg/kg		46	2208		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	7471	7439-97-6	Mercury	0.0268	mg/kg		0.013	1.1		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8081A	72-54-8	4,4'-DDD	0.0002	mg/kg	U	0.021	2.2		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8081A	72-55-9	4,4'-DDE	0.000196	mg/kg	U	0.021	1.8		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8081A	50-29-3	4,4'-DDT	0.00023	mg/kg	U	0.021	1.8		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8081A	309-00-2	Aldrin	0.000101	mg/kg	U	0.000085	0.031		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8081A	319-84-6	alpha-BHC	0.0000981	mg/kg	U	0.0096	0.083		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8081A	5103-71-9	alpha-Chlordane	0.000106	mg/kg	U	0.27	1.7		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8081A	319-85-7	beta-BHC	0.000109	mg/kg	U	0.0096	0.086		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8081A	319-86-8	delta-BHC	0.0000981	mg/kg	U	0.0096	0.083		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8081A	60-57-1	Dieldrin	0.000238	mg/kg	U	0.0049	0.033		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8081A	959-98-8	Endosulfan I	0.00011	mg/kg	U	0.64	45		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8081A	33213-65-9	Endosulfan II	0.00025	mg/kg	U	0.64	45		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8081A	1031-07-8	Endosulfan sulfate	0.000469	mg/kg	U	0.64	36		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8081A	72-20-8	Endrin	0.000123	mg/kg	U	0.0014	1.8		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8081A	7421-93-4	Endrin aldehyde	0.000569	mg/kg	U	0.0014	1.8		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8081A	53494-70-5	Endrin ketone	0.00011	mg/kg	U	0.0014	1.8		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8081A	58-89-9	gamma-BHC (Lindane)	0.000118	mg/kg	U	0.0096	0.49		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8081A	5103-74-2	gamma-Chlordane	0.000119	mg/kg	U	0.27	1.7		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8081A	76-44-8	Heptachlor	0.0000981	mg/kg	U	0.0016	0.11		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8081A	1024-57-3	Heptachlor epoxide	0.000134	mg/kg	U	0.00015	0.055		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8081A	72-43-5	Methoxychlor	0.000141	mg/kg	U	5.1	31		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8081A	8001-35-2	Toxaphene	0.00981	mg/kg	U	0.47	0.47		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8082	12674-11-2	Aroclor-1016	0.0029	mg/kg	U	0.041	0.1		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8082	11104-28-2	Aroclor-1221	0.0029	mg/kg	U	0.041	0.19		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8082	11141-16-5	Aroclor-1232	0.0029	mg/kg	U	0.041	0.16		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8082	53469-21-9	Aroclor-1242	0.0029	mg/kg	U	0.041	0.22		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8082	12672-29-6	Aroclor-1248	0.0029	mg/kg	U	0.041	0.22		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8082	11097-69-1	Aroclor-1254	0.00159	mg/kg	U	0.029	0.029		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8082	11096-82-5	Aroclor-1260	0.00159	mg/kg	U	0.041	0.23		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0000536	mg/kg	U	0.07	1.9		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	71-55-6	1,1,1-Trichloroethane	0.0000787	mg/kg	U	260	778		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.0000771	mg/kg	U	0.13	0.58		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	79-00-5	1,1,2-Trichloroethane	0.000109	mg/kg	U	0.14	0.14		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	75-34-3	1,1-Dichloroethane	0.0000692	mg/kg	U	3.5	3.5		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	75-35-4	1,1-Dichloroethene	0.000534	mg/kg	U	11	22		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	563-58-6	1,1-Dichloropropene	0.00109	mg/kg	U	0.001	1.7		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00013	mg/kg	U	6	6		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	96-18-4	1,2,3-Trichloropropane	0.0000915	mg/kg	U	0.0049	0.0049		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.000133	mg/kg	U	0.27	5.6		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.0000578	mg/kg	U	0.09	29		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.000163	mg/kg	UJ	0.0051	0.0051		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0000696	mg/kg	U	0.035	0.035		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	95-50-1	1,2-Dichlorobenzene	0.0000696	mg/kg	U	0.92	173		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	107-06-2	1,2-Dichloroethane	0.000106	mg/kg	U	0.44	0.44		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	78-87-5	1,2-Dichloropropane	0.0000518	mg/kg	U	0.28	1.5		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.0000522	mg/kg	U	0.16	26		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	541-73-1	1,3-Dichlorobenzene	0.0000473	mg/kg	U	0.74	2.5		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	142-28-9	1,3-Dichloropropane	0.0000734	mg/kg	U	0.28	154		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	106-46-7	1,4-Dichlorobenzene	0.0000667	mg/kg	U	0.89	2.5		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	594-20-7	2,2-Dichloropropane	0.0000924	mg/kg	U	0.28	1.5		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	95-49-8	2-Chlorotoluene	0.0000593	mg/kg	U	154	154		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	591-78-6	2-Hexanone	0.00149	mg/kg	U	0.36	19		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	106-43-4	4-Chlorotoluene	0.000113	mg/kg	U	154	154		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	67-64-1	Acetone	0.144	mg/kg	U	1.2	6720		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	71-43-2	Benzene	0.00137	mg/kg	U	1.2	1.2		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	108-86-1	Bromobenzene	0.0000544	mg/kg	U	28	28		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	74-97-5	Bromochloromethane	0.0000628	mg/kg	U	3.4	3.4		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	75-27-4	Bromodichloromethane	0.0000847	mg/kg	U	0.28	0.28		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	75-25-2	Bromoform	0.0000848	mg/kg	UJ	0.07	18		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	74-83-9	Bromomethane	0.000481	mg/kg	U	0.002	0.65		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	75-15-0	Carbon disulfide	0.000378	mg/kg	U	0.81	74		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	56-23-5	Carbon tetrachloride	0.000115	mg/kg	U	0.62	0.62		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	108-90-7	Chlorobenzene	0.0000608	mg/kg	U	2.4	27		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	75-00-3	Chloroethane	0.000785	mg/kg	U	518	518		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	67-66-3	Chloroform	0.0000729	mg/kg	U	0.31	0.31		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	74-87-3	Chloromethane	0.00048	mg/kg	U	11	11		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.000123	mg/kg	U	6	6		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.00005	mg/kg	U	0.001	1.7		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	124-48-1	Dibromochloromethane	0.0000884	mg/kg	U	3.7	3.7		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	74-95-3	Dibromomethane	0.0000888	mg/kg	U	2.304	2.3		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	75-71-8	Dichlorodifluoromethane	0.000056	mg/kg	U	8.4	8.4		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	100-41-4	Ethylbenzene	0.00137	mg/kg	U	0.27	5.6		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	87-68-3	Hexachlorobutadiene	0.0000803	mg/kg	U	0.009	1.2		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	98-82-8	Isopropylbenzene	0.0000511	mg/kg	U	0.04	182		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	179601-23-1	m,p-Xylene	0.00274	mg/kg	U	1.4	53		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	78-93-3	MEK (2-Butanone)	0.0107	mg/kg	U	350	2592		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	75-09-2	Methylene chloride	0.00435	mg/kg	U	2.6	34		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.000869	mg/kg	U	9.7	3168		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	91-20-3	Naphthalene	0.000565	mg/kg	U	1.9	1.9		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	104-51-8	n-Butylbenzene	0.000127	mg/kg	U	374	374		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	103-65-1	n-Propylbenzene	0.0000643	mg/kg	U	365	365		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	95-47-6	o-Xylene	0.0000411	mg/kg	U	1.4	61		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	99-87-6	p-Cymene	0.0000766	mg/kg	U	0.18	182		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	135-98-8	sec-Butylbenzene	0.0000534	mg/kg	U	749	749		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	100-42-5	Styrene	0.00137	mg/kg	U	1.2	576		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	98-06-6	tert-Butylbenzene	0.000033	mg/kg	U	749	749		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	127-18-4	Tetrachloroethene	0.000138	mg/kg	U	0.18	7.8		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	108-88-3	Toluene	0.00137	mg/kg	U	23	470		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.000343	mg/kg	U	6.7	6.7		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0000621	mg/kg	U	0.001	1.7		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	79-01-6	Trichloroethene	0.000044	mg/kg	U	0.39	0.39		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	75-69-4	Trichlorofluoromethane	0.00048	mg/kg	U	52	2208		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	108-05-4	Vinyl acetate	0.00138	mg/kg	U	87	87		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8260B	75-01-4	Vinyl chloride	0.000255	mg/kg	U	0.057	0.057		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.000804	mg/kg	U	4	605		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.000819	mg/kg	U	6	6		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	120-83-2	2,4-Dichlorophenol	0.000919	mg/kg	U	0.05	18		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	105-67-9	2,4-Dimethylphenol	0.000793	mg/kg	UJ	0.04	125		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	51-28-5	2,4-Dinitrophenol	0.00724	mg/kg	U	0.061	12		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00176	mg/kg	U	1.6	1.6		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00111	mg/kg	U	0.3456	0.35		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	91-58-7	2-Chloronaphthalene	0.000699	mg/kg	U	461	461		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	95-57-8	2-Chlorophenol	0.000697	mg/kg	U	0.39	37		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	91-57-6	2-Methylnaphthalene	0.000539	mg/kg	U	23	23		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	95-48-7	2-Methylphenol	0.000978	mg/kg	U	0.67	307		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	88-74-4	2-Nitroaniline	0.000563	mg/kg	U	5.3	60		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	88-75-5	2-Nitrophenol	0.00118	mg/kg	U	5.1	1824		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.0045	mg/kg	U	0.03	1.2		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	99-09-2	3-Nitroaniline	0.00304	mg/kg	U	0.02	60		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00186	mg/kg	U	0.49	0.49		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00191	mg/kg	U				
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.000925	mg/kg	U	605	605		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	106-47-8	4-Chloroaniline	0.000963	mg/kg	U	1	2.6		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00223	mg/kg	U				
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	106-44-5	4-Methylphenol	0.00122	mg/kg	U	0.08	125		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	100-01-6	4-Nitroaniline	0.00425	mg/kg	U	0.02	24		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	100-02-7	4-Nitrophenol	0.00848	mg/kg	U	5.1	1824		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	83-32-9	Acenaphthene	0.000531	mg/kg	U	29	346		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	208-96-8	Acenaphthylene	0.00061	mg/kg	U	1.9	1.9		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	62-53-3	Aniline	0.00191	mg/kg	U	42	42		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	120-12-7	Anthracene	0.000394	mg/kg	U	29	1728		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	92-87-5	Benzidine	0.00292	mg/kg	U	0.00051	0.00051		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	56-55-3	Benzo(a)anthracene	0.00105	mg/kg	U	1.1	1.1		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	50-32-8	Benzo(a)pyrene	0.000656	mg/kg	U	0.11	0.11		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.000498	mg/kg	U	1.1	173		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.000939	mg/kg	U				
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	65-85-0	Benzoic acid	0.0166	mg/kg	U	1	24000		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	100-51-6	Benzyl alcohol	0.00206	mg/kg	U	120	605		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00199	mg/kg	UJ	18	18		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00163	mg/kg	U	0.22	0.22		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.0019	mg/kg	U	0.02	37		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.00828	mg/kg	U	298	298		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	85-68-7	Butyl benzylphthalate	0.00222	mg/kg	U	90	278		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	86-74-8	Carbazole	0.00206	mg/kg	U	7.5	7.5		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	218-01-9	Chrysene	0.000741	mg/kg	U	1.1	106		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.000643	mg/kg	U	0.1056	0.11		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	132-64-9	Dibenzofuran	0.000479	mg/kg	U	6.1	7.5		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	84-66-2	Diethyl phthalate	0.00374	mg/kg	U	100	4896		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	131-11-3	Dimethyl phthalate	0.00203	mg/kg	U	10	37		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	84-74-2	Di-n-butylphthalate	0.00189	mg/kg	UJ	0.011	605		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	117-84-0	Di-n-octylphthalate	0.00191	mg/kg	U	0.91	60		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	206-44-0	Fluoranthene	0.00105	mg/kg	U	1.1	230		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	86-73-7	Fluorene	0.000669	mg/kg	U	29	230		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	118-74-1	Hexachlorobenzene	0.000548	mg/kg	U	0.075	0.075		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.000822	mg/kg	U	0.001	0.17		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	67-72-1	Hexachloroethane	0.00175	mg/kg	U	0.024	1.7		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.000472	mg/kg	U	1.1	1.1		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	78-59-1	Isophorone	0.000522	mg/kg	U	547	547		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	98-95-3	Nitrobenzene	0.00312	mg/kg	U	2.2	4.9		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00316	mg/kg	U	0.0019	0.0019		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00139	mg/kg	U	0.075	0.075		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.000593	mg/kg	U	0.55	106		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	87-86-5	Pentachlorophenol	0.00201	mg/kg	U	0.96	1		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	85-01-8	Phenanthrene	0.00786	mg/kg		29	1728		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	108-95-2	Phenol	0.000749	mg/kg	U	0.79	1824		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	8270C	129-00-0	Pyrene	0.000352	mg/kg	U	1.1	173		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.00455607	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.00546	mg/kg	U	1.1			
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.011	mg/kg		29			
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	NWTPH-Dx	TPH-D	Diesel Range Organics	7.3	mg/kg	J	260	1100		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	NWTPH-Dx	MOIL	Residual Range Organics	153	mg/kg		260	2800		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	0.121	mg/kg	U	120	1200		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.000763	mg/kg	U	1.8	1.8		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.00345	mg/kg	J	2.2	2.2		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000783	mg/kg	U	2.2	2.2		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	PSEP Butyltins	688-73-3	Tributyltin	0.000963	mg/kg	U	2.2	2.2		
HA10	723569.032	7834254.328	11/23/2004	0.5 - 0.5	SO	N	041123SGA29SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.00318	mg/kg	U	0.0073	0.23		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	6010	7429-90-5	Aluminum	15000	mg/kg		50	7392		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	6010	7440-70-2	Calcium	10200	mg/kg					
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	6010	7440-48-4	Cobalt	16	mg/kg		2.2	2.2		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	6010	7439-89-6	Iron	33300	mg/kg		5280	5280		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	6010	7439-95-4	Magnesium	9110	mg/kg					
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	6010	7440-02-0	Nickel	58.6	mg/kg		38	134		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	6010	7440-09-7	Potassium	627	mg/kg					
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	6010	7440-23-5	Sodium	12.3	mg/kg	U				
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	6010	7440-62-2	Vanadium	69.6	mg/kg		7.8	37		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	6020	7440-36-0	Antimony	0.893	mg/kg		0.27	3		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	6020	7440-38-2	Arsenic	3.26	mg/kg		0.43	0.43		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	6020	7440-39-3	Barium	112	mg/kg		330	1440		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	6020	7440-41-7	Beryllium	0.349	mg/kg		15	15		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	6020	7440-43-9	Cadmium	0.0129	mg/kg	U	0.36	0.68		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	6020	7440-47-3	Chromium	221	mg/kg		0.29	0.29		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	6020	7440-50-8	Copper	64	mg/kg		28	298		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	6020	7439-92-1	Lead	49.1	mg/kg		11	192		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	6020	7439-96-5	Manganese	611	mg/kg		173	173		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	6020	7782-49-2	Selenium	0.284	mg/kg		0.52	37		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	6020	7440-22-4	Silver	0.107	mg/kg		4.2	37		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	6020	7440-28-0	Thallium	0.135	mg/kg	J	0.05	0.075		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	6020	7440-66-6	Zinc	90.9	mg/kg		46	2208		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	7471	7439-97-6	Mercury	0.0359	mg/kg		0.013	1.1		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8081A	72-54-8	4,4'-DDD	0.000255	mg/kg	U	0.021	2.2		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8081A	72-55-9	4,4'-DDE	0.00025	mg/kg	U	0.021	1.8		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8081A	50-29-3	4,4'-DDT	0.000294	mg/kg	U	0.021	1.8		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8081A	309-00-2	Aldrin	0.000129	mg/kg	U	0.000085	0.031		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8081A	319-84-6	alpha-BHC	0.000125	mg/kg	U	0.0096	0.083		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8081A	5103-71-9	alpha-Chlordane	0.000135	mg/kg	U	0.27	1.7		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8081A	319-85-7	beta-BHC	0.000139	mg/kg	U	0.0096	0.086		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8081A	319-86-8	delta-BHC	0.000125	mg/kg	U	0.0096	0.083		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8081A	60-57-1	Dieldrin	0.000304	mg/kg	U	0.0049	0.033		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8081A	959-98-8	Endosulfan I	0.00014	mg/kg	U	0.64	45		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8081A	33213-65-9	Endosulfan II	0.000319	mg/kg	U	0.64	45		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8081A	1031-07-8	Endosulfan sulfate	0.000598	mg/kg	U	0.64	36		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8081A	72-20-8	Endrin	0.000156	mg/kg	U	0.0014	1.8		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8081A	7421-93-4	Endrin aldehyde	0.000725	mg/kg	U	0.0014	1.8		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8081A	53494-70-5	Endrin ketone	0.00014	mg/kg	U	0.0014	1.8		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8081A	58-89-9	gamma-BHC (Lindane)	0.00015	mg/kg	U	0.0096	0.49		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8081A	5103-74-2	gamma-Chlordane	0.000151	mg/kg	U	0.27	1.7		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8081A	76-44-8	Heptachlor	0.000125	mg/kg	U	0.0016	0.11		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8081A	1024-57-3	Heptachlor epoxide	0.000171	mg/kg	U	0.00015	0.055		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8081A	72-43-5	Methoxychlor	0.00018	mg/kg	U	5.1	31		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8081A	8001-35-2	Toxaphene	0.0125	mg/kg	U	0.47	0.47		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8082	12674-11-2	Aroclor-1016	0.00348	mg/kg	U	0.041	0.1		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8082	11104-28-2	Aroclor-1221	0.00348	mg/kg	U	0.041	0.19		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8082	11141-16-5	Aroclor-1232	0.00348	mg/kg	U	0.041	0.16		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8082	53469-21-9	Aroclor-1242	0.00348	mg/kg	U	0.041	0.22		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8082	12672-29-6	Aroclor-1248	0.00348	mg/kg	U	0.041	0.22		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8082	11097-69-1	Aroclor-1254	0.00191	mg/kg	U	0.029	0.029		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8082	11096-82-5	Aroclor-1260	0.0064	mg/kg	J	0.041	0.23		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0000656	mg/kg	U	0.07	1.9		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	71-55-6	1,1,1-Trichloroethane	0.0000963	mg/kg	U	260	778		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.0000944	mg/kg	U	0.13	0.58		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	79-00-5	1,1,2-Trichloroethane	0.000133	mg/kg	U	0.14	0.14		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	75-34-3	1,1-Dichloroethane	0.0000847	mg/kg	U	3.5	3.5		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	75-35-4	1,1-Dichloroethene	0.000654	mg/kg	U	11	22		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	563-58-6	1,1-Dichloropropene	0.00134	mg/kg	U	0.001	1.7		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00016	mg/kg	U	6	6		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	96-18-4	1,2,3-Trichloropropane	0.000112	mg/kg	U	0.0049	0.0049		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.000163	mg/kg	U	0.27	5.6		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.000252	mg/kg	J	0.09	29		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.0002	mg/kg	UJ	0.0051	0.0051		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0000852	mg/kg	U	0.035	0.035		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	95-50-1	1,2-Dichlorobenzene	0.0000852	mg/kg	U	0.92	173		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	107-06-2	1,2-Dichloroethane	0.00013	mg/kg	U	0.44	0.44		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	78-87-5	1,2-Dichloropropane	0.0000634	mg/kg	U	0.28	1.5		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.0000639	mg/kg	U	0.16	26		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	541-73-1	1,3-Dichlorobenzene	0.0000579	mg/kg	U	0.74	2.5		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	142-28-9	1,3-Dichloropropane	0.0000899	mg/kg	U	0.28	154		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	106-46-7	1,4-Dichlorobenzene	0.0000817	mg/kg	U	0.89	2.5		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	594-20-7	2,2-Dichloropropane	0.000113	mg/kg	U	0.28	1.5		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	95-49-8	2-Chlorotoluene	0.0000726	mg/kg	U	154	154		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	591-78-6	2-Hexanone	0.00183	mg/kg	U	0.36	19		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	106-43-4	4-Chlorotoluene	0.000139	mg/kg	U	154	154		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	67-64-1	Acetone	0.329	mg/kg	U	1.2	6720		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	71-43-2	Benzene	0.000474	mg/kg	J	1.2	1.2		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	108-86-1	Bromobenzene	0.0000666	mg/kg	U	28	28		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	74-97-5	Bromochloromethane	0.0000768	mg/kg	U	3.4	3.4		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	75-27-4	Bromodichloromethane	0.000104	mg/kg	U	0.28	0.28		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	75-25-2	Bromoform	0.000104	mg/kg	UJ	0.07	18		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	74-83-9	Bromomethane	0.000589	mg/kg	U	0.002	0.65		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	75-15-0	Carbon disulfide	0.000549	mg/kg	J	0.81	74		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	56-23-5	Carbon tetrachloride	0.000141	mg/kg	U	0.62	0.62		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	108-90-7	Chlorobenzene	0.0000745	mg/kg	U	2.4	27		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	75-00-3	Chloroethane	0.000961	mg/kg	U	518	518		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	67-66-3	Chloroform	0.0000892	mg/kg	U	0.31	0.31		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	74-87-3	Chloromethane	0.000587	mg/kg	U	11	11		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.000151	mg/kg	U	6	6		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0000612	mg/kg	U	0.001	1.7		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	124-48-1	Dibromochloromethane	0.000108	mg/kg	U	3.7	3.7		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	74-95-3	Dibromomethane	0.000109	mg/kg	U	2.304	2.3		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	75-71-8	Dichlorodifluoromethane	0.0000686	mg/kg	U	8.4	8.4		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	100-41-4	Ethylbenzene	0.00168	mg/kg	U	0.27	5.6		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	87-68-3	Hexachlorobutadiene	0.0000983	mg/kg	U	0.009	1.2		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	98-82-8	Isopropylbenzene	0.0000626	mg/kg	U	0.04	182		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	179601-23-1	m,p-Xylene	0.00335	mg/kg	U	1.4	53		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	78-93-3	MEK (2-Butanone)	0.0193	mg/kg	U	350	2592		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	75-09-2	Methylene chloride	0.00538	mg/kg	U	2.6	34		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00106	mg/kg	U	9.7	3168		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	104-51-8	n-Butylbenzene	0.000155	mg/kg	U	374	374		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	103-65-1	n-Propylbenzene	0.0000787	mg/kg	U	365	365		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	95-47-6	o-Xylene	0.00168	mg/kg	U	1.4	61		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	99-87-6	p-Cymene	0.000152	mg/kg	J	0.18	182		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	135-98-8	sec-Butylbenzene	0.0000654	mg/kg	U	749	749		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	100-42-5	Styrene	0.0000403	mg/kg	U	1.2	576		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	98-06-6	tert-Butylbenzene	0.0000404	mg/kg	U	749	749		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	127-18-4	Tetrachloroethene	0.000169	mg/kg	U	0.18	7.8		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	108-88-3	Toluene	0.000786	mg/kg	J	23	470		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.000419	mg/kg	U	6.7	6.7		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.000076	mg/kg	U	0.001	1.7		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	79-01-6	Trichloroethene	0.0000538	mg/kg	U	0.39	0.39		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	75-69-4	Trichlorofluoromethane	0.000587	mg/kg	U	52	2208		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	108-05-4	Vinyl acetate	0.00169	mg/kg	U	87	87		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8260B	75-01-4	Vinyl chloride	0.000312	mg/kg	U	0.057	0.057		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.000956	mg/kg	U	4	605		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.000975	mg/kg	U	6	6		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	120-83-2	2,4-Dichlorophenol	0.00109	mg/kg	U	0.05	18		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	105-67-9	2,4-Dimethylphenol	0.000943	mg/kg	UJ	0.04	125		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	51-28-5	2,4-Dinitrophenol	0.00861	mg/kg	U	0.061	12		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00209	mg/kg	U	1.6	1.6		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00132	mg/kg	U	0.3456	0.35		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	91-58-7	2-Chloronaphthalene	0.000832	mg/kg	U	461	461		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	95-57-8	2-Chlorophenol	0.000829	mg/kg	U	0.39	37		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	91-57-6	2-Methylnaphthalene	0.000641	mg/kg	U	23	23		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	95-48-7	2-Methylphenol	0.00116	mg/kg	U	0.67	307		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	88-74-4	2-Nitroaniline	0.000669	mg/kg	U	5.3	60		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	88-75-5	2-Nitrophenol	0.0014	mg/kg	U	5.1	1824		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00535	mg/kg	U	0.03	1.2		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	99-09-2	3-Nitroaniline	0.00361	mg/kg	U	0.02	60		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00222	mg/kg	U	0.49	0.49		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00227	mg/kg	U				
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.0011	mg/kg	U	605	605		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	106-47-8	4-Chloroaniline	0.00115	mg/kg	U	1	2.6		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00265	mg/kg	U				
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	106-44-5	4-Methylphenol	0.00145	mg/kg	U	0.08	125		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	100-01-6	4-Nitroaniline	0.00505	mg/kg	U	0.02	24		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	100-02-7	4-Nitrophenol	0.0101	mg/kg	U	5.1	1824		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	83-32-9	Acenaphthene	0.00588	mg/kg		29	346		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	208-96-8	Acenaphthylene	0.000726	mg/kg	U	1.9	1.9		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	62-53-3	Aniline	0.00227	mg/kg	U	42	42		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	120-12-7	Anthracene	0.00855	mg/kg		29	1728		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	92-87-5	Benzidine	0.00348	mg/kg	U	0.00051	0.00051		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	56-55-3	Benzo(a)anthracene	0.0483	mg/kg	J	1.1	1.1		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	50-32-8	Benzo(a)pyrene	0.0404	mg/kg		0.11	0.11		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.0298	mg/kg	J	1.1	173		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.0734	mg/kg					
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	65-85-0	Benzoic acid	0.0273	mg/kg	J	1	24000		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	100-51-6	Benzyl alcohol	0.00245	mg/kg	U	120	605		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00237	mg/kg	UJ	18	18		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00193	mg/kg	U	0.22	0.22		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.332	mg/kg		0.02	37		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.00985	mg/kg	U	298	298		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	85-68-7	Butyl benzylphthalate	0.00264	mg/kg	U	90	278		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	86-74-8	Carbazole	0.00949	mg/kg	J	7.5	7.5		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	218-01-9	Chrysene	0.0858	mg/kg		1.1	106		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.00123	mg/kg	J	0.1056	0.11		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	132-64-9	Dibenzofuran	0.000569	mg/kg	U	6.1	7.5		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	84-66-2	Diethyl phthalate	0.00445	mg/kg	U	100	4896		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	131-11-3	Dimethyl phthalate	0.00242	mg/kg	U	10	37		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	84-74-2	Di-n-butylphthalate	0.00224	mg/kg	UJ	0.011	605		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	117-84-0	Di-n-octylphthalate	0.0616	mg/kg		0.91	60		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	206-44-0	Fluoranthene	0.0527	mg/kg		1.1	230		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	86-73-7	Fluorene	0.00713	mg/kg		29	230		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	118-74-1	Hexachlorobenzene	0.000652	mg/kg	U	0.075	0.075		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.000977	mg/kg	U	0.001	0.17		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	67-72-1	Hexachloroethane	0.00208	mg/kg	U	0.024	1.7		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0265	mg/kg	J	1.1	1.1		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	78-59-1	Isophorone	0.000621	mg/kg	U	547	547		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	91-20-3	Naphthalene	0.0025	mg/kg		1.9	1.9		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	98-95-3	Nitrobenzene	0.00371	mg/kg	U	2.2	4.9		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00376	mg/kg	U	0.0019	0.0019		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00165	mg/kg	U	0.075	0.075		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.000705	mg/kg	U	0.55	106		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	87-86-5	Pentachlorophenol	0.00239	mg/kg	U	0.96	1		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	85-01-8	Phenanthrene	0.0248	mg/kg		29	1728		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	108-95-2	Phenol	0.000891	mg/kg	U	0.79	1824		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	8270C	129-00-0	Pyrene	0.0516	mg/kg		1.1	173		
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0491958	mg/kg					
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.336	mg/kg		1.1			
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.0496	mg/kg		29			
HA11	723516.667	7834252.613	11/23/2004	1 - 1	SO	N	041123SGA30SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.00831	mg/kg		0.0073	0.23		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	6010	7429-90-5	Aluminum	23100	mg/kg		50	7392		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	6010	7440-70-2	Calcium	9860	mg/kg					
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	6010	7440-48-4	Cobalt	19.7	mg/kg		2.2	2.2		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	6010	7439-89-6	Iron	35200	mg/kg		5280	5280		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	6010	7439-95-4	Magnesium	13900	mg/kg					
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	6010	7440-02-0	Nickel	26.9	mg/kg		38	134		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	6010	7440-09-7	Potassium	615	mg/kg					
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	6010	7440-23-5	Sodium	278	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	6010	7440-62-2	Vanadium	89.1	mg/kg		7.8	37		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	6020	7440-36-0	Antimony	0.245	mg/kg	J	0.27	3		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	6020	7440-38-2	Arsenic	3.05	mg/kg		0.43	0.43		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	6020	7440-39-3	Barium	123	mg/kg		330	1440		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	6020	7440-41-7	Beryllium	0.385	mg/kg		15	15		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	6020	7440-43-9	Cadmium	0.0148	mg/kg	U	0.36	0.68		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	6020	7440-47-3	Chromium	29.8	mg/kg		0.29	0.29		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	6020	7440-50-8	Copper	66.4	mg/kg		28	298		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	6020	7439-92-1	Lead	8.61	mg/kg		11	192		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	6020	7439-96-5	Manganese	816	mg/kg		173	173		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	6020	7782-49-2	Selenium	0.33	mg/kg		0.52	37		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	6020	7440-22-4	Silver	0.154	mg/kg		4.2	37		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	6020	7440-28-0	Thallium	0.11	mg/kg	J	0.05	0.075		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	6020	7440-66-6	Zinc	58.5	mg/kg		46	2208		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	7471	7439-97-6	Mercury	0.0131	mg/kg	J	0.013	1.1		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8081A	72-54-8	4,4'-DDD	0.000256	mg/kg	U	0.021	2.2		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8081A	72-55-9	4,4'-DDE	0.000251	mg/kg	U	0.021	1.8		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8081A	50-29-3	4,4'-DDT	0.000295	mg/kg	U	0.021	1.8		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8081A	309-00-2	Aldrin	0.000129	mg/kg	U	0.000085	0.031		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8081A	319-84-6	alpha-BHC	0.000126	mg/kg	U	0.0096	0.083		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8081A	5103-71-9	alpha-Chlordane	0.000136	mg/kg	U	0.27	1.7		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8081A	319-85-7	beta-BHC	0.000139	mg/kg	U	0.0096	0.086		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8081A	319-86-8	delta-BHC	0.000126	mg/kg	U	0.0096	0.083		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8081A	60-57-1	Dieldrin	0.000305	mg/kg	U	0.0049	0.033		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8081A	959-98-8	Endosulfan I	0.000141	mg/kg	U	0.64	45		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8081A	33213-65-9	Endosulfan II	0.00032	mg/kg	U	0.64	45		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8081A	1031-07-8	Endosulfan sulfate	0.0006	mg/kg	U	0.64	36		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8081A	72-20-8	Endrin	0.000157	mg/kg	U	0.0014	1.8		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8081A	7421-93-4	Endrin aldehyde	0.000728	mg/kg	U	0.0014	1.8		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8081A	53494-70-5	Endrin ketone	0.000141	mg/kg	U	0.0014	1.8		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8081A	58-89-9	gamma-BHC (Lindane)	0.000151	mg/kg	U	0.0096	0.49		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8081A	5103-74-2	gamma-Chlordane	0.000152	mg/kg	U	0.27	1.7		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8081A	76-44-8	Heptachlor	0.000126	mg/kg	U	0.0016	0.11		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8081A	1024-57-3	Heptachlor epoxide	0.000634	mg/kg	J	0.00015	0.055		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8081A	72-43-5	Methoxychlor	0.000181	mg/kg	U	5.1	31		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8081A	8001-35-2	Toxaphene	0.0126	mg/kg	U	0.47	0.47		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8082	12674-11-2	Aroclor-1016	0.00347	mg/kg	U	0.041	0.1		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8082	11104-28-2	Aroclor-1221	0.00347	mg/kg	U	0.041	0.19		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8082	11141-16-5	Aroclor-1232	0.00347	mg/kg	U	0.041	0.16		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8082	53469-21-9	Aroclor-1242	0.00347	mg/kg	U	0.041	0.22		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8082	12672-29-6	Aroclor-1248	0.00347	mg/kg	U	0.041	0.22		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8082	11097-69-1	Aroclor-1254	0.00191	mg/kg	U	0.029	0.029		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8082	11096-82-5	Aroclor-1260	0.00191	mg/kg	U	0.041	0.23		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0000934	mg/kg	U	0.07	1.9		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	71-55-6	1,1,1-Trichloroethane	0.000137	mg/kg	U	260	778		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000135	mg/kg	U	0.13	0.58		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	79-00-5	1,1,2-Trichloroethane	0.00019	mg/kg	U	0.14	0.14		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	75-34-3	1,1-Dichloroethane	0.000121	mg/kg	U	3.5	3.5		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	75-35-4	1,1-Dichloroethene	0.000932	mg/kg	U	11	22		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	563-58-6	1,1-Dichloropropene	0.00191	mg/kg	U	0.001	1.7		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.000227	mg/kg	U	6	6		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	96-18-4	1,2,3-Trichloropropane	0.00016	mg/kg	U	0.0049	0.0049		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.000232	mg/kg	U	0.27	5.6		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.000101	mg/kg	U	0.09	29		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.000284	mg/kg	UJ	0.0051	0.0051		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.000121	mg/kg	U	0.035	0.035		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	95-50-1	1,2-Dichlorobenzene	0.000121	mg/kg	U	0.92	173		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	107-06-2	1,2-Dichloroethane	0.000185	mg/kg	U	0.44	0.44		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	78-87-5	1,2-Dichloropropane	0.0000903	mg/kg	U	0.28	1.5		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000091	mg/kg	U	0.16	26		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	541-73-1	1,3-Dichlorobenzene	0.0000824	mg/kg	U	0.74	2.5		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	142-28-9	1,3-Dichloropropane	0.000128	mg/kg	U	0.28	154		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	106-46-7	1,4-Dichlorobenzene	0.000116	mg/kg	U	0.89	2.5		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	594-20-7	2,2-Dichloropropane	0.000161	mg/kg	U	0.28	1.5		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	95-49-8	2-Chlorotoluene	0.000103	mg/kg	U	154	154		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	591-78-6	2-Hexanone	0.0026	mg/kg	U	0.36	19		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	106-43-4	4-Chlorotoluene	0.000198	mg/kg	U	154	154		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	67-64-1	Acetone	0.292	mg/kg	U	1.2	6720		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	71-43-2	Benzene	0.000514	mg/kg	J	1.2	1.2		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	108-86-1	Bromobenzene	0.0000949	mg/kg	U	28	28		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	74-97-5	Bromochloromethane	0.000109	mg/kg	U	3.4	3.4		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	75-27-4	Bromodichloromethane	0.000148	mg/kg	U	0.28	0.28		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	75-25-2	Bromoform	0.000148	mg/kg	UJ	0.07	18		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	74-83-9	Bromomethane	0.000839	mg/kg	U	0.002	0.65		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	75-15-0	Carbon disulfide	0.00066	mg/kg	U	0.81	74		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	56-23-5	Carbon tetrachloride	0.000201	mg/kg	U	0.62	0.62		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	108-90-7	Chlorobenzene	0.000106	mg/kg	U	2.4	27		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	75-00-3	Chloroethane	0.00137	mg/kg	U	518	518		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	67-66-3	Chloroform	0.000127	mg/kg	U	0.31	0.31		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	74-87-3	Chloromethane	0.000836	mg/kg	U	11	11		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.000215	mg/kg	U	6	6		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0000872	mg/kg	U	0.001	1.7		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	124-48-1	Dibromochloromethane	0.000154	mg/kg	U	3.7	3.7		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	74-95-3	Dibromomethane	0.000155	mg/kg	U	2.304	2.3		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	75-71-8	Dichlorodifluoromethane	0.0000977	mg/kg	U	8.4	8.4		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	100-41-4	Ethylbenzene	0.00239	mg/kg	U	0.27	5.6		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	87-68-3	Hexachlorobutadiene	0.00014	mg/kg	U	0.009	1.2		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	98-82-8	Isopropylbenzene	0.0000891	mg/kg	U	0.04	182		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	179601-23-1	m,p-Xylene	0.00478	mg/kg	U	1.4	53		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	78-93-3	MEK (2-Butanone)	0.0292	mg/kg	U	350	2592		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	75-09-2	Methylene chloride	0.00954	mg/kg	U	2.6	34		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00152	mg/kg	U	9.7	3168		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	91-20-3	Naphthalene	0.000985	mg/kg	U	1.9	1.9		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	104-51-8	n-Butylbenzene	0.000221	mg/kg	U	374	374		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	103-65-1	n-Propylbenzene	0.000112	mg/kg	U	365	365		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	95-47-6	o-Xylene	0.00239	mg/kg	U	1.4	61		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	99-87-6	p-Cymene	0.00111	mg/kg	J	0.18	182		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	135-98-8	sec-Butylbenzene	0.0000932	mg/kg	U	749	749		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	100-42-5	Styrene	0.00239	mg/kg	U	1.2	576		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	98-06-6	tert-Butylbenzene	0.0000576	mg/kg	U	749	749		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	127-18-4	Tetrachloroethene	0.000241	mg/kg	U	0.18	7.8		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	108-88-3	Toluene	0.00133	mg/kg	J	23	470		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.000597	mg/kg	U	6.7	6.7		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.000108	mg/kg	U	0.001	1.7		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	79-01-6	Trichloroethene	0.0000767	mg/kg	U	0.39	0.39		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	75-69-4	Trichlorofluoromethane	0.000836	mg/kg	U	52	2208		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	108-05-4	Vinyl acetate	0.00241	mg/kg	U	87	87		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8260B	75-01-4	Vinyl chloride	0.000444	mg/kg	U	0.057	0.057		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.00098	mg/kg	U	4	605		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.000999	mg/kg	U	6	6		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	120-83-2	2,4-Dichlorophenol	0.00112	mg/kg	U	0.05	18		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	105-67-9	2,4-Dimethylphenol	0.000966	mg/kg	UJ	0.04	125		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	51-28-5	2,4-Dinitrophenol	0.00882	mg/kg	U	0.061	12		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00215	mg/kg	U	1.6	1.6		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00135	mg/kg	U	0.3456	0.35		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	91-58-7	2-Chloronaphthalene	0.000852	mg/kg	U	461	461		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	95-57-8	2-Chlorophenol	0.00085	mg/kg	U	0.39	37		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	91-57-6	2-Methylnaphthalene	0.000656	mg/kg	U	23	23		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	95-48-7	2-Methylphenol	0.00119	mg/kg	U	0.67	307		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	88-74-4	2-Nitroaniline	0.000685	mg/kg	U	5.3	60		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	88-75-5	2-Nitrophenol	0.00144	mg/kg	U	5.1	1824		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00548	mg/kg	U	0.03	1.2		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	99-09-2	3-Nitroaniline	0.0037	mg/kg	U	0.02	60		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00227	mg/kg	U	0.49	0.49		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00232	mg/kg	U				
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.00113	mg/kg	U	605	605		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	106-47-8	4-Chloroaniline	0.00117	mg/kg	U	1	2.6		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00271	mg/kg	U				
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	106-44-5	4-Methylphenol	0.00149	mg/kg	U	0.08	125		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	100-01-6	4-Nitroaniline	0.00518	mg/kg	U	0.02	24		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	100-02-7	4-Nitrophenol	0.0103	mg/kg	U	5.1	1824		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	83-32-9	Acenaphthene	0.000648	mg/kg	U	29	346		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	208-96-8	Acenaphthylene	0.000744	mg/kg	U	1.9	1.9		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	62-53-3	Aniline	0.00232	mg/kg	U	42	42		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	120-12-7	Anthracene	0.00048	mg/kg	U	29	1728		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	92-87-5	Benzidine	0.00356	mg/kg	U	0.00051	0.00051		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	56-55-3	Benzo(a)anthracene	0.00128	mg/kg	U	1.1	1.1		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	50-32-8	Benzo(a)pyrene	0.000799	mg/kg	U	0.11	0.11		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.000607	mg/kg	U	1.1	173		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.00114	mg/kg	U				
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	65-85-0	Benzoic acid	0.0202	mg/kg	U	1	24000		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	100-51-6	Benzyl alcohol	0.00251	mg/kg	U	120	605		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00242	mg/kg	UJ	18	18		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00198	mg/kg	U	0.22	0.22		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.00231	mg/kg	U	0.02	37		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0101	mg/kg	U	298	298		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	85-68-7	Butyl benzylphthalate	0.0027	mg/kg	U	90	278		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	86-74-8	Carbazole	0.00251	mg/kg	U	7.5	7.5		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	218-01-9	Chrysene	0.000903	mg/kg	U	1.1	106		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.000784	mg/kg	U	0.1056	0.11		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	132-64-9	Dibenzofuran	0.000583	mg/kg	U	6.1	7.5		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	84-66-2	Diethyl phthalate	0.00456	mg/kg	U	100	4896		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	131-11-3	Dimethyl phthalate	0.00247	mg/kg	U	10	37		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	84-74-2	Di-n-butylphthalate	0.0131	mg/kg	UJ	0.011	605		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	117-84-0	Di-n-octylphthalate	0.00232	mg/kg	U	0.91	60		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	206-44-0	Fluoranthene	0.00128	mg/kg	U	1.1	230		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	86-73-7	Fluorene	0.000816	mg/kg	U	29	230		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	118-74-1	Hexachlorobenzene	0.000668	mg/kg	U	0.075	0.075		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.001	mg/kg	U	0.001	0.17		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	67-72-1	Hexachloroethane	0.00213	mg/kg	U	0.024	1.7		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.000576	mg/kg	U	1.1	1.1		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	78-59-1	Isophorone	0.000636	mg/kg	U	547	547		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	98-95-3	Nitrobenzene	0.0038	mg/kg	U	2.2	4.9		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00385	mg/kg	U	0.0019	0.0019		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00169	mg/kg	U	0.075	0.075		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.000722	mg/kg	U	0.55	106		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	87-86-5	Pentachlorophenol	0.00245	mg/kg	U	0.96	1		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	85-01-8	Phenanthrene	0.00075	mg/kg	U	29	1728		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	108-95-2	Phenol	0.000913	mg/kg	U	0.79	1824		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	8270C	129-00-0	Pyrene	0.000429	mg/kg	U	1.1	173		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.00554652	mg/kg	U				
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.00666	mg/kg	U	1.1			
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.00456	mg/kg	U	29			
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	NWTPH-Dx	TPH-D	Diesel Range Organics	5.74	mg/kg	U	260	1100		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	NWTPH-Dx	MOIL	Residual Range Organics	11.4	mg/kg	U	260	2800		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	132	mg/kg		120	1200		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.000887	mg/kg	U	1.8	1.8		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.000632	mg/kg	U	2.2	2.2		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.00091	mg/kg	U	2.2	2.2		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	PSEP Butyltins	688-73-3	Tributyltin	0.00112	mg/kg	U	2.2	2.2		
HA11	723516.667	7834252.613	11/23/2004	3 - 3	SO	N	041123SGA31SS	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.00382	mg/kg	U	0.0073	0.23		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	6010	7429-90-5	Aluminum	14600	mg/kg		50	7392		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	6010	7440-70-2	Calcium	7090	mg/kg					
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	6010	7440-48-4	Cobalt	14.7	mg/kg		2.2	2.2		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	6010	7439-89-6	Iron	27600	mg/kg		5280	5280		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	6010	7439-95-4	Magnesium	7590	mg/kg					
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	6010	7440-02-0	Nickel	28.3	mg/kg		38	134		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	6010	7440-09-7	Potassium	654	mg/kg					
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	6010	7440-23-5	Sodium	12.7	mg/kg	U				
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	6010	7440-62-2	Vanadium	68.7	mg/kg		7.8	37		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	6020	7440-36-0	Antimony	1.7	mg/kg		0.27	3		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	6020	7440-38-2	Arsenic	8.22	mg/kg		0.43	0.43		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	6020	7440-39-3	Barium	104	mg/kg		330	1440		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	6020	7440-41-7	Beryllium	0.378	mg/kg		15	15		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	6020	7440-43-9	Cadmium	0.0133	mg/kg	U	0.36	0.68		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	6020	7440-47-3	Chromium	55.4	mg/kg		0.29	0.29		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	6020	7440-50-8	Copper	77.6	mg/kg		28	298		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	6020	7439-92-1	Lead	21.5	mg/kg		11	192		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	6020	7439-96-5	Manganese	582	mg/kg		173	173		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	6020	7782-49-2	Selenium	0.277	mg/kg		0.52	37		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	6020	7440-22-4	Silver	0.17	mg/kg		4.2	37		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	6020	7440-28-0	Thallium	0.102	mg/kg	J	0.05	0.075		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	6020	7440-66-6	Zinc	120	mg/kg		46	2208		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	7471	7439-97-6	Mercury	0.0219	mg/kg		0.013	1.1		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0000473	mg/kg	U	0.07	1.9		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	71-55-6	1,1,1-Trichloroethane	0.0000694	mg/kg	U	260	778		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000068	mg/kg	U	0.13	0.58		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	79-00-5	1,1,2-Trichloroethane	0.000096	mg/kg	U	0.14	0.14		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	75-34-3	1,1-Dichloroethane	0.000061	mg/kg	U	3.5	3.5		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	75-35-4	1,1-Dichloroethene	0.000471	mg/kg	U	11	22		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	563-58-6	1,1-Dichloropropene	0.000966	mg/kg	U	0.001	1.7		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.000115	mg/kg	U	6	6		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	96-18-4	1,2,3-Trichloropropane	0.0000807	mg/kg	U	0.0049	0.0049		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.000117	mg/kg	U	0.27	5.6		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.000051	mg/kg	U	0.09	29		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.000144	mg/kg	UJ	0.0051	0.0051		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0000614	mg/kg	U	0.035	0.035		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	95-50-1	1,2-Dichlorobenzene	0.0000614	mg/kg	U	0.92	173		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	107-06-2	1,2-Dichloroethane	0.0000937	mg/kg	U	0.44	0.44		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	78-87-5	1,2-Dichloropropane	0.0000457	mg/kg	U	0.28	1.5		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000046	mg/kg	U	0.16	26		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	541-73-1	1,3-Dichlorobenzene	0.0000417	mg/kg	U	0.74	2.5		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	142-28-9	1,3-Dichloropropane	0.0000648	mg/kg	U	0.28	154		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	106-46-7	1,4-Dichlorobenzene	0.0000589	mg/kg	U	0.89	2.5		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	594-20-7	2,2-Dichloropropane	0.0000815	mg/kg	U	0.28	1.5		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	95-49-8	2-Chlorotoluene	0.0000523	mg/kg	U	154	154		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	591-78-6	2-Hexanone	0.00132	mg/kg	U	0.36	19		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	106-43-4	4-Chlorotoluene	0.0001	mg/kg	U	154	154		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	67-64-1	Acetone	0.0766	mg/kg	U	1.2	6720		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	71-43-2	Benzene	0.000396	mg/kg	J	1.2	1.2		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	108-86-1	Bromobenzene	0.000048	mg/kg	U	28	28		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	74-97-5	Bromochloromethane	0.0000554	mg/kg	U	3.4	3.4		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	75-27-4	Bromodichloromethane	0.0000747	mg/kg	U	0.28	0.28		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	75-25-2	Bromoform	0.0000748	mg/kg	UJ	0.07	18		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	74-83-9	Bromomethane	0.00121	mg/kg	U	0.002	0.65		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	75-15-0	Carbon disulfide	0.000334	mg/kg	U	0.81	74		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	56-23-5	Carbon tetrachloride	0.000102	mg/kg	U	0.62	0.62		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	108-90-7	Chlorobenzene	0.0000537	mg/kg	U	2.4	27		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	75-00-3	Chloroethane	0.000693	mg/kg	U	518	518		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	67-66-3	Chloroform	0.0000643	mg/kg	U	0.31	0.31		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	74-87-3	Chloromethane	0.000423	mg/kg	U	11	11		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.000109	mg/kg	U	6	6		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0000441	mg/kg	U	0.001	1.7		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	124-48-1	Dibromochloromethane	0.000078	mg/kg	U	3.7	3.7		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	74-95-3	Dibromomethane	0.0000783	mg/kg	U	2.304	2.3		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	75-71-8	Dichlorodifluoromethane	0.0000494	mg/kg	U	8.4	8.4		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	100-41-4	Ethylbenzene	0.00121	mg/kg	U	0.27	5.6		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	87-68-3	Hexachlorobutadiene	0.0000708	mg/kg	U	0.009	1.2		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	98-82-8	Isopropylbenzene	0.0000451	mg/kg	U	0.04	182		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	179601-23-1	m,p-Xylene	0.00242	mg/kg	U	1.4	53		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	78-93-3	MEK (2-Butanone)	0.0106	mg/kg	U	350	2592		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	75-09-2	Methylene chloride	0.00214	mg/kg	U	2.6	34		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.000766	mg/kg	U	9.7	3168		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	91-20-3	Naphthalene	0.000498	mg/kg	U	1.9	1.9		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	104-51-8	n-Butylbenzene	0.000112	mg/kg	U	374	374		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	103-65-1	n-Propylbenzene	0.0000567	mg/kg	U	365	365		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	95-47-6	o-Xylene	0.00121	mg/kg	U	1.4	61		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	99-87-6	p-Cymene	0.0000676	mg/kg	U	0.18	182		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	135-98-8	sec-Butylbenzene	0.0000471	mg/kg	U	749	749		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	100-42-5	Styrene	0.00121	mg/kg	U	1.2	576		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	98-06-6	tert-Butylbenzene	0.0000291	mg/kg	U	749	749		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	127-18-4	Tetrachloroethene	0.00095	mg/kg	J	0.18	7.8		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	108-88-3	Toluene	0.00121	mg/kg	U	23	470		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.000302	mg/kg	U	6.7	6.7		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0000547	mg/kg	U	0.001	1.7		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	79-01-6	Trichloroethene	0.000045	mg/kg	J	0.39	0.39		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	75-69-4	Trichlorofluoromethane	0.000423	mg/kg	U	52	2208		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	108-05-4	Vinyl acetate	0.00122	mg/kg	U	87	87		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8260B	75-01-4	Vinyl chloride	0.000225	mg/kg	U	0.057	0.057		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.000923	mg/kg	U	4	605		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.000941	mg/kg	U	6	6		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	120-83-2	2,4-Dichlorophenol	0.00106	mg/kg	U	0.05	18		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	105-67-9	2,4-Dimethylphenol	0.00091	mg/kg	UJ	0.04	125		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	51-28-5	2,4-Dinitrophenol	0.00832	mg/kg	U	0.061	12		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00202	mg/kg	U	1.6	1.6		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00127	mg/kg	U	0.3456	0.35		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	91-58-7	2-Chloronaphthalene	0.000803	mg/kg	U	461	461		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	95-57-8	2-Chlorophenol	0.000801	mg/kg	U	0.39	37		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	91-57-6	2-Methylnaphthalene	0.00264	mg/kg	J	23	23		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	95-48-7	2-Methylphenol	0.00112	mg/kg	U	0.67	307		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	88-74-4	2-Nitroaniline	0.000646	mg/kg	U	5.3	60		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	88-75-5	2-Nitrophenol	0.00136	mg/kg	U	5.1	1824		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00516	mg/kg	U	0.03	1.2		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	99-09-2	3-Nitroaniline	0.00349	mg/kg	U	0.02	60		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00214	mg/kg	U	0.49	0.49		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00219	mg/kg	U				
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.00106	mg/kg	U	605	605		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	106-47-8	4-Chloroaniline	0.00111	mg/kg	U	1	2.6		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00256	mg/kg	U				
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	106-44-5	4-Methylphenol	0.0014	mg/kg	U	0.08	125		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	100-01-6	4-Nitroaniline	0.00488	mg/kg	U	0.02	24		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	100-02-7	4-Nitrophenol	0.00974	mg/kg	U	5.1	1824		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	83-32-9	Acenaphthene	0.00809	mg/kg		29	346		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	208-96-8	Acenaphthylene	0.000701	mg/kg	U	1.9	1.9		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	62-53-3	Aniline	0.00219	mg/kg	U	42	42		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	120-12-7	Anthracene	0.00641	mg/kg		29	1728		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	92-87-5	Benzidine	0.00335	mg/kg	U	0.00051	0.00051		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	56-55-3	Benzo(a)anthracene	0.0265	mg/kg	J	1.1	1.1		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	50-32-8	Benzo(a)pyrene	0.0289	mg/kg		0.11	0.11		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.0189	mg/kg	J	1.1	173		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.039	mg/kg					
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	65-85-0	Benzoic acid	0.019	mg/kg	U	1	24000		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	100-51-6	Benzyl alcohol	0.00237	mg/kg	U	120	605		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00228	mg/kg	UJ	18	18		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00187	mg/kg	U	0.22	0.22		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.542	mg/kg		0.02	37		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0095	mg/kg	U	298	298		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	85-68-7	Butyl benzylphthalate	0.00255	mg/kg	U	90	278		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	86-74-8	Carbazole	0.00237	mg/kg	U	7.5	7.5		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	218-01-9	Chrysene	0.0327	mg/kg		1.1	106		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.000739	mg/kg	U	0.1056	0.11		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	132-64-9	Dibenzofuran	0.00055	mg/kg	U	6.1	7.5		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	84-66-2	Diethyl phthalate	0.00429	mg/kg	U	100	4896		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	131-11-3	Dimethyl phthalate	0.00233	mg/kg	U	10	37		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	84-74-2	Di-n-butylphthalate	0.019	mg/kg	UJ	0.011	605		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	117-84-0	Di-n-octylphthalate	0.0881	mg/kg		0.91	60		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	206-44-0	Fluoranthene	0.0416	mg/kg		1.1	230		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	86-73-7	Fluorene	0.000768	mg/kg	U	29	230		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	118-74-1	Hexachlorobenzene	0.000629	mg/kg	U	0.075	0.075		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.000943	mg/kg	U	0.001	0.17		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	67-72-1	Hexachloroethane	0.00201	mg/kg	U	0.024	1.7		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0153	mg/kg	J	1.1	1.1		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	78-59-1	Isophorone	0.0006	mg/kg	U	547	547		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	98-95-3	Nitrobenzene	0.00358	mg/kg	U	2.2	4.9		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00363	mg/kg	U	0.0019	0.0019		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00159	mg/kg	U	0.075	0.075		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.00068	mg/kg	U	0.55	106		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	87-86-5	Pentachlorophenol	0.00231	mg/kg	U	0.96	1		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	85-01-8	Phenanthrene	0.0183	mg/kg		29	1728		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	108-95-2	Phenol	0.00086	mg/kg	U	0.79	1824		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	8270C	129-00-0	Pyrene	0.0448	mg/kg		1.1	173		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.03389405	mg/kg					
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.209439	mg/kg		1.1			
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.034903	mg/kg		29			
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	NWTPH-Dx	TPH-D	Diesel Range Organics	5.53	mg/kg	U	260	1100		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	NWTPH-Dx	MOIL	Residual Range Organics	11	mg/kg	U	260	2800		
HA12	723410.412	7834150.404	11/23/2004	4 - 4	SO	N	041123SGA33SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.89	mg/kg	U	120	1200		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	6010	7429-90-5	Aluminum	7100	mg/kg		50	7392		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	6010	7440-70-2	Calcium	4390	mg/kg					
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	6010	7440-48-4	Cobalt	14	mg/kg		2.2	2.2		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	6010	7439-89-6	Iron	23200	mg/kg		5280	5280		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	6010	7439-95-4	Magnesium	3900	mg/kg					
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	6010	7440-02-0	Nickel	6.81	mg/kg		38	134		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	6010	7440-09-7	Potassium	778	mg/kg					
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	6010	7440-23-5	Sodium	11.7	mg/kg	U				
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	6010	7440-62-2	Vanadium	61.9	mg/kg		7.8	37		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	6020	7440-36-0	Antimony	0.164	mg/kg	J	0.27	3		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	6020	7440-38-2	Arsenic	0.936	mg/kg		0.43	0.43		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	6020	7440-39-3	Barium	64.1	mg/kg		330	1440		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	6020	7440-41-7	Beryllium	0.26	mg/kg		15	15		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	6020	7440-43-9	Cadmium	0.0123	mg/kg	U	0.36	0.68		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	6020	7440-47-3	Chromium	6.19	mg/kg		0.29	0.29		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	6020	7440-50-8	Copper	21.3	mg/kg		28	298		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	6020	7439-92-1	Lead	46.3	mg/kg		11	192		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	6020	7439-96-5	Manganese	459	mg/kg		173	173		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	6020	7782-49-2	Selenium	0.289	mg/kg		0.52	37		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	6020	7440-22-4	Silver	0.12	mg/kg		4.2	37		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	6020	7440-28-0	Thallium	0.101	mg/kg	J	0.05	0.075		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	6020	7440-66-6	Zinc	103	mg/kg		46	2208		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	7471	7439-97-6	Mercury	0.00528	mg/kg	U	0.013	1.1		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8081A	72-54-8	4,4'-DDD	0.000208	mg/kg	U	0.021	2.2		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8081A	72-55-9	4,4'-DDE	0.000204	mg/kg	U	0.021	1.8		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8081A	50-29-3	4,4'-DDT	0.00024	mg/kg	U	0.021	1.8		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8081A	309-00-2	Aldrin	0.000105	mg/kg	U	0.000085	0.031		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8081A	319-84-6	alpha-BHC	0.000102	mg/kg	U	0.0096	0.083		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8081A	5103-71-9	alpha-Chlordane	0.00011	mg/kg	U	0.27	1.7		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8081A	319-85-7	beta-BHC	0.00187	mg/kg	U	0.0096	0.086		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8081A	319-86-8	delta-BHC	0.000102	mg/kg	U	0.0096	0.083		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8081A	60-57-1	Dieldrin	0.000248	mg/kg	U	0.0049	0.033		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8081A	959-98-8	Endosulfan I	0.000114	mg/kg	U	0.64	45		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8081A	33213-65-9	Endosulfan II	0.00026	mg/kg	U	0.64	45		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8081A	1031-07-8	Endosulfan sulfate	0.000488	mg/kg	U	0.64	36		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8081A	72-20-8	Endrin	0.000128	mg/kg	U	0.0014	1.8		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8081A	7421-93-4	Endrin aldehyde	0.000592	mg/kg	U	0.0014	1.8		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8081A	53494-70-5	Endrin ketone	0.000114	mg/kg	U	0.0014	1.8		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8081A	58-89-9	gamma-BHC (Lindane)	0.000122	mg/kg	U	0.0096	0.49		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8081A	5103-74-2	gamma-Chlordane	0.000123	mg/kg	U	0.27	1.7		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8081A	76-44-8	Heptachlor	0.000102	mg/kg	U	0.0016	0.11		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8081A	1024-57-3	Heptachlor epoxide	0.00014	mg/kg	U	0.00015	0.055		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8081A	72-43-5	Methoxychlor	0.000147	mg/kg	U	5.1	31		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8081A	8001-35-2	Toxaphene	0.0102	mg/kg	U	0.47	0.47		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8082	12674-11-2	Aroclor-1016	0.00301	mg/kg	U	0.041	0.1		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8082	11104-28-2	Aroclor-1221	0.00301	mg/kg	U	0.041	0.19		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8082	11141-16-5	Aroclor-1232	0.00301	mg/kg	U	0.041	0.16		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8082	53469-21-9	Aroclor-1242	0.00301	mg/kg	U	0.041	0.22		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8082	12672-29-6	Aroclor-1248	0.00301	mg/kg	U	0.041	0.22		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8082	11097-69-1	Aroclor-1254	0.00165	mg/kg	U	0.029	0.029		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8082	11096-82-5	Aroclor-1260	0.00411	mg/kg	J	0.041	0.23		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0000443	mg/kg	U	0.07	1.9		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	71-55-6	1,1,1-Trichloroethane	0.000065	mg/kg	U	260	778		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.0000638	mg/kg	U	0.13	0.58		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	79-00-5	1,1,2-Trichloroethane	0.0000899	mg/kg	U	0.14	0.14		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	75-34-3	1,1-Dichloroethane	0.0000572	mg/kg	U	3.5	3.5		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	75-35-4	1,1-Dichloroethene	0.000442	mg/kg	U	11	22		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	563-58-6	1,1-Dichloropropene	0.000905	mg/kg	U	0.001	1.7		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.000108	mg/kg	U	6	6		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	96-18-4	1,2,3-Trichloropropane	0.0000756	mg/kg	U	0.0049	0.0049		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00011	mg/kg	U	0.27	5.6		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.0000478	mg/kg	U	0.09	29		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.000135	mg/kg	UJ	0.0051	0.0051		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0000575	mg/kg	U	0.035	0.035		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	95-50-1	1,2-Dichlorobenzene	0.0000575	mg/kg	U	0.92	173		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	107-06-2	1,2-Dichloroethane	0.0000878	mg/kg	U	0.44	0.44		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	78-87-5	1,2-Dichloropropane	0.0000428	mg/kg	U	0.28	1.5		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.0000435	mg/kg	J	0.16	26		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	541-73-1	1,3-Dichlorobenzene	0.0000391	mg/kg	U	0.74	2.5		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	142-28-9	1,3-Dichloropropane	0.0000607	mg/kg	U	0.28	154		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	106-46-7	1,4-Dichlorobenzene	0.0000551	mg/kg	U	0.89	2.5		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	594-20-7	2,2-Dichloropropane	0.0000763	mg/kg	U	0.28	1.5		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	95-49-8	2-Chlorotoluene	0.000049	mg/kg	U	154	154		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	591-78-6	2-Hexanone	0.00123	mg/kg	U	0.36	19		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	106-43-4	4-Chlorotoluene	0.0000938	mg/kg	U	154	154		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	67-64-1	Acetone	0.173	mg/kg	U	1.2	6720		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	71-43-2	Benzene	0.00113	mg/kg	U	1.2	1.2		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	108-86-1	Bromobenzene	0.000045	mg/kg	U	28	28		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	74-97-5	Bromochloromethane	0.0000519	mg/kg	U	3.4	3.4		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	75-27-4	Bromodichloromethane	0.00007	mg/kg	U	0.28	0.28		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	75-25-2	Bromoform	0.0000701	mg/kg	UJ	0.07	18		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	74-83-9	Bromomethane	0.000397	mg/kg	U	0.002	0.65		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	75-15-0	Carbon disulfide	0.000313	mg/kg	U	0.81	74		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	56-23-5	Carbon tetrachloride	0.0000953	mg/kg	U	0.62	0.62		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	108-90-7	Chlorobenzene	0.0000503	mg/kg	U	2.4	27		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	75-00-3	Chloroethane	0.000649	mg/kg	U	518	518		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	67-66-3	Chloroform	0.0000602	mg/kg	U	0.31	0.31		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	74-87-3	Chloromethane	0.000396	mg/kg	U	11	11		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.000102	mg/kg	U	6	6		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0000413	mg/kg	U	0.001	1.7		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	124-48-1	Dibromochloromethane	0.000073	mg/kg	U	3.7	3.7		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	74-95-3	Dibromomethane	0.0000734	mg/kg	U	2.304	2.3		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	75-71-8	Dichlorodifluoromethane	0.0000463	mg/kg	U	8.4	8.4		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	100-41-4	Ethylbenzene	0.00113	mg/kg	U	0.27	5.6		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	87-68-3	Hexachlorobutadiene	0.0000664	mg/kg	U	0.009	1.2		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	98-82-8	Isopropylbenzene	0.0000422	mg/kg	U	0.04	182		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	179601-23-1	m,p-Xylene	0.00226	mg/kg	U	1.4	53		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	78-93-3	MEK (2-Butanone)	0.0144	mg/kg	U	350	2592		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	75-09-2	Methylene chloride	0.00227	mg/kg	U	2.6	34		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.000718	mg/kg	U	9.7	3168		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	91-20-3	Naphthalene	0.000467	mg/kg	U	1.9	1.9		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	104-51-8	n-Butylbenzene	0.000105	mg/kg	U	374	374		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	103-65-1	n-Propylbenzene	0.0000531	mg/kg	U	365	365		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	95-47-6	o-Xylene	0.00113	mg/kg	U	1.4	61		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	99-87-6	p-Cymene	0.00263	mg/kg		0.18	182		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	135-98-8	sec-Butylbenzene	0.0000442	mg/kg	U	749	749		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	100-42-5	Styrene	0.00113	mg/kg	U	1.2	576		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	98-06-6	tert-Butylbenzene	0.0000273	mg/kg	U	749	749		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	127-18-4	Tetrachloroethene	0.000114	mg/kg	U	0.18	7.8		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	108-88-3	Toluene	0.00113	mg/kg	U	23	470		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.000283	mg/kg	U	6.7	6.7		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0000513	mg/kg	U	0.001	1.7		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	79-01-6	Trichloroethene	0.0000667	mg/kg	J	0.39	0.39		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	75-69-4	Trichlorofluoromethane	0.000396	mg/kg	U	52	2208		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	108-05-4	Vinyl acetate	0.00114	mg/kg	U	87	87		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8260B	75-01-4	Vinyl chloride	0.000211	mg/kg	U	0.057	0.057		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.000818	mg/kg	U	4	605		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.000834	mg/kg	U	6	6		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	120-83-2	2,4-Dichlorophenol	0.000935	mg/kg	U	0.05	18		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	105-67-9	2,4-Dimethylphenol	0.000807	mg/kg	UJ	0.04	125		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	51-28-5	2,4-Dinitrophenol	0.00737	mg/kg	U	0.061	12		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00179	mg/kg	U	1.6	1.6		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00113	mg/kg	U	0.3456	0.35		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	91-58-7	2-Chloronaphthalene	0.000712	mg/kg	U	461	461		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	95-57-8	2-Chlorophenol	0.00071	mg/kg	U	0.39	37		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	91-57-6	2-Methylnaphthalene	0.00253	mg/kg	J	23	23		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	95-48-7	2-Methylphenol	0.000995	mg/kg	U	0.67	307		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	88-74-4	2-Nitroaniline	0.000573	mg/kg	U	5.3	60		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	88-75-5	2-Nitrophenol	0.0012	mg/kg	U	5.1	1824		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00458	mg/kg	U	0.03	1.2		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	99-09-2	3-Nitroaniline	0.00309	mg/kg	U	0.02	60		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.0019	mg/kg	U	0.49	0.49		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00194	mg/kg	U				
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.000942	mg/kg	U	605	605		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	106-47-8	4-Chloroaniline	0.000981	mg/kg	U	1	2.6		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00227	mg/kg	U				
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	106-44-5	4-Methylphenol	0.00124	mg/kg	U	0.08	125		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	100-01-6	4-Nitroaniline	0.00432	mg/kg	U	0.02	24		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	100-02-7	4-Nitrophenol	0.00864	mg/kg	U	5.1	1824		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	83-32-9	Acenaphthene	0.0161	mg/kg		29	346		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	208-96-8	Acenaphthylene	0.00465	mg/kg		1.9	1.9		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	62-53-3	Aniline	0.00194	mg/kg	U	42	42		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	120-12-7	Anthracene	0.0213	mg/kg		29	1728		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	92-87-5	Benzidine	0.00297	mg/kg	U	0.00051	0.00051		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	56-55-3	Benzo(a)anthracene	0.114	mg/kg	J	1.1	1.1		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	50-32-8	Benzo(a)pyrene	0.108	mg/kg		0.11	0.11		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.0619	mg/kg	J	1.1	173		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.212	mg/kg					
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	65-85-0	Benzoic acid	0.175	mg/kg	J	1	24000		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	100-51-6	Benzyl alcohol	0.0021	mg/kg	U	120	605		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00202	mg/kg	UJ	18	18		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00166	mg/kg	U	0.22	0.22		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.174	mg/kg		0.02	37		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.00842	mg/kg	U	298	298		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	85-68-7	Butyl benzylphthalate	0.0211	mg/kg	U	90	278		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	86-74-8	Carbazole	0.024	mg/kg		7.5	7.5		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	218-01-9	Chrysene	0.129	mg/kg		1.1	106		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.0254	mg/kg	J	0.1056	0.11		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	132-64-9	Dibenzofuran	0.00361	mg/kg	J	6.1	7.5		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	84-66-2	Diethyl phthalate	0.00381	mg/kg	U	100	4896		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	131-11-3	Dimethyl phthalate	0.00207	mg/kg	U	10	37		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	84-74-2	Di-n-butylphthalate	0.00192	mg/kg	UJ	0.011	605		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	117-84-0	Di-n-octylphthalate	0.00194	mg/kg	U	0.91	60		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	206-44-0	Fluoranthene	0.216	mg/kg		1.1	230		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	86-73-7	Fluorene	0.0105	mg/kg		29	230		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	118-74-1	Hexachlorobenzene	0.000558	mg/kg	U	0.075	0.075		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.000836	mg/kg	U	0.001	0.17		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	67-72-1	Hexachloroethane	0.00178	mg/kg	U	0.024	1.7		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0608	mg/kg	J	1.1	1.1		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	78-59-1	Isophorone	0.000531	mg/kg	U	547	547		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	98-95-3	Nitrobenzene	0.00317	mg/kg	U	2.2	4.9		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00322	mg/kg	U	0.0019	0.0019		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00141	mg/kg	U	0.075	0.075		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.000603	mg/kg	U	0.55	106		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	87-86-5	Pentachlorophenol	0.00205	mg/kg	U	0.96	1		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	85-01-8	Phenanthrene	0.115	mg/kg		29	1728		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	108-95-2	Phenol	0.000762	mg/kg	U	0.79	1824		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	8270C	129-00-0	Pyrene	0.217	mg/kg		1.1	173		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.151009	mg/kg					
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.932	mg/kg		1.1			
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.168	mg/kg		29			
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	NWTPH-Dx	TPH-D	Diesel Range Organics	5.03	mg/kg	U	260	1100		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	NWTPH-Dx	MOIL	Residual Range Organics	10	mg/kg	U	260	2800		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.37	mg/kg	U	120	1200		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.000774	mg/kg	U	1.8	1.8		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.00408	mg/kg	J	2.2	2.2		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000795	mg/kg	U	2.2	2.2		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	PSEP Butyltins	688-73-3	Tributyltin	0.000977	mg/kg	U	2.2	2.2		
HA2	723643.552	7834037.603	11/22/2004	0.5 - 0.5	SO	N	041122SGA16SS	Tot_Aroclor_Calc	PCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.00576	mg/kg		0.0073	0.23		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6010	7429-90-5	Aluminum	3010	mg/kg		50	7392		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6010	7440-70-2	Calcium	1980	mg/kg					
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6010	7440-48-4	Cobalt	4.6	mg/kg		2.2	2.2		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6010	7439-89-6	Iron	22200	mg/kg	J	5280	5280		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6010	7439-95-4	Magnesium	1350	mg/kg					
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6010	7440-02-0	Nickel	10.9	mg/kg		38	134		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6010	7440-09-7	Potassium	273	mg/kg					
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6010	7440-23-5	Sodium	12.3	mg/kg	U				
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6010	7440-62-2	Vanadium	28.7	mg/kg		7.8	37		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6020	7440-36-0	Antimony	1.11	mg/kg		0.27	3		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6020	7440-38-2	Arsenic	4.97	mg/kg		0.43	0.43		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6020	7440-39-3	Barium	20.9	mg/kg		330	1440		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6020	7440-41-7	Beryllium	0.0587	mg/kg	J	15	15		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6020	7440-43-9	Cadmium	0.0561	mg/kg	J	0.36	0.68		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6020	7440-47-3	Chromium	16.1	mg/kg		0.29	0.29		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6020	7440-50-8	Copper	27.4	mg/kg		28	298		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6020	7439-92-1	Lead	3260	mg/kg		11	192		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6020	7439-96-5	Manganese	167	mg/kg		173	173		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6020	7782-49-2	Selenium	0.0781	mg/kg	U	0.52	37		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6020	7440-22-4	Silver	0.0571	mg/kg		4.2	37		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6020	7440-28-0	Thallium	0.0288	mg/kg	J	0.05	0.075		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	6020	7440-66-6	Zinc	72.1	mg/kg		46	2208		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	7471	7439-97-6	Mercury	0.0114	mg/kg	J	0.013	1.1		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8081A	72-54-8	4,4'-DDD	0.000223	mg/kg	U	0.021	2.2		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8081A	72-55-9	4,4'-DDE	0.000835	mg/kg	J	0.021	1.8		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8081A	50-29-3	4,4'-DDT	0.00983	mg/kg		0.021	1.8		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8081A	309-00-2	Aldrin	0.000113	mg/kg	U	0.000085	0.031		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8081A	319-84-6	alpha-BHC	0.000109	mg/kg	U	0.0096	0.083		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8081A	5103-71-9	alpha-Chlordane	0.000118	mg/kg	U	0.27	1.7		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8081A	319-85-7	beta-BHC	0.00378	mg/kg	U	0.0096	0.086		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8081A	319-86-8	delta-BHC	0.00303	mg/kg	J	0.0096	0.083		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8081A	60-57-1	Dieldrin	0.000266	mg/kg	U	0.0049	0.033		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8081A	959-98-8	Endosulfan I	0.000123	mg/kg	U	0.64	45		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8081A	33213-65-9	Endosulfan II	0.00199	mg/kg	J	0.64	45		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8081A	1031-07-8	Endosulfan sulfate	0.000523	mg/kg	U	0.64	36		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8081A	72-20-8	Endrin	0.000137	mg/kg	U	0.0014	1.8		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8081A	7421-93-4	Endrin aldehyde	0.000635	mg/kg	U	0.0014	1.8		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8081A	53494-70-5	Endrin ketone	0.000123	mg/kg	U	0.0014	1.8		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8081A	58-89-9	gamma-BHC (Lindane)	0.00968	mg/kg	J	0.0096	0.49		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8081A	5103-74-2	gamma-Chlordane	0.000132	mg/kg	U	0.27	1.7		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8081A	76-44-8	Heptachlor	0.000109	mg/kg	U	0.0016	0.11		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8081A	1024-57-3	Heptachlor epoxide	0.00015	mg/kg	U	0.00015	0.055		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8081A	72-43-5	Methoxychlor	0.000158	mg/kg	U	5.1	31		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8081A	8001-35-2	Toxaphene	0.0109	mg/kg	U	0.47	0.47		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8082	12674-11-2	Aroclor-1016	0.00323	mg/kg	U	0.041	0.1		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8082	11104-28-2	Aroclor-1221	0.00323	mg/kg	U	0.041	0.19		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8082	11141-16-5	Aroclor-1232	0.00323	mg/kg	U	0.041	0.16		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8082	53469-21-9	Aroclor-1242	0.00323	mg/kg	U	0.041	0.22		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8082	12672-29-6	Aroclor-1248	0.00323	mg/kg	U	0.041	0.22		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8082	11097-69-1	Aroclor-1254	0.00177	mg/kg	U	0.029	0.029		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8082	11096-82-5	Aroclor-1260	0.0261	mg/kg		0.041	0.23		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.000061	mg/kg	U	0.07	1.9		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	71-55-6	1,1,1-Trichloroethane	0.0000896	mg/kg	U	260	778		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.0000879	mg/kg	U	0.13	0.58		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	79-00-5	1,1,2-Trichloroethane	0.000124	mg/kg	U	0.14	0.14		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	75-34-3	1,1-Dichloroethane	0.0000788	mg/kg	U	3.5	3.5		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	75-35-4	1,1-Dichloroethene	0.000609	mg/kg	U	11	22		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	563-58-6	1,1-Dichloropropene	0.00125	mg/kg	U	0.001	1.7		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.000149	mg/kg	U	6	6		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	96-18-4	1,2,3-Trichloropropane	0.000104	mg/kg	U	0.0049	0.0049		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.000152	mg/kg	U	0.27	5.6		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.0000658	mg/kg	U	0.09	29		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.000186	mg/kg	UJ	0.0051	0.0051		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0000793	mg/kg	U	0.035	0.035		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	95-50-1	1,2-Dichlorobenzene	0.0000793	mg/kg	U	0.92	173		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	107-06-2	1,2-Dichloroethane	0.000121	mg/kg	U	0.44	0.44		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	78-87-5	1,2-Dichloropropane	0.000059	mg/kg	U	0.28	1.5		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000125	mg/kg	J	0.16	26		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	541-73-1	1,3-Dichlorobenzene	0.0000538	mg/kg	U	0.74	2.5		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	142-28-9	1,3-Dichloropropane	0.0000836	mg/kg	U	0.28	154		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	106-46-7	1,4-Dichlorobenzene	0.000076	mg/kg	U	0.89	2.5		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	594-20-7	2,2-Dichloropropane	0.000105	mg/kg	U	0.28	1.5		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	95-49-8	2-Chlorotoluene	0.0000676	mg/kg	U	154	154		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	591-78-6	2-Hexanone	0.0017	mg/kg	U	0.36	19		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	106-43-4	4-Chlorotoluene	0.000129	mg/kg	U	154	154		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	67-64-1	Acetone	0.389	mg/kg	U	1.2	6720		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	71-43-2	Benzene	0.00156	mg/kg	U	1.2	1.2		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	108-86-1	Bromobenzene	0.0000619	mg/kg	U	28	28		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	74-97-5	Bromochloromethane	0.0000715	mg/kg	U	3.4	3.4		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	75-27-4	Bromodichloromethane	0.0000964	mg/kg	U	0.28	0.28		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	75-25-2	Bromoform	0.0000966	mg/kg	UJ	0.07	18		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	74-83-9	Bromomethane	0.000548	mg/kg	U	0.002	0.65		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	75-15-0	Carbon disulfide	0.000431	mg/kg	U	0.81	74		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	56-23-5	Carbon tetrachloride	0.000131	mg/kg	U	0.62	0.62		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	108-90-7	Chlorobenzene	0.0000693	mg/kg	U	2.4	27		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	75-00-3	Chloroethane	0.000894	mg/kg	U	518	518		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	67-66-3	Chloroform	0.000083	mg/kg	U	0.31	0.31		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	74-87-3	Chloromethane	0.000546	mg/kg	U	11	11		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.00014	mg/kg	U	6	6		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000057	mg/kg	U	0.001	1.7		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	124-48-1	Dibromochloromethane	0.000101	mg/kg	U	3.7	3.7		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	74-95-3	Dibromomethane	0.000101	mg/kg	U	2.304	2.3		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	75-71-8	Dichlorodifluoromethane	0.0000638	mg/kg	U	8.4	8.4		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	100-41-4	Ethylbenzene	0.00156	mg/kg	U	0.27	5.6		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	87-68-3	Hexachlorobutadiene	0.0000914	mg/kg	U	0.009	1.2		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	98-82-8	Isopropylbenzene	0.0000582	mg/kg	U	0.04	182		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	179601-23-1	m,p-Xylene	0.00312	mg/kg	U	1.4	53		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	78-93-3	MEK (2-Butanone)	0.0198	mg/kg	U	350	2592		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	75-09-2	Methylene chloride	0.00246	mg/kg	U	2.6	34		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.000989	mg/kg	U	9.7	3168		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	104-51-8	n-Butylbenzene	0.000144	mg/kg	U	374	374		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	103-65-1	n-Propylbenzene	0.0000732	mg/kg	U	365	365		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	95-47-6	o-Xylene	0.00156	mg/kg	U	1.4	61		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	99-87-6	p-Cymene	0.000196	mg/kg	J	0.18	182		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	135-98-8	sec-Butylbenzene	0.0000609	mg/kg	U	749	749		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	100-42-5	Styrene	0.00156	mg/kg	U	1.2	576		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	98-06-6	tert-Butylbenzene	0.0000376	mg/kg	U	749	749		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	127-18-4	Tetrachloroethene	0.000158	mg/kg	U	0.18	7.8		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	108-88-3	Toluene	0.00156	mg/kg	U	23	470		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.00039	mg/kg	U	6.7	6.7		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0000707	mg/kg	U	0.001	1.7		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	79-01-6	Trichloroethene	0.0000655	mg/kg	J	0.39	0.39		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	75-69-4	Trichlorofluoromethane	0.000546	mg/kg	U	52	2208		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	108-05-4	Vinyl acetate	0.00158	mg/kg	U	87	87		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8260B	75-01-4	Vinyl chloride	0.00029	mg/kg	U	0.057	0.057		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.00875	mg/kg	U	4	605		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.00892	mg/kg	U	6	6		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	120-83-2	2,4-Dichlorophenol	0.01	mg/kg	U	0.05	18		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	105-67-9	2,4-Dimethylphenol	0.00862	mg/kg	U	0.04	125		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	51-28-5	2,4-Dinitrophenol	0.0788	mg/kg	U	0.061	12		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	121-14-2	2,4-Dinitrotoluene	0.0192	mg/kg	UJ	1.6	1.6		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	606-20-2	2,6-Dinitrotoluene	0.0121	mg/kg	U	0.3456	0.35		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	91-58-7	2-Chloronaphthalene	0.00761	mg/kg	U	461	461		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	95-57-8	2-Chlorophenol	0.00759	mg/kg	U	0.39	37		

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HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	91-57-6	2-Methylnaphthalene	0.0318	mg/kg		23	23		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	95-48-7	2-Methylphenol	0.0106	mg/kg	U	0.67	307		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	88-74-4	2-Nitroaniline	0.00612	mg/kg	U	5.3	60		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	88-75-5	2-Nitrophenol	0.0128	mg/kg	U	5.1	1824		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.0489	mg/kg	U	0.03	1.2		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	99-09-2	3-Nitroaniline	0.033	mg/kg	U	0.02	60		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.0203	mg/kg	U	0.49	0.49		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0207	mg/kg	U				
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.0101	mg/kg	UJ	605	605		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	106-47-8	4-Chloroaniline	0.0105	mg/kg	U	1	2.6		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.0242	mg/kg	U				
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	106-44-5	4-Methylphenol	0.0133	mg/kg	U	0.08	125		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	100-01-6	4-Nitroaniline	0.0462	mg/kg	UJ	0.02	24		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	100-02-7	4-Nitrophenol	0.0923	mg/kg	UJ	5.1	1824		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	83-32-9	Acenaphthene	0.296	mg/kg		29	346		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	208-96-8	Acenaphthylene	0.0547	mg/kg		1.9	1.9		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	62-53-3	Aniline	0.0207	mg/kg	U	42	42		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	120-12-7	Anthracene	0.832	mg/kg		29	1728		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	92-87-5	Benzidine	0.0318	mg/kg	U	0.00051	0.00051		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	56-55-3	Benzo(a)anthracene	6.44	mg/kg		1.1	1.1		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	50-32-8	Benzo(a)pyrene	6.47	mg/kg		0.11	0.11		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	191-24-2	Benzo(g,h,i)perylene	3.83	mg/kg		1.1	173		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	56832-73-6	Benzofluoranthenes, Total	12.1	mg/kg					
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	65-85-0	Benzoic acid	0.18	mg/kg	U	1	24000		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	100-51-6	Benzyl alcohol	0.0224	mg/kg	U	120	605		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0216	mg/kg	U	18	18		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0177	mg/kg	U	0.22	0.22		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	2.22	mg/kg	J	0.02	37		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0901	mg/kg	U	298	298		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	85-68-7	Butyl benzylphthalate	0.0241	mg/kg	U	90	278		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	86-74-8	Carbazole	0.524	mg/kg		7.5	7.5		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	218-01-9	Chrysene	7.59	mg/kg		1.1	106		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	53-70-3	Dibenzo(a,h)anthracene	1.43	mg/kg		0.1056	0.11		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	132-64-9	Dibenzofuran	0.0766	mg/kg		6.1	7.5		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	84-66-2	Diethyl phthalate	0.0407	mg/kg	U	100	4896		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	131-11-3	Dimethyl phthalate	0.0221	mg/kg	U	10	37		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	84-74-2	Di-n-butylphthalate	0.0737	mg/kg	J	0.011	605		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	117-84-0	Di-n-octylphthalate	0.0207	mg/kg	U	0.91	60		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	206-44-0	Fluoranthene	20.7	mg/kg		1.1	230		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	86-73-7	Fluorene	0.278	mg/kg		29	230		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	118-74-1	Hexachlorobenzene	0.00596	mg/kg	U	0.075	0.075		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.00894	mg/kg	U	0.001	0.17		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	67-72-1	Hexachloroethane	0.019	mg/kg	U	0.024	1.7		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	3.91	mg/kg		1.1	1.1		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	78-59-1	Isophorone	0.00568	mg/kg	U	547	547		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	91-20-3	Naphthalene	0.0782	mg/kg		1.9	1.9		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	98-95-3	Nitrobenzene	0.0339	mg/kg	U	2.2	4.9		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	62-75-9	N-Nitrosodimethylamine	0.0344	mg/kg	U	0.0019	0.0019		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0151	mg/kg	U	0.075	0.075		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.00645	mg/kg	U	0.55	106		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	87-86-5	Pentachlorophenol	0.0219	mg/kg	UJ	0.96	1		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	85-01-8	Phenanthrene	3.25	mg/kg		29	1728		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	108-95-2	Phenol	0.00815	mg/kg	U	0.79	1824		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	8270C	129-00-0	Pyrene	21.9	mg/kg		1.1	173		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	8.94259	mg/kg					
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	72.27	mg/kg		1.1			
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	4.789	mg/kg		29			
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	NWTPH-Dx	TPH-D	Diesel Range Organics	1090	mg/kg	J	260	1100		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	NWTPH-Dx	MOIL	Residual Range Organics	1980	mg/kg	J	260	2800		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.55	mg/kg	U	120	1200		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.00353	mg/kg	J	1.8	1.8		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.0049	mg/kg	J	2.2	2.2		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000842	mg/kg	U	2.2	2.2		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	PSEP Butyltins	688-73-3	Tributyltin	0.00165	mg/kg	J	2.2	2.2		
HA3	723614.921	7834181.361	11/22/2004	0.5 - 0.5	SO	N	041122SGA17SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0279	mg/kg		0.0073	0.23		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	6010	7429-90-5	Aluminum	15300	mg/kg		50	7392		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	6010	7440-70-2	Calcium	7030	mg/kg					
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	6010	7440-48-4	Cobalt	14.2	mg/kg		2.2	2.2		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	6010	7439-89-6	Iron	26700	mg/kg		5280	5280		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	6010	7439-95-4	Magnesium	8760	mg/kg					
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	6010	7440-02-0	Nickel	50.7	mg/kg		38	134		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	6010	7440-09-7	Potassium	576	mg/kg					
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	6010	7440-23-5	Sodium	371	mg/kg					
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	6010	7440-62-2	Vanadium	71	mg/kg		7.8	37		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	6020	7440-36-0	Antimony	0.495	mg/kg		0.27	3		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	6020	7440-38-2	Arsenic	2.3	mg/kg		0.43	0.43		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	6020	7440-39-3	Barium	106	mg/kg		330	1440		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	6020	7440-41-7	Beryllium	0.387	mg/kg		15	15		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	6020	7440-43-9	Cadmium	0.0143	mg/kg	U	0.36	0.68		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	6020	7440-47-3	Chromium	35.4	mg/kg		0.29	0.29		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	6020	7440-50-8	Copper	63.6	mg/kg		28	298		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	6020	7439-92-1	Lead	19.2	mg/kg		11	192		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	6020	7439-96-5	Manganese	366	mg/kg		173	173		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	6020	7782-49-2	Selenium	0.299	mg/kg		0.52	37		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	6020	7440-22-4	Silver	0.11	mg/kg		4.2	37		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	6020	7440-28-0	Thallium	0.164	mg/kg	J	0.05	0.075		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	6020	7440-66-6	Zinc	56	mg/kg		46	2208		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	7471	7439-97-6	Mercury	0.0804	mg/kg		0.013	1.1		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0000553	mg/kg	U	0.07	1.9		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	71-55-6	1,1,1-Trichloroethane	0.0000812	mg/kg	U	260	778		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.0000797	mg/kg	U	0.13	0.58		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	79-00-5	1,1,2-Trichloroethane	0.000112	mg/kg	U	0.14	0.14		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	75-34-3	1,1-Dichloroethane	0.0000715	mg/kg	U	3.5	3.5		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	75-35-4	1,1-Dichloroethene	0.000552	mg/kg	U	11	22		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	563-58-6	1,1-Dichloropropene	0.00113	mg/kg	U	0.001	1.7		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.000135	mg/kg	U	6	6		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	96-18-4	1,2,3-Trichloropropane	0.0000946	mg/kg	U	0.0049	0.0049		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.000137	mg/kg	U	0.27	5.6		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	95-63-6	1,2,4-Trimethylbenzene	14.3	mg/kg		0.09	29		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.000168	mg/kg	UJ	0.0051	0.0051		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0000719	mg/kg	U	0.035	0.035		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	95-50-1	1,2-Dichlorobenzene	0.0000719	mg/kg	U	0.92	173		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	107-06-2	1,2-Dichloroethane	0.00011	mg/kg	U	0.44	0.44		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	78-87-5	1,2-Dichloropropane	0.0000535	mg/kg	U	0.28	1.5		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.219	mg/kg		0.16	26		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	541-73-1	1,3-Dichlorobenzene	0.0000488	mg/kg	U	0.74	2.5		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	142-28-9	1,3-Dichloropropane	0.0000759	mg/kg	U	0.28	154		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	106-46-7	1,4-Dichlorobenzene	0.0000689	mg/kg	U	0.89	2.5		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	594-20-7	2,2-Dichloropropane	0.0000954	mg/kg	U	0.28	1.5		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	95-49-8	2-Chlorotoluene	0.0000613	mg/kg	U	154	154		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	591-78-6	2-Hexanone	0.00154	mg/kg	U	0.36	19		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	106-43-4	4-Chlorotoluene	0.000117	mg/kg	U	154	154		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	67-64-1	Acetone	0.146	mg/kg	U	1.2	6720		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	71-43-2	Benzene	0.00142	mg/kg	U	1.2	1.2		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	108-86-1	Bromobenzene	0.0000562	mg/kg	U	28	28		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	74-97-5	Bromochloromethane	0.0000648	mg/kg	U	3.4	3.4		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	75-27-4	Bromodichloromethane	0.0000875	mg/kg	U	0.28	0.28		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	75-25-2	Bromoform	0.0000876	mg/kg	UJ	0.07	18		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	74-83-9	Bromomethane	0.00142	mg/kg	U	0.002	0.65		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	75-15-0	Carbon disulfide	0.00142	mg/kg	U	0.81	74		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	56-23-5	Carbon tetrachloride	0.000119	mg/kg	U	0.62	0.62		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	108-90-7	Chlorobenzene	0.0000628	mg/kg	U	2.4	27		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	75-00-3	Chloroethane	0.000811	mg/kg	U	518	518		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	67-66-3	Chloroform	0.0000753	mg/kg	U	0.31	0.31		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	74-87-3	Chloromethane	0.000495	mg/kg	U	11	11		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.12	mg/kg		6	6		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0000517	mg/kg	U	0.001	1.7		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	124-48-1	Dibromochloromethane	0.0000913	mg/kg	U	3.7	3.7		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	74-95-3	Dibromomethane	0.0000917	mg/kg	U	2.304	2.3		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	75-71-8	Dichlorodifluoromethane	0.0000579	mg/kg	U	8.4	8.4		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	100-41-4	Ethylbenzene	0.0374	mg/kg		0.27	5.6		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	87-68-3	Hexachlorobutadiene	0.0000829	mg/kg	U	0.009	1.2		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	98-82-8	Isopropylbenzene	0.0473	mg/kg		0.04	182		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	179601-23-1	m,p-Xylene	0.04	mg/kg		1.4	53		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	78-93-3	MEK (2-Butanone)	0.00259	mg/kg	U	350	2592		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	75-09-2	Methylene chloride	0.00637	mg/kg	U	2.6	34		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.000897	mg/kg	U	9.7	3168		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	91-20-3	Naphthalene	0.0195	mg/kg		1.9	1.9		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	104-51-8	n-Butylbenzene	0.000131	mg/kg	U	374	374		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	103-65-1	n-Propylbenzene	0.122	mg/kg		365	365		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	95-47-6	o-Xylene	0.0571	mg/kg		1.4	61		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	99-87-6	p-Cymene	0.161	mg/kg		0.18	182		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	135-98-8	sec-Butylbenzene	0.0902	mg/kg		749	749		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	100-42-5	Styrene	0.000034	mg/kg	U	1.2	576		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	98-06-6	tert-Butylbenzene	0.0000341	mg/kg	U	749	749		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	127-18-4	Tetrachloroethene	9.41	mg/kg		0.18	7.8		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	108-88-3	Toluene	0.00478	mg/kg		23	470		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.00228	mg/kg		6.7	6.7		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0000641	mg/kg	U	0.001	1.7		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	79-01-6	Trichloroethene	6.08	mg/kg		0.39	0.39		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	75-69-4	Trichlorofluoromethane	0.000495	mg/kg	U	52	2208		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	108-05-4	Vinyl acetate	0.00143	mg/kg	U	87	87		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8260B	75-01-4	Vinyl chloride	0.000263	mg/kg	U	0.057	0.057		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.000981	mg/kg	U	4	605		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.001	mg/kg	U	6	6		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	120-83-2	2,4-Dichlorophenol	0.00112	mg/kg	U	0.05	18		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	105-67-9	2,4-Dimethylphenol	0.000967	mg/kg	U	0.04	125		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	51-28-5	2,4-Dinitrophenol	0.00884	mg/kg	U	0.061	12		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00215	mg/kg	U	1.6	1.6		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00135	mg/kg	U	0.3456	0.35		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	91-58-7	2-Chloronaphthalene	0.000853	mg/kg	U	461	461		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	95-57-8	2-Chlorophenol	0.000851	mg/kg	U	0.39	37		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	91-57-6	2-Methylnaphthalene	0.000657	mg/kg	U	23	23		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	95-48-7	2-Methylphenol	0.00119	mg/kg	U	0.67	307		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	88-74-4	2-Nitroaniline	0.000687	mg/kg	U	5.3	60		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	88-75-5	2-Nitrophenol	0.00144	mg/kg	U	5.1	1824		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00549	mg/kg	U	0.03	1.2		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	99-09-2	3-Nitroaniline	0.0037	mg/kg	U	0.02	60		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00228	mg/kg	U	0.49	0.49		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00233	mg/kg	U				
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.00113	mg/kg	U	605	605		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	106-47-8	4-Chloroaniline	0.00118	mg/kg	U	1	2.6		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00272	mg/kg	U				
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	106-44-5	4-Methylphenol	0.00149	mg/kg	U	0.08	125		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	100-01-6	4-Nitroaniline	0.00518	mg/kg	U	0.02	24		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	100-02-7	4-Nitrophenol	0.0104	mg/kg	U	5.1	1824		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	83-32-9	Acenaphthene	0.328	mg/kg		29	346		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	208-96-8	Acenaphthylene	0.00914	mg/kg		1.9	1.9		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	62-53-3	Aniline	0.00233	mg/kg	U	42	42		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	120-12-7	Anthracene	0.447	mg/kg		29	1728		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	92-87-5	Benzidine	0.00357	mg/kg	U	0.00051	0.00051		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	56-55-3	Benzo(a)anthracene	2.03	mg/kg		1.1	1.1		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	50-32-8	Benzo(a)pyrene	1.97	mg/kg		0.11	0.11		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.914	mg/kg		1.1	173		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	56832-73-6	Benzofluoranthenes, Total	3.04	mg/kg					
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	65-85-0	Benzoic acid	0.0202	mg/kg	U	1	24000		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	100-51-6	Benzyl alcohol	0.00252	mg/kg	U	120	605		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00243	mg/kg	U	18	18		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00199	mg/kg	U	0.22	0.22		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	19.8	mg/kg		0.02	37		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0101	mg/kg	U	298	298		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	85-68-7	Butyl benzylphthalate	0.0317	mg/kg	J	90	278		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	86-74-8	Carbazole	0.00252	mg/kg	U	7.5	7.5		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	218-01-9	Chrysene	1.91	mg/kg		1.1	106		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.347	mg/kg		0.1056	0.11		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	132-64-9	Dibenzofuran	0.123	mg/kg		6.1	7.5		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	84-66-2	Diethyl phthalate	0.00456	mg/kg	U	100	4896		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	131-11-3	Dimethyl phthalate	0.00248	mg/kg	U	10	37		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	84-74-2	Di-n-butylphthalate	0.0239	mg/kg		0.011	605		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	117-84-0	Di-n-octylphthalate	0.00233	mg/kg	U	0.91	60		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	206-44-0	Fluoranthene	4.33	mg/kg		1.1	230		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	86-73-7	Fluorene	0.164	mg/kg		29	230		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	118-74-1	Hexachlorobenzene	0.000669	mg/kg	U	0.075	0.075		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.001	mg/kg	U	0.001	0.17		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	67-72-1	Hexachloroethane	0.00214	mg/kg	U	0.024	1.7		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.939	mg/kg		1.1	1.1		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	78-59-1	Isophorone	0.000637	mg/kg	U	547	547		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	98-95-3	Nitrobenzene	0.00381	mg/kg	U	2.2	4.9		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00386	mg/kg	U	0.0019	0.0019		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00169	mg/kg	U	0.075	0.075		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.000723	mg/kg	U	0.55	106		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	87-86-5	Pentachlorophenol	0.00245	mg/kg	U	0.96	1		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	85-01-8	Phenanthrene	1.58	mg/kg		29	1728		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	108-95-2	Phenol	0.000914	mg/kg	U	0.79	1824		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	8270C	129-00-0	Pyrene	5.47	mg/kg	J	1.1	173		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	2.61581	mg/kg					
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	17.91	mg/kg		1.1			
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	2.529	mg/kg		29			
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	NWTPH-Dx	TPH-D	Diesel Range Organics	1280	mg/kg		260	1100		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	NWTPH-Dx	MOIL	Residual Range Organics	189	mg/kg		260	2800		
HA4	723413.986	7834115.854	11/22/2004	3 - 3	SO	N	041122SGA21SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	3960	mg/kg	J	120	1200		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	6010	7429-90-5	Aluminum	12400	mg/kg		50	7392		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	6010	7440-70-2	Calcium	6040	mg/kg					
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	6010	7440-48-4	Cobalt	11.7	mg/kg		2.2	2.2		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	6010	7439-89-6	Iron	24700	mg/kg		5280	5280		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	6010	7439-95-4	Magnesium	6610	mg/kg					
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	6010	7440-02-0	Nickel	17.3	mg/kg		38	134		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	6010	7440-09-7	Potassium	1200	mg/kg					
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	6010	7440-23-5	Sodium	14.6	mg/kg	U				
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	6010	7440-62-2	Vanadium	59.4	mg/kg		7.8	37		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	6020	7440-36-0	Antimony	0.319	mg/kg		0.27	3		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	6020	7440-38-2	Arsenic	4.99	mg/kg		0.43	0.43		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	6020	7440-39-3	Barium	110	mg/kg		330	1440		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	6020	7440-41-7	Beryllium	0.433	mg/kg		15	15		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	6020	7440-43-9	Cadmium	0.0153	mg/kg	U	0.36	0.68		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	6020	7440-47-3	Chromium	21.1	mg/kg		0.29	0.29		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	6020	7440-50-8	Copper	40.2	mg/kg		28	298		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	6020	7439-92-1	Lead	9.39	mg/kg		11	192		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	6020	7439-96-5	Manganese	317	mg/kg		173	173		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	6020	7782-49-2	Selenium	0.209	mg/kg	J	0.52	37		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	6020	7440-22-4	Silver	0.147	mg/kg		4.2	37		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	6020	7440-28-0	Thallium	0.125	mg/kg	J	0.05	0.075		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	6020	7440-66-6	Zinc	59	mg/kg		46	2208		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	7471	7439-97-6	Mercury	0.0349	mg/kg		0.013	1.1		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0000957	mg/kg	U	0.07	1.9		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	71-55-6	1,1,1-Trichloroethane	0.00014	mg/kg	U	260	778		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000138	mg/kg	U	0.13	0.58		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	79-00-5	1,1,2-Trichloroethane	0.000194	mg/kg	U	0.14	0.14		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	75-34-3	1,1-Dichloroethane	0.000124	mg/kg	U	3.5	3.5		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	75-35-4	1,1-Dichloroethene	0.000954	mg/kg	U	11	22		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	563-58-6	1,1-Dichloropropene	0.00195	mg/kg	U	0.001	1.7		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.000233	mg/kg	U	6	6		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	96-18-4	1,2,3-Trichloropropane	0.000163	mg/kg	U	0.0049	0.0049		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.000238	mg/kg	U	0.27	5.6		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00396	mg/kg		0.09	29		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.000291	mg/kg	UJ	0.0051	0.0051		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.000124	mg/kg	U	0.035	0.035		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	95-50-1	1,2-Dichlorobenzene	0.000124	mg/kg	U	0.92	173		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	107-06-2	1,2-Dichloroethane	0.00019	mg/kg	U	0.44	0.44		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	78-87-5	1,2-Dichloropropane	0.0000925	mg/kg	U	0.28	1.5		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.00183	mg/kg	J	0.16	26		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	541-73-1	1,3-Dichlorobenzene	0.0000844	mg/kg	U	0.74	2.5		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	142-28-9	1,3-Dichloropropane	0.000131	mg/kg	U	0.28	154		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	106-46-7	1,4-Dichlorobenzene	0.000119	mg/kg	U	0.89	2.5		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	594-20-7	2,2-Dichloropropane	0.000165	mg/kg	U	0.28	1.5		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	95-49-8	2-Chlorotoluene	0.000106	mg/kg	U	154	154		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	591-78-6	2-Hexanone	0.00267	mg/kg	U	0.36	19		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	106-43-4	4-Chlorotoluene	0.000203	mg/kg	U	154	154		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	67-64-1	Acetone	0.0655	mg/kg	U	1.2	6720		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	71-43-2	Benzene	0.0006	mg/kg	J	1.2	1.2		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	108-86-1	Bromobenzene	0.0000971	mg/kg	U	28	28		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	74-97-5	Bromochloromethane	0.000112	mg/kg	U	3.4	3.4		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	75-27-4	Bromodichloromethane	0.000151	mg/kg	U	0.28	0.28		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	75-25-2	Bromoform	0.000151	mg/kg	UJ	0.07	18		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	74-83-9	Bromomethane	0.000859	mg/kg	U	0.002	0.65		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	75-15-0	Carbon disulfide	0.000675	mg/kg	U	0.81	74		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	56-23-5	Carbon tetrachloride	0.000206	mg/kg	U	0.62	0.62		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	108-90-7	Chlorobenzene	0.000109	mg/kg	U	2.4	27		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	75-00-3	Chloroethane	0.0014	mg/kg	U	518	518		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	67-66-3	Chloroform	0.00013	mg/kg	U	0.31	0.31		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	74-87-3	Chloromethane	0.000856	mg/kg	U	11	11		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.00022	mg/kg	U	6	6		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0000893	mg/kg	U	0.001	1.7		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	124-48-1	Dibromochloromethane	0.000158	mg/kg	U	3.7	3.7		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	74-95-3	Dibromomethane	0.000159	mg/kg	U	2.304	2.3		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	75-71-8	Dichlorodifluoromethane	0.0001	mg/kg	U	8.4	8.4		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	100-41-4	Ethylbenzene	0.00245	mg/kg	U	0.27	5.6		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	87-68-3	Hexachlorobutadiene	0.000143	mg/kg	U	0.009	1.2		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	98-82-8	Isopropylbenzene	0.0000913	mg/kg	U	0.04	182		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	179601-23-1	m,p-Xylene	0.00489	mg/kg	U	1.4	53		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	78-93-3	MEK (2-Butanone)	0.00448	mg/kg	U	350	2592		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	75-09-2	Methylene chloride	0.00563	mg/kg	U	2.6	34		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00155	mg/kg	U	9.7	3168		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	104-51-8	n-Butylbenzene	0.000227	mg/kg	U	374	374		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	103-65-1	n-Propylbenzene	0.000409	mg/kg	J	365	365		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	95-47-6	o-Xylene	0.000197	mg/kg	J	1.4	61		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	99-87-6	p-Cymene	0.000912	mg/kg	J	0.18	182		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	135-98-8	sec-Butylbenzene	0.000435	mg/kg	J	749	749		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	100-42-5	Styrene	0.00245	mg/kg	U	1.2	576		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	98-06-6	tert-Butylbenzene	0.000059	mg/kg	U	749	749		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	127-18-4	Tetrachloroethene	0.00584	mg/kg		0.18	7.8		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	108-88-3	Toluene	0.00245	mg/kg	U	23	470		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.000612	mg/kg	U	6.7	6.7		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.000111	mg/kg	U	0.001	1.7		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	79-01-6	Trichloroethene	0.00135	mg/kg	J	0.39	0.39		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	75-69-4	Trichlorofluoromethane	0.000856	mg/kg	U	52	2208		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	108-05-4	Vinyl acetate	0.00247	mg/kg	U	87	87		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8260B	75-01-4	Vinyl chloride	0.000455	mg/kg	U	0.057	0.057		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.000971	mg/kg	U	4	605		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.00099	mg/kg	U	6	6		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	120-83-2	2,4-Dichlorophenol	0.00111	mg/kg	U	0.05	18		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	105-67-9	2,4-Dimethylphenol	0.000957	mg/kg	UJ	0.04	125		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	51-28-5	2,4-Dinitrophenol	0.00875	mg/kg	U	0.061	12		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00213	mg/kg	U	1.6	1.6		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00134	mg/kg	U	0.3456	0.35		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	91-58-7	2-Chloronaphthalene	0.000845	mg/kg	U	461	461		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	95-57-8	2-Chlorophenol	0.000842	mg/kg	U	0.39	37		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	91-57-6	2-Methylnaphthalene	0.000651	mg/kg	U	23	23		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	95-48-7	2-Methylphenol	0.00118	mg/kg	U	0.67	307		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	88-74-4	2-Nitroaniline	0.00068	mg/kg	U	5.3	60		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	88-75-5	2-Nitrophenol	0.00143	mg/kg	U	5.1	1824		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.00543	mg/kg	U	0.03	1.2		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	99-09-2	3-Nitroaniline	0.00367	mg/kg	U	0.02	60		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00225	mg/kg	U	0.49	0.49		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0023	mg/kg	U				
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.00112	mg/kg	U	605	605		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	106-47-8	4-Chloroaniline	0.00116	mg/kg	U	1	2.6		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00269	mg/kg	U				
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	106-44-5	4-Methylphenol	0.00148	mg/kg	U	0.08	125		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	100-01-6	4-Nitroaniline	0.00513	mg/kg	U	0.02	24		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	100-02-7	4-Nitrophenol	0.0103	mg/kg	U	5.1	1824		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	83-32-9	Acenaphthene	0.000642	mg/kg	U	29	346		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	208-96-8	Acenaphthylene	0.000737	mg/kg	U	1.9	1.9		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	62-53-3	Aniline	0.0023	mg/kg	U	42	42		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	120-12-7	Anthracene	0.000476	mg/kg	U	29	1728		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	92-87-5	Benzidine	0.00353	mg/kg	U	0.00051	0.00051		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	56-55-3	Benzo(a)anthracene	0.00126	mg/kg	U	1.1	1.1		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	50-32-8	Benzo(a)pyrene	0.000792	mg/kg	U	0.11	0.11		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.00433	mg/kg	J	1.1	173		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.0077	mg/kg					
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	65-85-0	Benzoic acid	0.02	mg/kg	U	1	24000		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	100-51-6	Benzyl alcohol	0.00249	mg/kg	U	120	605		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0024	mg/kg	UJ	18	18		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00197	mg/kg	U	0.22	0.22		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.127	mg/kg		0.02	37		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.01	mg/kg	U	298	298		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	85-68-7	Butyl benzylphthalate	0.00268	mg/kg	U	90	278		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	86-74-8	Carbazole	0.00249	mg/kg	U	7.5	7.5		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	218-01-9	Chrysene	0.000895	mg/kg	U	1.1	106		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.000777	mg/kg	U	0.1056	0.11		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	132-64-9	Dibenzofuran	0.000578	mg/kg	U	6.1	7.5		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	84-66-2	Diethyl phthalate	0.00452	mg/kg	U	100	4896		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	131-11-3	Dimethyl phthalate	0.00245	mg/kg	U	10	37		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	84-74-2	Di-n-butylphthalate	0.00228	mg/kg	UJ	0.011	605		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	117-84-0	Di-n-octylphthalate	0.0229	mg/kg	J	0.91	60		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	206-44-0	Fluoranthene	0.00629	mg/kg		1.1	230		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	86-73-7	Fluorene	0.000809	mg/kg	U	29	230		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	118-74-1	Hexachlorobenzene	0.000662	mg/kg	U	0.075	0.075		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.000993	mg/kg	U	0.001	0.17		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	67-72-1	Hexachloroethane	0.00212	mg/kg	U	0.024	1.7		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.00352	mg/kg	J	1.1	1.1		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	78-59-1	Isophorone	0.000631	mg/kg	U	547	547		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	91-20-3	Naphthalene	0.00204	mg/kg	J	1.9	1.9		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	98-95-3	Nitrobenzene	0.00377	mg/kg	U	2.2	4.9		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00382	mg/kg	U	0.0019	0.0019		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00168	mg/kg	U	0.075	0.075		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.000716	mg/kg	U	0.55	106		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	87-86-5	Pentachlorophenol	0.00243	mg/kg	U	0.96	1		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	85-01-8	Phenanthrene	0.00247	mg/kg	J	29	1728		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	108-95-2	Phenol	0.000905	mg/kg	U	0.79	1824		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	8270C	129-00-0	Pyrene	0.00914	mg/kg		1.1	173		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0056045	mg/kg	U				
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.0264	mg/kg		1.1			
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.00641	mg/kg		29			
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	NWTPH-Dx	TPH-D	Diesel Range Organics	6.44	mg/kg	J	260	1100		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	NWTPH-Dx	MOIL	Residual Range Organics	12.1	mg/kg	U	260	2800		
HA5	723425.515	7834110.597	11/22/2004	3 - 3	SO	N	041122SGA23SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	5	mg/kg	U	120	1200		
HA6	723537.805	7834110.181	11/22/2004	0 - 0	SO	N	041122SGA24SG	6020	7440-47-3	Chromium	2650	mg/kg		0.29	0.29		
HA6	723537.805	7834110.181	11/22/2004	0 - 0	SO	N	041122SGA24SG	6020	7439-92-1	Lead	117	mg/kg		11	192		
HA6	723537.805	7834110.181	11/22/2004	0 - 0	SO	N	041122SGA24SG	PSEP Butyltins	1002-53-5	Dibutyltin	0.00071	mg/kg	U	1.8	1.8		
HA6	723537.805	7834110.181	11/22/2004	0 - 0	SO	N	041122SGA24SG	PSEP Butyltins	78763-54-9	Monobutyltin	0.000506	mg/kg	U	2.2	2.2		
HA6	723537.805	7834110.181	11/22/2004	0 - 0	SO	N	041122SGA24SG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000729	mg/kg	U	2.2	2.2		
HA6	723537.805	7834110.181	11/22/2004	0 - 0	SO	N	041122SGA24SG	PSEP Butyltins	688-73-3	Tributyltin	0.000896	mg/kg	U	2.2	2.2		
HA7	723525.808	7834180.826	11/22/2004	0 - 0	SO	FD	041122SGA26SG	6020	7440-47-3	Chromium	2420	mg/kg		0.29	0.29		
HA7	723525.808	7834180.826	11/22/2004	0 - 0	SO	FD	041122SGA26SG	6020	7439-92-1	Lead	70.9	mg/kg		11	192		
HA7	723525.808	7834180.826	11/22/2004	0 - 0	SO	FD	041122SGA26SG	PSEP Butyltins	1002-53-5	Dibutyltin	0.00224	mg/kg	U	1.8	1.8		
HA7	723525.808	7834180.826	11/22/2004	0 - 0	SO	FD	041122SGA26SG	PSEP Butyltins	78763-54-9	Monobutyltin	0.0015	mg/kg	U	2.2	2.2		
HA7	723525.808	7834180.826	11/22/2004	0 - 0	SO	FD	041122SGA26SG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.00224	mg/kg	U	2.2	2.2		
HA7	723525.808	7834180.826	11/22/2004	0 - 0	SO	FD	041122SGA26SG	PSEP Butyltins	688-73-3	Tributyltin	0.00327	mg/kg	J	2.2	2.2		
HA7	723525.808	7834180.826	11/22/2004	0 - 0	SO	N	041122SGA25SG	6020	7440-47-3	Chromium	2190	mg/kg		0.29	0.29		
HA7	723525.808	7834180.826	11/22/2004	0 - 0	SO	N	041122SGA25SG	6020	7439-92-1	Lead	65.8	mg/kg		11	192		
HA7	723525.808	7834180.826	11/22/2004	0 - 0	SO	N	041122SGA25SG	PSEP Butyltins	1002-53-5	Dibutyltin	0.000813	mg/kg	U	1.8	1.8		
HA7	723525.808	7834180.826	11/22/2004	0 - 0	SO	N	041122SGA25SG	PSEP Butyltins	78763-54-9	Monobutyltin	0.000579	mg/kg	U	2.2	2.2		
HA7	723525.808	7834180.826	11/22/2004	0 - 0	SO	N	041122SGA25SG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000835	mg/kg	U	2.2	2.2		
HA7	723525.808	7834180.826	11/22/2004	0 - 0	SO	N	041122SGA25SG	PSEP Butyltins	688-73-3	Tributyltin	0.00179	mg/kg	J	2.2	2.2		
HA8	723522.38	7834197.583	11/22/2004	0 - 0	SO	N	041122SGA27SG	6020	7440-47-3	Chromium	2480	mg/kg		0.29	0.29		
HA8	723522.38	7834197.583	11/22/2004	0 - 0	SO	N	041122SGA27SG	6020	7439-92-1	Lead	66.6	mg/kg		11	192		
HA8	723522.38	7834197.583	11/22/2004	0 - 0	SO	N	041122SGA27SG	PSEP Butyltins	1002-53-5	Dibutyltin	0.000805	mg/kg	U	1.8	1.8		
HA8	723522.38	7834197.583	11/22/2004	0 - 0	SO	N	041122SGA27SG	PSEP Butyltins	78763-54-9	Monobutyltin	0.000573	mg/kg	U	2.2	2.2		
HA8	723522.38	7834197.583	11/22/2004	0 - 0	SO	N	041122SGA27SG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000826	mg/kg	U	2.2	2.2		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA8	723522.38	7834197.583	11/22/2004	0 - 0	SO	N	041122SGA27SG	PSEP Butyltins	688-73-3	Tributyltin	0.00102	mg/kg	U	2.2	2.2		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	6010	7429-90-5	Aluminum	8730	mg/kg		50	7392		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	6010	7440-70-2	Calcium	4960	mg/kg					
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	6010	7440-48-4	Cobalt	11.6	mg/kg		2.2	2.2		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	6010	7439-89-6	Iron	22700	mg/kg		5280	5280		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	6010	7439-95-4	Magnesium	6000	mg/kg					
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	6010	7440-02-0	Nickel	20.4	mg/kg		38	134		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	6010	7440-09-7	Potassium	433	mg/kg					
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	6010	7440-23-5	Sodium	11.7	mg/kg	U				
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	6010	7440-62-2	Vanadium	55.1	mg/kg		7.8	37		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	6020	7440-36-0	Antimony	0.441	mg/kg		0.27	3		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	6020	7440-38-2	Arsenic	3.85	mg/kg		0.43	0.43		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	6020	7440-39-3	Barium	86	mg/kg		330	1440		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	6020	7440-41-7	Beryllium	0.243	mg/kg	J	15	15		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	6020	7440-43-9	Cadmium	0.0122	mg/kg	U	0.36	0.68		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	6020	7440-47-3	Chromium	18.2	mg/kg		0.29	0.29		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	6020	7440-50-8	Copper	31	mg/kg		28	298		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	6020	7439-92-1	Lead	354	mg/kg		11	192		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	6020	7439-96-5	Manganese	345	mg/kg		173	173		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	6020	7782-49-2	Selenium	0.175	mg/kg	J	0.52	37		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	6020	7440-22-4	Silver	0.11	mg/kg		4.2	37		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	6020	7440-28-0	Thallium	0.0922	mg/kg	J	0.05	0.075		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	6020	7440-66-6	Zinc	86.7	mg/kg		46	2208		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	7471	7439-97-6	Mercury	0.0163	mg/kg	J	0.013	1.1		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8081A	72-54-8	4,4'-DDD	0.00022	mg/kg	U	0.021	2.2		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8081A	72-55-9	4,4'-DDE	0.0017	mg/kg	J	0.021	1.8		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8081A	50-29-3	4,4'-DDT	0.00339	mg/kg		0.021	1.8		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8081A	309-00-2	Aldrin	0.000111	mg/kg	U	0.000085	0.031		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8081A	319-84-6	alpha-BHC	0.000108	mg/kg	U	0.0096	0.083		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8081A	5103-71-9	alpha-Chlordane	0.000116	mg/kg	U	0.27	1.7		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8081A	319-85-7	beta-BHC	0.000952	mg/kg	J	0.0096	0.086		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8081A	319-86-8	delta-BHC	0.000108	mg/kg	U	0.0096	0.083		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8081A	60-57-1	Dieldrin	0.000262	mg/kg	U	0.0049	0.033		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8081A	959-98-8	Endosulfan I	0.000121	mg/kg	U	0.64	45		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8081A	33213-65-9	Endosulfan II	0.000275	mg/kg	U	0.64	45		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8081A	1031-07-8	Endosulfan sulfate	0.000515	mg/kg	U	0.64	36		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8081A	72-20-8	Endrin	0.000135	mg/kg	U	0.0014	1.8		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8081A	7421-93-4	Endrin aldehyde	0.000625	mg/kg	U	0.0014	1.8		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8081A	53494-70-5	Endrin ketone	0.000121	mg/kg	U	0.0014	1.8		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8081A	58-89-9	gamma-BHC (Lindane)	0.000129	mg/kg	U	0.0096	0.49		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8081A	5103-74-2	gamma-Chlordane	0.00013	mg/kg	U	0.27	1.7		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8081A	76-44-8	Heptachlor	0.000108	mg/kg	U	0.0016	0.11		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8081A	1024-57-3	Heptachlor epoxide	0.000148	mg/kg	U	0.00015	0.055		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8081A	72-43-5	Methoxychlor	0.000155	mg/kg	U	5.1	31		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8081A	8001-35-2	Toxaphene	0.0108	mg/kg	U	0.47	0.47		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8082	12674-11-2	Aroclor-1016	0.00315	mg/kg	U	0.041	0.1		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8082	11104-28-2	Aroclor-1221	0.00315	mg/kg	U	0.041	0.19		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8082	11141-16-5	Aroclor-1232	0.00315	mg/kg	U	0.041	0.16		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8082	53469-21-9	Aroclor-1242	0.00315	mg/kg	U	0.041	0.22		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8082	12672-29-6	Aroclor-1248	0.00315	mg/kg	U	0.041	0.22		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8082	11097-69-1	Aroclor-1254	0.00173	mg/kg	U	0.029	0.029		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8082	11096-82-5	Aroclor-1260	0.0119	mg/kg		0.041	0.23		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0000553	mg/kg	U	0.07	1.9		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	71-55-6	1,1,1-Trichloroethane	0.0000812	mg/kg	U	260	778		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.0000796	mg/kg	U	0.13	0.58		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	79-00-5	1,1,2-Trichloroethane	0.000112	mg/kg	U	0.14	0.14		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	75-34-3	1,1-Dichloroethane	0.0000714	mg/kg	U	3.5	3.5		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	75-35-4	1,1-Dichloroethene	0.000551	mg/kg	U	11	22		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	563-58-6	1,1-Dichloropropene	0.00113	mg/kg	U	0.001	1.7		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	87-61-6	1,2,3-Trichlorobenzene	0.000135	mg/kg	U	6	6		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	96-18-4	1,2,3-Trichloropropane	0.0000945	mg/kg	U	0.0049	0.0049		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	120-82-1	1,2,4-Trichlorobenzene	0.000137	mg/kg	U	0.27	5.6		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	95-63-6	1,2,4-Trimethylbenzene	0.000215	mg/kg	J	0.09	29		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.000168	mg/kg	UJ	0.0051	0.0051		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0000718	mg/kg	U	0.035	0.035		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	95-50-1	1,2-Dichlorobenzene	0.0000718	mg/kg	U	0.92	173		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	107-06-2	1,2-Dichloroethane	0.00011	mg/kg	U	0.44	0.44		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	78-87-5	1,2-Dichloropropane	0.0000535	mg/kg	U	0.28	1.5		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	108-67-8	1,3,5-Trimethylbenzene	0.0000539	mg/kg	U	0.16	26		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	541-73-1	1,3-Dichlorobenzene	0.0000488	mg/kg	U	0.74	2.5		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	142-28-9	1,3-Dichloropropane	0.0000758	mg/kg	U	0.28	154		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	106-46-7	1,4-Dichlorobenzene	0.0000689	mg/kg	U	0.89	2.5		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	594-20-7	2,2-Dichloropropane	0.0000953	mg/kg	U	0.28	1.5		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	95-49-8	2-Chlorotoluene	0.0000612	mg/kg	U	154	154		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	591-78-6	2-Hexanone	0.00154	mg/kg	U	0.36	19		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	106-43-4	4-Chlorotoluene	0.000117	mg/kg	U	154	154		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	67-64-1	Acetone	0.0891	mg/kg	U	1.2	6720		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	71-43-2	Benzene	0.00141	mg/kg	U	1.2	1.2		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	108-86-1	Bromobenzene	0.0000561	mg/kg	U	28	28		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	74-97-5	Bromochloromethane	0.0000648	mg/kg	U	3.4	3.4		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	75-27-4	Bromodichloromethane	0.0000874	mg/kg	U	0.28	0.28		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	75-25-2	Bromoform	0.0000875	mg/kg	UJ	0.07	18		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	74-83-9	Bromomethane	0.000496	mg/kg	U	0.002	0.65		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	75-15-0	Carbon disulfide	0.00039	mg/kg	U	0.81	74		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	56-23-5	Carbon tetrachloride	0.000119	mg/kg	U	0.62	0.62		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	108-90-7	Chlorobenzene	0.0000628	mg/kg	U	2.4	27		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	75-00-3	Chloroethane	0.00081	mg/kg	U	518	518		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	67-66-3	Chloroform	0.0000752	mg/kg	U	0.31	0.31		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	74-87-3	Chloromethane	0.000495	mg/kg	U	11	11		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	156-59-2	cis-1,2-Dichloroethene	0.000127	mg/kg	U	6	6		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0000516	mg/kg	U	0.001	1.7		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	124-48-1	Dibromochloromethane	0.0000912	mg/kg	U	3.7	3.7		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	74-95-3	Dibromomethane	0.0000916	mg/kg	U	2.304	2.3		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	75-71-8	Dichlorodifluoromethane	0.0000578	mg/kg	U	8.4	8.4		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	100-41-4	Ethylbenzene	0.00141	mg/kg	U	0.27	5.6		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	87-68-3	Hexachlorobutadiene	0.0000829	mg/kg	U	0.009	1.2		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	98-82-8	Isopropylbenzene	0.0000527	mg/kg	U	0.04	182		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	179601-23-1	m,p-Xylene	0.00283	mg/kg	U	1.4	53		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	78-93-3	MEK (2-Butanone)	0.00889	mg/kg	U	350	2592		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	75-09-2	Methylene chloride	0.00243	mg/kg	U	2.6	34		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.000896	mg/kg	U	9.7	3168		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	104-51-8	n-Butylbenzene	0.000131	mg/kg	U	374	374		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	103-65-1	n-Propylbenzene	0.0000663	mg/kg	U	365	365		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	95-47-6	o-Xylene	0.00141	mg/kg	U	1.4	61		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	99-87-6	p-Cymene	0.000253	mg/kg	J	0.18	182		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	135-98-8	sec-Butylbenzene	0.0000551	mg/kg	U	749	749		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	100-42-5	Styrene	0.00141	mg/kg	U	1.2	576		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	98-06-6	tert-Butylbenzene	0.0000341	mg/kg	U	749	749		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	127-18-4	Tetrachloroethene	0.000143	mg/kg	U	0.18	7.8		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	108-88-3	Toluene	0.00141	mg/kg	U	23	470		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	156-60-5	trans-1,2-Dichloroethene	0.000354	mg/kg	U	6.7	6.7		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0000641	mg/kg	U	0.001	1.7		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	79-01-6	Trichloroethene	0.0000614	mg/kg	J	0.39	0.39		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	75-69-4	Trichlorofluoromethane	0.000495	mg/kg	U	52	2208		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	108-05-4	Vinyl acetate	0.00143	mg/kg	U	87	87		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8260B	75-01-4	Vinyl chloride	0.000263	mg/kg	U	0.057	0.057		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	95-95-4	2,4,5-Trichlorophenol	0.000858	mg/kg	U	4	605		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	88-06-2	2,4,6-Trichlorophenol	0.000875	mg/kg	U	6	6		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	120-83-2	2,4-Dichlorophenol	0.000981	mg/kg	U	0.05	18		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	105-67-9	2,4-Dimethylphenol	0.000846	mg/kg	UJ	0.04	125		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	51-28-5	2,4-Dinitrophenol	0.00773	mg/kg	U	0.061	12		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	121-14-2	2,4-Dinitrotoluene	0.00188	mg/kg	U	1.6	1.6		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	606-20-2	2,6-Dinitrotoluene	0.00118	mg/kg	U	0.3456	0.35		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	91-58-7	2-Chloronaphthalene	0.000746	mg/kg	U	461	461		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	95-57-8	2-Chlorophenol	0.000744	mg/kg	U	0.39	37		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	91-57-6	2-Methylnaphthalene	0.00129	mg/kg	J	23	23		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	95-48-7	2-Methylphenol	0.00104	mg/kg	U	0.67	307		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	88-74-4	2-Nitroaniline	0.0006	mg/kg	U	5.3	60		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	88-75-5	2-Nitrophenol	0.00126	mg/kg	U	5.1	1824		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	91-94-1	3,3'-Dichlorobenzidine	0.0048	mg/kg	U	0.03	1.2		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	99-09-2	3-Nitroaniline	0.00324	mg/kg	U	0.02	60		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.00199	mg/kg	U	0.49	0.49		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	101-55-3	4-Bromophenyl phenyl ether	0.00203	mg/kg	U				
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	59-50-7	4-Chloro-3-methylphenol	0.000987	mg/kg	U	605	605		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	106-47-8	4-Chloroaniline	0.00103	mg/kg	U	1	2.6		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.00238	mg/kg	U				
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	106-44-5	4-Methylphenol	0.00246	mg/kg	J	0.08	125		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	100-01-6	4-Nitroaniline	0.00453	mg/kg	U	0.02	24		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	100-02-7	4-Nitrophenol	0.00905	mg/kg	U	5.1	1824		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	83-32-9	Acenaphthene	0.00541	mg/kg		29	346		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	208-96-8	Acenaphthylene	0.00139	mg/kg	J	1.9	1.9		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	62-53-3	Aniline	0.00203	mg/kg	U	42	42		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	120-12-7	Anthracene	0.00503	mg/kg		29	1728		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	92-87-5	Benzidine	0.00312	mg/kg	U	0.00051	0.00051		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	56-55-3	Benzo(a)anthracene	0.0623	mg/kg	J	1.1	1.1		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	50-32-8	Benzo(a)pyrene	0.0741	mg/kg		0.11	0.11		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	191-24-2	Benzo(g,h,i)perylene	0.0664	mg/kg	J	1.1	173		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	56832-73-6	Benzofluoranthenes, Total	0.135	mg/kg					
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	65-85-0	Benzoic acid	0.0177	mg/kg	U	1	24000		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	100-51-6	Benzyl alcohol	0.00781	mg/kg		120	605		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.00212	mg/kg	UJ	18	18		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	111-44-4	Bis (2-chloroethyl) ether	0.00174	mg/kg	U	0.22	0.22		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.22	mg/kg		0.02	37		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.00883	mg/kg	U	298	298		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	85-68-7	Butyl benzylphthalate	0.00237	mg/kg	U	90	278		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	86-74-8	Carbazole	0.00456	mg/kg	J	7.5	7.5		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	218-01-9	Chrysene	0.0753	mg/kg		1.1	106		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	53-70-3	Dibenzo(a,h)anthracene	0.0165	mg/kg	J	0.1056	0.11		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	132-64-9	Dibenzofuran	0.000996	mg/kg	J	6.1	7.5		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	84-66-2	Diethyl phthalate	0.00399	mg/kg	U	100	4896		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	131-11-3	Dimethyl phthalate	0.00217	mg/kg	U	10	37		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	84-74-2	Di-n-butylphthalate	0.0111	mg/kg	U	0.011	605		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	117-84-0	Di-n-octylphthalate	0.0161	mg/kg	J	0.91	60		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	206-44-0	Fluoranthene	0.0719	mg/kg		1.1	230		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	86-73-7	Fluorene	0.000714	mg/kg	U	29	230		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	118-74-1	Hexachlorobenzene	0.000585	mg/kg	U	0.075	0.075		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	77-47-4	Hexachlorocyclopentadiene	0.000877	mg/kg	U	0.001	0.17		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	67-72-1	Hexachloroethane	0.00187	mg/kg	U	0.024	1.7		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0498	mg/kg	J	1.1	1.1		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	78-59-1	Isophorone	0.000557	mg/kg	U	547	547		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	91-20-3	Naphthalene	0.00256	mg/kg		1.9	1.9		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	98-95-3	Nitrobenzene	0.00333	mg/kg	U	2.2	4.9		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	62-75-9	N-Nitrosodimethylamine	0.00337	mg/kg	U	0.0019	0.0019		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.00148	mg/kg	U	0.075	0.075		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	86-30-6	N-Nitrosodiphenylamine	0.000632	mg/kg	U	0.55	106		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	87-86-5	Pentachlorophenol	0.00214	mg/kg	U	0.96	1		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	85-01-8	Phenanthrene	0.0382	mg/kg		29	1728		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	108-95-2	Phenol	0.000799	mg/kg	U	0.79	1824		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	8270C	129-00-0	Pyrene	0.0793	mg/kg		1.1	173		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.1018853	mg/kg					
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.496	mg/kg		1.1			
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.053304	mg/kg		29			
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	NWTPH-Dx	TPH-D	Diesel Range Organics	5.02	mg/kg	U	260	1100		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	NWTPH-Dx	MOIL	Residual Range Organics	10	mg/kg	U	260	2800		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.42	mg/kg	U	120	1200		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.00393	mg/kg		1.8	1.8		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.00057	mg/kg	U	2.2	2.2		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000821	mg/kg	U	2.2	2.2		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	PSEP Butyltins	688-73-3	Tributyltin	0.00101	mg/kg	U	2.2	2.2		
HA9	723571.125	7834198.81	11/23/2004	0.5 - 0.5	SO	N	041123SGA28SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0136	mg/kg		0.0073	0.23		
L-01	723643.835	7834830.26	1/29/2009	0 - 1	SO	N	090129-L-L1-0-1So	8260B	95-47-6	o-Xylene	0.000095	mg/kg	U	1.4	61		
L-01	723643.835	7834830.26	1/29/2009	0 - 1	SO	N	090129-L-L1-0-1So	8260B	127-18-4	Tetrachloroethene	0.0029	mg/kg	J	0.18	7.8		
L-01	723643.835	7834830.26	1/29/2009	0 - 1	SO	N	090129-L-L1-0-1So	8260B	108-88-3	Toluene	0.0013	mg/kg	J	23	470		
L-01	723643.835	7834830.26	1/29/2009	0 - 1	SO	N	090129-L-L1-0-1So	8270C SIM	83-32-9	Acenaphthene	0.066	mg/kg		29	346		
L-01	723643.835	7834830.26	1/29/2009	0 - 1	SO	N	090129-L-L1-0-1So	8270C SIM	208-96-8	Acenaphthylene	0.0034	mg/kg		1.9	1.9		
L-01	723643.835	7834830.26	1/29/2009	0 - 1	SO	N	090129-L-L1-0-1So	8270C SIM	120-12-7	Anthracene	0.099	mg/kg		29	1728		
L-01	723643.835	7834830.26	1/29/2009	0 - 1	SO	N	090129-L-L1-0-1So	8270C SIM	56-55-3	Benzo(a)anthracene	0.69	mg/kg		1.1	1.1		
L-01	723643.835	7834830.26	1/29/2009	0 - 1	SO	N	090129-L-L1-0-1So	8270C SIM	50-32-8	Benzo(a)pyrene	0.82	mg/kg		0.11	0.11		
L-01	723643.835	7834830.26	1/29/2009	0 - 1	SO	N	090129-L-L1-0-1So	8270C SIM	205-99-2	Benzo(b)fluoranthene	0.99	mg/kg		1.1	1.1		
L-01	723643.835	7834830.26	1/29/2009	0 - 1	SO	N	090129-L-L1-0-1So	8270C SIM	191-24-2	Benzo(g,h,i)perylene	0.46	mg/kg		1.1	173		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
L-01	723643.835	7834830.26	1/29/2009	0 - 1	SO	N	090129-L-L1-0-1So	8270C SIM	207-08-9	Benzo(k)fluoranthene	0.31	mg/kg		1.1	11		
L-01	723643.835	7834830.26	1/29/2009	0 - 1	SO	N	090129-L-L1-0-1So	8270C SIM	218-01-9	Chrysene	0.79	mg/kg		1.1	106		
L-01	723643.835	7834830.26	1/29/2009	0 - 1	SO	N	090129-L-L1-0-1So	8270C SIM	53-70-3	Dibenzo(a,h)anthracene	0.13	mg/kg		0.1056	0.11		
L-01	723643.835	7834830.26	1/29/2009	0 - 1	SO	N	090129-L-L1-0-1So	8270C SIM	206-44-0	Fluoranthene	1.2	mg/kg		1.1	230		
L-01	723643.835	7834830.26	1/29/2009	0 - 1	SO	N	090129-L-L1-0-1So	8270C SIM	86-73-7	Fluorene	0.033	mg/kg		29	230		
L-01	723643.835	7834830.26	1/29/2009	0 - 1	SO	N	090129-L-L1-0-1So	8270C SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	0.62	mg/kg		1.1	1.1		
L-01	723643.835	7834830.26	1/29/2009	0 - 1	SO	N	090129-L-L1-0-1So	8270C SIM	91-20-3	Naphthalene	0.005	mg/kg		1.9	1.9		
L-01	723643.835	7834830.26	1/29/2009	0 - 1	SO	N	090129-L-L1-0-1So	8270C SIM	85-01-8	Phenanthrene	0.35	mg/kg		29	1728		
L-01	723643.835	7834830.26	1/29/2009	0 - 1	SO	N	090129-L-L1-0-1So	8270C SIM	129-00-0	Pyrene	1.2	mg/kg		1.1	173		
L-01	723643.835	7834830.26	1/29/2009	0 - 1	SO	N	090129-L-L1-0-1So	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	1.18389	mg/kg					
L-01	723643.835	7834830.26	1/29/2009	0 - 1	SO	N	090129-L-L1-0-1So	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	7.21	mg/kg		1.1			
L-01	723643.835	7834830.26	1/29/2009	0 - 1	SO	N	090129-L-L1-0-1So	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.556	mg/kg		29			
L-01	723643.835	7834830.26	1/29/2009	1 - 3	SO	N	090129-L-L1-1-3So	8260B	95-47-6	o-Xylene	0.000059	mg/kg	U	1.4	61		
L-01	723643.835	7834830.26	1/29/2009	1 - 3	SO	N	090129-L-L1-1-3So	8260B	127-18-4	Tetrachloroethene	0.025	mg/kg	J	0.18	7.8		
L-01	723643.835	7834830.26	1/29/2009	1 - 3	SO	N	090129-L-L1-1-3So	8260B	108-88-3	Toluene	0.0039	mg/kg	J	23	470		
L-01	723643.835	7834830.26	1/29/2009	1 - 3	SO	N	090129-L-L1-1-3So	8270C SIM	83-32-9	Acenaphthene	0.17	mg/kg		29	346		
L-01	723643.835	7834830.26	1/29/2009	1 - 3	SO	N	090129-L-L1-1-3So	8270C SIM	208-96-8	Acenaphthylene	0.012	mg/kg		1.9	1.9		
L-01	723643.835	7834830.26	1/29/2009	1 - 3	SO	N	090129-L-L1-1-3So	8270C SIM	120-12-7	Anthracene	0.4	mg/kg		29	1728		
L-01	723643.835	7834830.26	1/29/2009	1 - 3	SO	N	090129-L-L1-1-3So	8270C SIM	56-55-3	Benzo(a)anthracene	4.5	mg/kg		1.1	1.1		
L-01	723643.835	7834830.26	1/29/2009	1 - 3	SO	N	090129-L-L1-1-3So	8270C SIM	50-32-8	Benzo(a)pyrene	5.8	mg/kg		0.11	0.11		
L-01	723643.835	7834830.26	1/29/2009	1 - 3	SO	N	090129-L-L1-1-3So	8270C SIM	205-99-2	Benzo(b)fluoranthene	7.1	mg/kg		1.1	1.1		
L-01	723643.835	7834830.26	1/29/2009	1 - 3	SO	N	090129-L-L1-1-3So	8270C SIM	191-24-2	Benzo(g,h,i)perylene	3.3	mg/kg		1.1	173		
L-01	723643.835	7834830.26	1/29/2009	1 - 3	SO	N	090129-L-L1-1-3So	8270C SIM	207-08-9	Benzo(k)fluoranthene	2.4	mg/kg		1.1	11		
L-01	723643.835	7834830.26	1/29/2009	1 - 3	SO	N	090129-L-L1-1-3So	8270C SIM	218-01-9	Chrysene	5	mg/kg		1.1	106		
L-01	723643.835	7834830.26	1/29/2009	1 - 3	SO	N	090129-L-L1-1-3So	8270C SIM	53-70-3	Dibenzo(a,h)anthracene	0.97	mg/kg		0.1056	0.11		
L-01	723643.835	7834830.26	1/29/2009	1 - 3	SO	N	090129-L-L1-1-3So	8270C SIM	206-44-0	Fluoranthene	7.7	mg/kg		1.1	230		
L-01	723643.835	7834830.26	1/29/2009	1 - 3	SO	N	090129-L-L1-1-3So	8270C SIM	86-73-7	Fluorene	0.099	mg/kg		29	230		
L-01	723643.835	7834830.26	1/29/2009	1 - 3	SO	N	090129-L-L1-1-3So	8270C SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	4.5	mg/kg		1.1	1.1		
L-01	723643.835	7834830.26	1/29/2009	1 - 3	SO	N	090129-L-L1-1-3So	8270C SIM	91-20-3	Naphthalene	0.022	mg/kg		1.9	1.9		
L-01	723643.835	7834830.26	1/29/2009	1 - 3	SO	N	090129-L-L1-1-3So	8270C SIM	85-01-8	Phenanthrene	1.5	mg/kg		29	1728		
L-01	723643.835	7834830.26	1/29/2009	1 - 3	SO	N	090129-L-L1-1-3So	8270C SIM	129-00-0	Pyrene	7.5	mg/kg		1.1	173		
L-01	723643.835	7834830.26	1/29/2009	1 - 3	SO	N	090129-L-L1-1-3So	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	8.409	mg/kg					
L-01	723643.835	7834830.26	1/29/2009	1 - 3	SO	N	090129-L-L1-1-3So	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	48.77	mg/kg		1.1			
L-01	723643.835	7834830.26	1/29/2009	1 - 3	SO	N	090129-L-L1-1-3So	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	2.203	mg/kg		29			
L-02	723646.91	7834840.687	1/29/2009	0 - 1	SO	N	090129-L-L2-0-1So	8260B	95-47-6	o-Xylene	0.000059	mg/kg	U	1.4	61		
L-02	723646.91	7834840.687	1/29/2009	0 - 1	SO	N	090129-L-L2-0-1So	8260B	127-18-4	Tetrachloroethene	0.0015	mg/kg	J	0.18	7.8		
L-02	723646.91	7834840.687	1/29/2009	0 - 1	SO	N	090129-L-L2-0-1So	8260B	108-88-3	Toluene	0.00035	mg/kg	J	23	470		
L-02	723646.91	7834840.687	1/29/2009	0 - 1	SO	N	090129-L-L2-0-1So	8270C SIM	83-32-9	Acenaphthene	0.22	mg/kg		29	346		
L-02	723646.91	7834840.687	1/29/2009	0 - 1	SO	N	090129-L-L2-0-1So	8270C SIM	208-96-8	Acenaphthylene	0.015	mg/kg		1.9	1.9		
L-02	723646.91	7834840.687	1/29/2009	0 - 1	SO	N	090129-L-L2-0-1So	8270C SIM	120-12-7	Anthracene	0.65	mg/kg		29	1728		
L-02	723646.91	7834840.687	1/29/2009	0 - 1	SO	N	090129-L-L2-0-1So	8270C SIM	56-55-3	Benzo(a)anthracene	4.1	mg/kg		1.1	1.1		
L-02	723646.91	7834840.687	1/29/2009	0 - 1	SO	N	090129-L-L2-0-1So	8270C SIM	50-32-8	Benzo(a)pyrene	4.7	mg/kg		0.11	0.11		
L-02	723646.91	7834840.687	1/29/2009	0 - 1	SO	N	090129-L-L2-0-1So	8270C SIM	205-99-2	Benzo(b)fluoranthene	5.7	mg/kg		1.1	1.1		
L-02	723646.91	7834840.687	1/29/2009	0 - 1	SO	N	090129-L-L2-0-1So	8270C SIM	191-24-2	Benzo(g,h,i)perylene	2.5	mg/kg		1.1	173		
L-02	723646.91	7834840.687	1/29/2009	0 - 1	SO	N	090129-L-L2-0-1So	8270C SIM	207-08-9	Benzo(k)fluoranthene	2	mg/kg		1.1	11		
L-02	723646.91	7834840.687	1/29/2009	0 - 1	SO	N	090129-L-L2-0-1So	8270C SIM	218-01-9	Chrysene	4.9	mg/kg		1.1	106		
L-02	723646.91	7834840.687	1/29/2009	0 - 1	SO	N	090129-L-L2-0-1So	8270C SIM	53-70-3	Dibenzo(a,h)anthracene	0.71	mg/kg		0.1056	0.11		
L-02	723646.91	7834840.687	1/29/2009	0 - 1	SO	N	090129-L-L2-0-1So	8270C SIM	206-44-0	Fluoranthene	7	mg/kg		1.1	230		
L-02	723646.91	7834840.687	1/29/2009	0 - 1	SO	N	090129-L-L2-0-1So	8270C SIM	86-73-7	Fluorene	0.13	mg/kg		29	230		
L-02	723646.91	7834840.687	1/29/2009	0 - 1	SO	N	090129-L-L2-0-1So	8270C SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	3.5	mg/kg		1.1	1.1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
L-02	723646.91	7834840.687	1/29/2009	0 - 1	SO	N	090129-L-L2-0-1So	8270C SIM	91-20-3	Naphthalene	0.014	mg/kg		1.9	1.9		
L-02	723646.91	7834840.687	1/29/2009	0 - 1	SO	N	090129-L-L2-0-1So	8270C SIM	85-01-8	Phenanthrene	2	mg/kg		29	1728		
L-02	723646.91	7834840.687	1/29/2009	0 - 1	SO	N	090129-L-L2-0-1So	8270C SIM	129-00-0	Pyrene	6.7	mg/kg		1.1	173		
L-02	723646.91	7834840.687	1/29/2009	0 - 1	SO	N	090129-L-L2-0-1So	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	6.7649	mg/kg					
L-02	723646.91	7834840.687	1/29/2009	0 - 1	SO	N	090129-L-L2-0-1So	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	41.81	mg/kg		1.1			
L-02	723646.91	7834840.687	1/29/2009	0 - 1	SO	N	090129-L-L2-0-1So	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	3.029	mg/kg		29			
L-02	723646.91	7834840.687	1/29/2009	1 - 3	SO	N	090129-L-L2-1-3So	8260B	95-47-6	o-Xylene	0.000059	mg/kg	U	1.4	61		
L-02	723646.91	7834840.687	1/29/2009	1 - 3	SO	N	090129-L-L2-1-3So	8260B	127-18-4	Tetrachloroethene	0.019	mg/kg	J	0.18	7.8		
L-02	723646.91	7834840.687	1/29/2009	1 - 3	SO	N	090129-L-L2-1-3So	8260B	108-88-3	Toluene	0.0009	mg/kg	J	23	470		
L-02	723646.91	7834840.687	1/29/2009	1 - 3	SO	N	090129-L-L2-1-3So	8270C SIM	83-32-9	Acenaphthene	1.9	mg/kg		29	346		
L-02	723646.91	7834840.687	1/29/2009	1 - 3	SO	N	090129-L-L2-1-3So	8270C SIM	208-96-8	Acenaphthylene	0.041	mg/kg		1.9	1.9		
L-02	723646.91	7834840.687	1/29/2009	1 - 3	SO	N	090129-L-L2-1-3So	8270C SIM	120-12-7	Anthracene	2.1	mg/kg		29	1728		
L-02	723646.91	7834840.687	1/29/2009	1 - 3	SO	N	090129-L-L2-1-3So	8270C SIM	56-55-3	Benzo(a)anthracene	11	mg/kg		1.1	1.1		
L-02	723646.91	7834840.687	1/29/2009	1 - 3	SO	N	090129-L-L2-1-3So	8270C SIM	50-32-8	Benzo(a)pyrene	16	mg/kg		0.11	0.11		
L-02	723646.91	7834840.687	1/29/2009	1 - 3	SO	N	090129-L-L2-1-3So	8270C SIM	205-99-2	Benzo(b)fluoranthene	16	mg/kg		1.1	1.1		
L-02	723646.91	7834840.687	1/29/2009	1 - 3	SO	N	090129-L-L2-1-3So	8270C SIM	191-24-2	Benzo(g,h,i)perylene	9.5	mg/kg		1.1	173		
L-02	723646.91	7834840.687	1/29/2009	1 - 3	SO	N	090129-L-L2-1-3So	8270C SIM	207-08-9	Benzo(k)fluoranthene	5.9	mg/kg		1.1	11		
L-02	723646.91	7834840.687	1/29/2009	1 - 3	SO	N	090129-L-L2-1-3So	8270C SIM	218-01-9	Chrysene	14	mg/kg		1.1	106		
L-02	723646.91	7834840.687	1/29/2009	1 - 3	SO	N	090129-L-L2-1-3So	8270C SIM	53-70-3	Dibenzo(a,h)anthracene	2.3	mg/kg		0.1056	0.11		
L-02	723646.91	7834840.687	1/29/2009	1 - 3	SO	N	090129-L-L2-1-3So	8270C SIM	206-44-0	Fluoranthene	21	mg/kg		1.1	230		
L-02	723646.91	7834840.687	1/29/2009	1 - 3	SO	N	090129-L-L2-1-3So	8270C SIM	86-73-7	Fluorene	0.63	mg/kg		29	230		
L-02	723646.91	7834840.687	1/29/2009	1 - 3	SO	N	090129-L-L2-1-3So	8270C SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	13	mg/kg		1.1	1.1		
L-02	723646.91	7834840.687	1/29/2009	1 - 3	SO	N	090129-L-L2-1-3So	8270C SIM	91-20-3	Naphthalene	0.14	mg/kg		1.9	1.9		
L-02	723646.91	7834840.687	1/29/2009	1 - 3	SO	N	090129-L-L2-1-3So	8270C SIM	85-01-8	Phenanthrene	7.4	mg/kg		29	1728		
L-02	723646.91	7834840.687	1/29/2009	1 - 3	SO	N	090129-L-L2-1-3So	8270C SIM	129-00-0	Pyrene	21	mg/kg		1.1	173		
L-02	723646.91	7834840.687	1/29/2009	1 - 3	SO	N	090129-L-L2-1-3So	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	22.373	mg/kg					
L-02	723646.91	7834840.687	1/29/2009	1 - 3	SO	N	090129-L-L2-1-3So	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	129.7	mg/kg		1.1			
L-02	723646.91	7834840.687	1/29/2009	1 - 3	SO	N	090129-L-L2-1-3So	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	12.211	mg/kg		29			
L-03	723633.357	7834832.566	1/29/2009	0 - 1	SO	N	090129-L-L3-0-1So	8260B	95-47-6	o-Xylene	0.000059	mg/kg	U	1.4	61		
L-03	723633.357	7834832.566	1/29/2009	0 - 1	SO	N	090129-L-L3-0-1So	8260B	127-18-4	Tetrachloroethene	0.0059	mg/kg	J	0.18	7.8		
L-03	723633.357	7834832.566	1/29/2009	0 - 1	SO	N	090129-L-L3-0-1So	8260B	108-88-3	Toluene	0.00069	mg/kg	J	23	470		
L-03	723633.357	7834832.566	1/29/2009	0 - 1	SO	N	090129-L-L3-0-1So	8270C SIM	83-32-9	Acenaphthene	0.7	mg/kg		29	346		
L-03	723633.357	7834832.566	1/29/2009	0 - 1	SO	N	090129-L-L3-0-1So	8270C SIM	208-96-8	Acenaphthylene	0.013	mg/kg		1.9	1.9		
L-03	723633.357	7834832.566	1/29/2009	0 - 1	SO	N	090129-L-L3-0-1So	8270C SIM	120-12-7	Anthracene	0.88	mg/kg		29	1728		
L-03	723633.357	7834832.566	1/29/2009	0 - 1	SO	N	090129-L-L3-0-1So	8270C SIM	56-55-3	Benzo(a)anthracene	4.5	mg/kg		1.1	1.1		
L-03	723633.357	7834832.566	1/29/2009	0 - 1	SO	N	090129-L-L3-0-1So	8270C SIM	50-32-8	Benzo(a)pyrene	5.9	mg/kg		0.11	0.11		
L-03	723633.357	7834832.566	1/29/2009	0 - 1	SO	N	090129-L-L3-0-1So	8270C SIM	205-99-2	Benzo(b)fluoranthene	6.4	mg/kg		1.1	1.1		
L-03	723633.357	7834832.566	1/29/2009	0 - 1	SO	N	090129-L-L3-0-1So	8270C SIM	191-24-2	Benzo(g,h,i)perylene	3.3	mg/kg		1.1	173		
L-03	723633.357	7834832.566	1/29/2009	0 - 1	SO	N	090129-L-L3-0-1So	8270C SIM	207-08-9	Benzo(k)fluoranthene	2.3	mg/kg		1.1	11		
L-03	723633.357	7834832.566	1/29/2009	0 - 1	SO	N	090129-L-L3-0-1So	8270C SIM	218-01-9	Chrysene	5	mg/kg		1.1	106		
L-03	723633.357	7834832.566	1/29/2009	0 - 1	SO	N	090129-L-L3-0-1So	8270C SIM	53-70-3	Dibenzo(a,h)anthracene	1	mg/kg		0.1056	0.11		
L-03	723633.357	7834832.566	1/29/2009	0 - 1	SO	N	090129-L-L3-0-1So	8270C SIM	206-44-0	Fluoranthene	8.2	mg/kg		1.1	230		
L-03	723633.357	7834832.566	1/29/2009	0 - 1	SO	N	090129-L-L3-0-1So	8270C SIM	86-73-7	Fluorene	0.34	mg/kg		29	230		
L-03	723633.357	7834832.566	1/29/2009	0 - 1	SO	N	090129-L-L3-0-1So	8270C SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	4.6	mg/kg		1.1	1.1		
L-03	723633.357	7834832.566	1/29/2009	0 - 1	SO	N	090129-L-L3-0-1So	8270C SIM	91-20-3	Naphthalene	0.049	mg/kg		1.9	1.9		
L-03	723633.357	7834832.566	1/29/2009	0 - 1	SO	N	090129-L-L3-0-1So	8270C SIM	85-01-8	Phenanthrene	3.4	mg/kg		29	1728		
L-03	723633.357	7834832.566	1/29/2009	0 - 1	SO	N	090129-L-L3-0-1So	8270C SIM	129-00-0	Pyrene	7.9	mg/kg		1.1	173		
L-03	723633.357	7834832.566	1/29/2009	0 - 1	SO	N	090129-L-L3-0-1So	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	8.478	mg/kg					
L-03	723633.357	7834832.566	1/29/2009	0 - 1	SO	N	090129-L-L3-0-1So	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	49.1	mg/kg		1.1			
L-03	723633.357	7834832.566	1/29/2009	0 - 1	SO	N	090129-L-L3-0-1So	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	5.382	mg/kg		29			

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
L-03	723633.357	7834832.566	1/29/2009	1 - 3	SO	N	090129-L-L3-1-3So	8260B	95-47-6	o-Xylene	0.000059	mg/kg	U	1.4	61		
L-03	723633.357	7834832.566	1/29/2009	1 - 3	SO	N	090129-L-L3-1-3So	8260B	127-18-4	Tetrachloroethene	0.0028	mg/kg	J	0.18	7.8		
L-03	723633.357	7834832.566	1/29/2009	1 - 3	SO	N	090129-L-L3-1-3So	8260B	108-88-3	Toluene	0.00017	mg/kg	J	23	470		
L-03	723633.357	7834832.566	1/29/2009	1 - 3	SO	N	090129-L-L3-1-3So	8270C SIM	83-32-9	Acenaphthene	0.36	mg/kg		29	346		
L-03	723633.357	7834832.566	1/29/2009	1 - 3	SO	N	090129-L-L3-1-3So	8270C SIM	208-96-8	Acenaphthylene	0.015	mg/kg		1.9	1.9		
L-03	723633.357	7834832.566	1/29/2009	1 - 3	SO	N	090129-L-L3-1-3So	8270C SIM	120-12-7	Anthracene	0.9	mg/kg		29	1728		
L-03	723633.357	7834832.566	1/29/2009	1 - 3	SO	N	090129-L-L3-1-3So	8270C SIM	56-55-3	Benzo(a)anthracene	4.8	mg/kg		1.1	1.1		
L-03	723633.357	7834832.566	1/29/2009	1 - 3	SO	N	090129-L-L3-1-3So	8270C SIM	50-32-8	Benzo(a)pyrene	5.8	mg/kg		0.11	0.11		
L-03	723633.357	7834832.566	1/29/2009	1 - 3	SO	N	090129-L-L3-1-3So	8270C SIM	205-99-2	Benzo(b)fluoranthene	6.5	mg/kg		1.1	1.1		
L-03	723633.357	7834832.566	1/29/2009	1 - 3	SO	N	090129-L-L3-1-3So	8270C SIM	191-24-2	Benzo(g,h,i)perylene	3.1	mg/kg		1.1	173		
L-03	723633.357	7834832.566	1/29/2009	1 - 3	SO	N	090129-L-L3-1-3So	8270C SIM	207-08-9	Benzo(k)fluoranthene	2.4	mg/kg		1.1	11		
L-03	723633.357	7834832.566	1/29/2009	1 - 3	SO	N	090129-L-L3-1-3So	8270C SIM	218-01-9	Chrysene	5.4	mg/kg		1.1	106		
L-03	723633.357	7834832.566	1/29/2009	1 - 3	SO	N	090129-L-L3-1-3So	8270C SIM	53-70-3	Dibenzo(a,h)anthracene	0.9	mg/kg		0.1056	0.11		
L-03	723633.357	7834832.566	1/29/2009	1 - 3	SO	N	090129-L-L3-1-3So	8270C SIM	206-44-0	Fluoranthene	8.7	mg/kg		1.1	230		
L-03	723633.357	7834832.566	1/29/2009	1 - 3	SO	N	090129-L-L3-1-3So	8270C SIM	86-73-7	Fluorene	0.21	mg/kg		29	230		
L-03	723633.357	7834832.566	1/29/2009	1 - 3	SO	N	090129-L-L3-1-3So	8270C SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	4.4	mg/kg		1.1	1.1		
L-03	723633.357	7834832.566	1/29/2009	1 - 3	SO	N	090129-L-L3-1-3So	8270C SIM	91-20-3	Naphthalene	0.049	mg/kg		1.9	1.9		
L-03	723633.357	7834832.566	1/29/2009	1 - 3	SO	N	090129-L-L3-1-3So	8270C SIM	85-01-8	Phenanthrene	2.8	mg/kg		29	1728		
L-03	723633.357	7834832.566	1/29/2009	1 - 3	SO	N	090129-L-L3-1-3So	8270C SIM	129-00-0	Pyrene	9.4	mg/kg		1.1	173		
L-03	723633.357	7834832.566	1/29/2009	1 - 3	SO	N	090129-L-L3-1-3So	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	8.2994	mg/kg					
L-03	723633.357	7834832.566	1/29/2009	1 - 3	SO	N	090129-L-L3-1-3So	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	51.4	mg/kg		1.1			
L-03	723633.357	7834832.566	1/29/2009	1 - 3	SO	N	090129-L-L3-1-3So	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	4.334	mg/kg		29			
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	FD	090129-L-L5-0-1So	8260B	95-47-6	o-Xylene	0.0052	mg/kg	U	1.4	61		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	FD	090129-L-L5-0-1So	8260B	127-18-4	Tetrachloroethene	0.019	mg/kg	J	0.18	7.8		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	FD	090129-L-L5-0-1So	8260B	108-88-3	Toluene	0.0024	mg/kg	J	23	470		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	FD	090129-L-L5-0-1So	8270C SIM	83-32-9	Acenaphthene	0.23	mg/kg		29	346		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	FD	090129-L-L5-0-1So	8270C SIM	208-96-8	Acenaphthylene	0.012	mg/kg		1.9	1.9		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	FD	090129-L-L5-0-1So	8270C SIM	120-12-7	Anthracene	0.44	mg/kg		29	1728		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	FD	090129-L-L5-0-1So	8270C SIM	56-55-3	Benzo(a)anthracene	3.1	mg/kg		1.1	1.1		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	FD	090129-L-L5-0-1So	8270C SIM	50-32-8	Benzo(a)pyrene	4	mg/kg		0.11	0.11		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	FD	090129-L-L5-0-1So	8270C SIM	205-99-2	Benzo(b)fluoranthene	4.7	mg/kg		1.1	1.1		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	FD	090129-L-L5-0-1So	8270C SIM	191-24-2	Benzo(g,h,i)perylene	2.3	mg/kg		1.1	173		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	FD	090129-L-L5-0-1So	8270C SIM	207-08-9	Benzo(k)fluoranthene	1.7	mg/kg		1.1	11		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	FD	090129-L-L5-0-1So	8270C SIM	218-01-9	Chrysene	3.6	mg/kg		1.1	106		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	FD	090129-L-L5-0-1So	8270C SIM	53-70-3	Dibenzo(a,h)anthracene	0.6	mg/kg		0.1056	0.11		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	FD	090129-L-L5-0-1So	8270C SIM	206-44-0	Fluoranthene	5.4	mg/kg		1.1	230		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	FD	090129-L-L5-0-1So	8270C SIM	86-73-7	Fluorene	0.13	mg/kg		29	230		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	FD	090129-L-L5-0-1So	8270C SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	3.1	mg/kg		1.1	1.1		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	FD	090129-L-L5-0-1So	8270C SIM	91-20-3	Naphthalene	0.038	mg/kg		1.9	1.9		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	FD	090129-L-L5-0-1So	8270C SIM	85-01-8	Phenanthrene	1.5	mg/kg		29	1728		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	FD	090129-L-L5-0-1So	8270C SIM	129-00-0	Pyrene	5.3	mg/kg		1.1	173		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	N	090129-L-L4-0-1So	8260B	95-47-6	o-Xylene	0.000064	mg/kg	U	1.4	61		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	N	090129-L-L4-0-1So	8260B	127-18-4	Tetrachloroethene	0.00039	mg/kg	J	0.18	7.8		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	N	090129-L-L4-0-1So	8260B	108-88-3	Toluene	0.00052	mg/kg	J	23	470		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	N	090129-L-L4-0-1So	8270C SIM	83-32-9	Acenaphthene	2.1	mg/kg		29	346		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	N	090129-L-L4-0-1So	8270C SIM	208-96-8	Acenaphthylene	0.026	mg/kg		1.9	1.9		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	N	090129-L-L4-0-1So	8270C SIM	120-12-7	Anthracene	1.7	mg/kg		29	1728		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	N	090129-L-L4-0-1So	8270C SIM	56-55-3	Benzo(a)anthracene	5.9	mg/kg		1.1	1.1		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	N	090129-L-L4-0-1So	8270C SIM	50-32-8	Benzo(a)pyrene	7.6	mg/kg		0.11	0.11		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	N	090129-L-L4-0-1So	8270C SIM	205-99-2	Benzo(b)fluoranthene	8.3	mg/kg		1.1	1.1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	N	090129-L-L4-0-1So	8270C SIM	191-24-2	Benzo(g,h,i)perylene	4.2	mg/kg		1.1	173		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	N	090129-L-L4-0-1So	8270C SIM	207-08-9	Benzo(k)fluoranthene	2.9	mg/kg		1.1	11		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	N	090129-L-L4-0-1So	8270C SIM	218-01-9	Chrysene	6.7	mg/kg		1.1	106		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	N	090129-L-L4-0-1So	8270C SIM	53-70-3	Dibenzo(a,h)anthracene	1.2	mg/kg		0.1056	0.11		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	N	090129-L-L4-0-1So	8270C SIM	206-44-0	Fluoranthene	12	mg/kg		1.1	230		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	N	090129-L-L4-0-1So	8270C SIM	86-73-7	Fluorene	0.89	mg/kg		29	230		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	N	090129-L-L4-0-1So	8270C SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	5.8	mg/kg		1.1	1.1		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	N	090129-L-L4-0-1So	8270C SIM	91-20-3	Naphthalene	0.12	mg/kg		1.9	1.9		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	N	090129-L-L4-0-1So	8270C SIM	85-01-8	Phenanthrene	6.9	mg/kg		29	1728		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	N	090129-L-L4-0-1So	8270C SIM	129-00-0	Pyrene	11	mg/kg		1.1	173		
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	N	090129-L-L4-0-1So	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	10.8357	mg/kg					
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	N	090129-L-L4-0-1So	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	49.7	mg/kg		1.1			
L-04	723636.047	7834843.582	1/29/2009	0 - 1	SO	N	090129-L-L4-0-1So	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	7.043	mg/kg		29			
L-04	723636.047	7834843.582	1/29/2009	1 - 3	SO	N	090129-L-L4-1-3So	8260B	95-47-6	o-Xylene	0.000059	mg/kg	U	1.4	61		
L-04	723636.047	7834843.582	1/29/2009	1 - 3	SO	N	090129-L-L4-1-3So	8260B	127-18-4	Tetrachloroethene	0.027	mg/kg	J	0.18	7.8		
L-04	723636.047	7834843.582	1/29/2009	1 - 3	SO	N	090129-L-L4-1-3So	8260B	108-88-3	Toluene	0.0018	mg/kg	J	23	470		
L-04	723636.047	7834843.582	1/29/2009	1 - 3	SO	N	090129-L-L4-1-3So	8270C SIM	83-32-9	Acenaphthene	0.42	mg/kg		29	346		
L-04	723636.047	7834843.582	1/29/2009	1 - 3	SO	N	090129-L-L4-1-3So	8270C SIM	208-96-8	Acenaphthylene	0.013	mg/kg		1.9	1.9		
L-04	723636.047	7834843.582	1/29/2009	1 - 3	SO	N	090129-L-L4-1-3So	8270C SIM	120-12-7	Anthracene	0.74	mg/kg		29	1728		
L-04	723636.047	7834843.582	1/29/2009	1 - 3	SO	N	090129-L-L4-1-3So	8270C SIM	56-55-3	Benzo(a)anthracene	4.8	mg/kg		1.1	1.1		
L-04	723636.047	7834843.582	1/29/2009	1 - 3	SO	N	090129-L-L4-1-3So	8270C SIM	50-32-8	Benzo(a)pyrene	6.2	mg/kg		0.11	0.11		
L-04	723636.047	7834843.582	1/29/2009	1 - 3	SO	N	090129-L-L4-1-3So	8270C SIM	205-99-2	Benzo(b)fluoranthene	7.2	mg/kg		1.1	1.1		
L-04	723636.047	7834843.582	1/29/2009	1 - 3	SO	N	090129-L-L4-1-3So	8270C SIM	191-24-2	Benzo(g,h,i)perylene	3.5	mg/kg		1.1	173		
L-04	723636.047	7834843.582	1/29/2009	1 - 3	SO	N	090129-L-L4-1-3So	8270C SIM	207-08-9	Benzo(k)fluoranthene	2.5	mg/kg		1.1	11		
L-04	723636.047	7834843.582	1/29/2009	1 - 3	SO	N	090129-L-L4-1-3So	8270C SIM	218-01-9	Chrysene	5.6	mg/kg		1.1	106		
L-04	723636.047	7834843.582	1/29/2009	1 - 3	SO	N	090129-L-L4-1-3So	8270C SIM	53-70-3	Dibenzo(a,h)anthracene	1.1	mg/kg		0.1056	0.11		
L-04	723636.047	7834843.582	1/29/2009	1 - 3	SO	N	090129-L-L4-1-3So	8270C SIM	206-44-0	Fluoranthene	8.6	mg/kg		1.1	230		
L-04	723636.047	7834843.582	1/29/2009	1 - 3	SO	N	090129-L-L4-1-3So	8270C SIM	86-73-7	Fluorene	0.24	mg/kg		29	230		
L-04	723636.047	7834843.582	1/29/2009	1 - 3	SO	N	090129-L-L4-1-3So	8270C SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	4.9	mg/kg		1.1	1.1		
L-04	723636.047	7834843.582	1/29/2009	1 - 3	SO	N	090129-L-L4-1-3So	8270C SIM	91-20-3	Naphthalene	0.057	mg/kg		1.9	1.9		
L-04	723636.047	7834843.582	1/29/2009	1 - 3	SO	N	090129-L-L4-1-3So	8270C SIM	85-01-8	Phenanthrene	2.8	mg/kg		29	1728		
L-04	723636.047	7834843.582	1/29/2009	1 - 3	SO	N	090129-L-L4-1-3So	8270C SIM	129-00-0	Pyrene	8.6	mg/kg		1.1	173		
L-04	723636.047	7834843.582	1/29/2009	1 - 3	SO	N	090129-L-L4-1-3So	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	9.0206	mg/kg					
L-04	723636.047	7834843.582	1/29/2009	1 - 3	SO	N	090129-L-L4-1-3So	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	53	mg/kg		1.1			
L-04	723636.047	7834843.582	1/29/2009	1 - 3	SO	N	090129-L-L4-1-3So	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	4.27	mg/kg		29			
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	6010B	7429-90-5	Aluminum	10100	mg/kg		50	7392		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	6010B	7440-39-3	Barium	95.3	mg/kg		330	1440		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	6010B	7440-41-7	Beryllium	0.24	mg/kg	J	15	15		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	6010B	7440-70-2	Calcium	5060	mg/kg	J				
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	6010B	7440-47-3	Chromium	94.9	mg/kg	J	0.29	0.29		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	6010B	7440-48-4	Cobalt	12.8	mg/kg		2.2	2.2		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	6010B	7440-50-8	Copper	189	mg/kg	J	28	298		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	6010B	7439-89-6	Iron	44800	mg/kg		5280	5280		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	6010B	7439-92-1	Lead	765	mg/kg		11	192		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	6010B	7439-95-4	Magnesium	6250	mg/kg					
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	6010B	7439-96-5	Manganese	526	mg/kg		173	173		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	6010B	7440-02-0	Nickel	57.7	mg/kg	J	38	134		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	6010B	7440-09-7	Potassium	610	mg/kg					
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	6010B	7440-23-5	Sodium	413	mg/kg					
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	6010B	7440-62-2	Vanadium	67.7	mg/kg		7.8	37		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	6010B	7440-66-6	Zinc	377	mg/kg	J	46	2208		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	6020	7440-36-0	Antimony	1.72	mg/kg	J	0.27	3		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	6020	7440-38-2	Arsenic	5.89	mg/kg		0.43	0.43		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	6020	7440-43-9	Cadmium	6.45	mg/kg		0.36	0.68		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	6020	7782-49-2	Selenium	0.8	mg/kg	J	0.52	37		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	6020	7440-22-4	Silver	0.376	mg/kg		4.2	37		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	6020	7440-28-0	Thallium	0.079	mg/kg		0.05	0.075		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	7471A	7439-97-6	Mercury	0.497	mg/kg		0.013	1.1		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8081A	72-54-8	4,4'-DDD	0.0019	mg/kg	U	0.021	2.2		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8081A	72-55-9	4,4'-DDE	0.005	mg/kg	U	0.021	1.8		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8081A	50-29-3	4,4'-DDT	0.13	mg/kg		0.021	1.8		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8081A	309-00-2	Aldrin	0.0044	mg/kg	J	0.000085	0.031		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8081A	319-84-6	alpha-BHC	0.00055	mg/kg	U	0.0096	0.083		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8081A	5103-71-9	alpha-Chlordane	0.0015	mg/kg	J	0.27	1.7		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8081A	319-85-7	beta-BHC	0.0009	mg/kg	U	0.0096	0.086		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8081A	319-86-8	delta-BHC	0.00038	mg/kg	U	0.0096	0.083		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8081A	60-57-1	Dieldrin	0.0087	mg/kg	U	0.0049	0.033		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8081A	959-98-8	Endosulfan I	0.005	mg/kg	U	0.64	45		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8081A	33213-65-9	Endosulfan II	0.0056	mg/kg	U	0.64	45		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8081A	1031-07-8	Endosulfan sulfate	0.0025	mg/kg	U	0.64	36		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8081A	72-20-8	Endrin	0.005	mg/kg	U	0.0014	1.8		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8081A	7421-93-4	Endrin aldehyde	0.0096	mg/kg	U	0.0014	1.8		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8081A	53494-70-5	Endrin ketone	0.02	mg/kg	U	0.0014	1.8		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8081A	58-89-9	gamma-BHC (Lindane)	0.0004	mg/kg	U	0.0096	0.49		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8081A	5103-74-2	gamma-Chlordane	0.04	mg/kg		0.27	1.7		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8081A	76-44-8	Heptachlor	0.0006	mg/kg	U	0.0016	0.11		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8081A	1024-57-3	Heptachlor epoxide	0.005	mg/kg	U	0.00015	0.055		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8081A	72-43-5	Methoxychlor	0.0069	mg/kg	U	5.1	31		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8081A	8001-35-2	Toxaphene	2.2	mg/kg	U	0.47	0.47		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8082	12674-11-2	Aroclor-1016	0.0021	mg/kg	U	0.041	0.1		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8082	11104-28-2	Aroclor-1221	0.0021	mg/kg	U	0.041	0.19		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8082	11141-16-5	Aroclor-1232	0.0021	mg/kg	U	0.041	0.16		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8082	53469-21-9	Aroclor-1242	0.0021	mg/kg	U	0.041	0.22		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8082	12672-29-6	Aroclor-1248	0.0021	mg/kg	U	0.041	0.22		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8082	11097-69-1	Aroclor-1254	0.7	mg/kg		0.029	0.029		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8082	11096-82-5	Aroclor-1260	0.69	mg/kg		0.041	0.23		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8082	37324-23-5	Aroclor-1262	0.0021	mg/kg	U	0.041			
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8082	11100-14-4	Aroclor-1268	0.0021	mg/kg	U	0.041	0.2304		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00019	mg/kg	U	0.07	1.9		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	71-55-6	1,1,1-Trichloroethane	0.00016	mg/kg	U	260	778		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000094	mg/kg	U	0.13	0.58		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	79-00-5	1,1,2-Trichloroethane	0.000093	mg/kg	U	0.14	0.14		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	75-34-3	1,1-Dichloroethane	0.000051	mg/kg	U	3.5	3.5		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	75-35-4	1,1-Dichloroethene	0.000074	mg/kg	U	11	22		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	563-58-6	1,1-Dichloropropene	0.00016	mg/kg	U	0.001	1.7		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00015	mg/kg	U	6	6		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	96-18-4	1,2,3-Trichloropropane	0.00029	mg/kg	U	0.0049	0.0049		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00024	mg/kg	U	0.27	5.6		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00011	mg/kg	J	0.09	29		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.00083	mg/kg	U	0.0051	0.0051		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00021	mg/kg	U	0.035	0.035		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	95-50-1	1,2-Dichlorobenzene	0.000067	mg/kg	U	0.92	173		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	107-06-2	1,2-Dichloroethane	0.000057	mg/kg	U	0.44	0.44		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	78-87-5	1,2-Dichloropropane	0.000069	mg/kg	U	0.28	1.5		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000043	mg/kg	U	0.16	26		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	541-73-1	1,3-Dichlorobenzene	0.000074	mg/kg	U	0.74	2.5		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	142-28-9	1,3-Dichloropropane	0.000063	mg/kg	U	0.28	154		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	106-46-7	1,4-Dichlorobenzene	0.00011	mg/kg	U	0.89	2.5		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	594-20-7	2,2-Dichloropropane	0.00011	mg/kg	U	0.28	1.5		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	95-49-8	2-Chlorotoluene	0.000054	mg/kg	U	154	154		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	591-78-6	2-Hexanone	0.00083	mg/kg	U	0.36	19		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	106-43-4	4-Chlorotoluene	0.000098	mg/kg	U	154	154		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	67-64-1	Acetone	0.088	mg/kg		1.2	6720		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	71-43-2	Benzene	0.00049	mg/kg	J	1.2	1.2		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	108-86-1	Bromobenzene	0.000098	mg/kg	U	28	28		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	74-97-5	Bromochloromethane	0.00027	mg/kg	U	3.4	3.4		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	75-27-4	Bromodichloromethane	0.000047	mg/kg	U	0.28	0.28		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	75-25-2	Bromoform	0.00027	mg/kg	U	0.07	18		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	74-83-9	Bromomethane	0.00045	mg/kg	U	0.002	0.65		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	75-15-0	Carbon disulfide	0.00018	mg/kg	J	0.81	74		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	56-23-5	Carbon tetrachloride	0.000083	mg/kg	U	0.62	0.62		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	108-90-7	Chlorobenzene	0.000057	mg/kg	U	2.4	27		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	75-00-3	Chloroethane	0.00032	mg/kg	U	518	518		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	67-66-3	Chloroform	0.000051	mg/kg	U	0.31	0.31		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	74-87-3	Chloromethane	0.000061	mg/kg	U	11	11		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	156-59-2	cis-1,2-Dichloroethene	0.000086	mg/kg	U	6	6		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000033	mg/kg	U	0.001	1.7		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	124-48-1	Dibromochloromethane	0.00017	mg/kg	U	3.7	3.7		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	74-95-3	Dibromomethane	0.00019	mg/kg	U	2.304	2.3		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	75-71-8	Dichlorodifluoromethane	0.000076	mg/kg	U	8.4	8.4		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	100-41-4	Ethylbenzene	0.000044	mg/kg	U	0.27	5.6		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	87-68-3	Hexachlorobutadiene	0.00018	mg/kg	U	0.009	1.2		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	98-82-8	Isopropylbenzene	0.000033	mg/kg	U	0.04	182		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	179601-23-1	m,p-Xylene	0.000099	mg/kg	U	1.4	53		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	78-93-3	MEK (2-Butanone)	0.0017	mg/kg	U	350	2592		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	75-09-2	Methylene chloride	0.00028	mg/kg	J	2.6	34		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00026	mg/kg	U	9.7	3168		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	104-51-8	n-Butylbenzene	0.000093	mg/kg	U	374	374		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	103-65-1	n-Propylbenzene	0.000066	mg/kg	U	365	365		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	95-47-6	o-Xylene	0.000063	mg/kg	U	1.4	61		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	99-87-6	p-Cymene	0.000088	mg/kg	U	0.18	182		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	135-98-8	sec-Butylbenzene	0.000069	mg/kg	U	749	749		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	100-42-5	Styrene	0.000081	mg/kg	U	1.2	576		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	98-06-6	tert-Butylbenzene	0.000057	mg/kg	U	749	749		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	127-18-4	Tetrachloroethene	0.00013	mg/kg	U	0.18	7.8		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	108-88-3	Toluene	0.00046	mg/kg	J	23	470		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	156-60-5	trans-1,2-Dichloroethene	0.000051	mg/kg	U	6.7	6.7		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	10061-02-6	trans-1,3-Dichloropropene	0.00011	mg/kg	U	0.001	1.7		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	79-01-6	Trichloroethene	0.00014	mg/kg	U	0.39	0.39		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	75-69-4	Trichlorofluoromethane	0.000057	mg/kg	U	52	2208		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	108-05-4	Vinyl acetate	0.00064	mg/kg	U	87	87		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8260B	75-01-4	Vinyl chloride	0.000061	mg/kg	U	0.057	0.057		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	95-95-4	2,4,5-Trichlorophenol	0.075	mg/kg	U	4	605		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	88-06-2	2,4,6-Trichlorophenol	0.045	mg/kg	U	6	6		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	120-83-2	2,4-Dichlorophenol	0.045	mg/kg	U	0.05	18		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	105-67-9	2,4-Dimethylphenol	0.14	mg/kg	U	0.04	125		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	51-28-5	2,4-Dinitrophenol	0.9	mg/kg	U	0.061	12		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	121-14-2	2,4-Dinitrotoluene	0.07	mg/kg	U	1.6	1.6		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	606-20-2	2,6-Dinitrotoluene	0.07	mg/kg	U	0.3456	0.35		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	91-58-7	2-Chloronaphthalene	0.09	mg/kg	U	461	461		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	95-57-8	2-Chlorophenol	0.043	mg/kg	U	0.39	37		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	91-57-6	2-Methylnaphthalene	0.04	mg/kg	J	23	23		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	95-48-7	2-Methylphenol	0.085	mg/kg	U	0.67	307		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	88-74-4	2-Nitroaniline	0.068	mg/kg	U	5.3	60		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	88-75-5	2-Nitrophenol	0.065	mg/kg	U	5.1	1824		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	91-94-1	3,3'-Dichlorobenzidine	0.093	mg/kg	U	0.03	1.2		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	99-09-2	3-Nitroaniline	0.065	mg/kg	U	0.02	60		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.043	mg/kg	U	0.49	0.49		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	101-55-3	4-Bromophenyl phenyl ether	0.035	mg/kg	U				
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	59-50-7	4-Chloro-3-methylphenol	0.053	mg/kg	U	605	605		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	106-47-8	4-Chloroaniline	0.053	mg/kg	U	1	2.6		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.05	mg/kg	U				
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	106-44-5	4-Methylphenol	0.073	mg/kg	U	0.08	125		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	100-01-6	4-Nitroaniline	0.085	mg/kg	U	0.02	24		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	100-02-7	4-Nitrophenol	0.75	mg/kg	U	5.1	1824		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	83-32-9	Acenaphthene	0.16	mg/kg	J	29	346		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	208-96-8	Acenaphthylene	0.035	mg/kg	U	1.9	1.9		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	62-53-3	Aniline	0.038	mg/kg	U	42	42		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	120-12-7	Anthracene	0.33	mg/kg		29	1728		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	56-55-3	Benzo(a)anthracene	1.5	mg/kg		1.1	1.1		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	50-32-8	Benzo(a)pyrene	1.4	mg/kg		0.11	0.11		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	205-99-2	Benzo(b)fluoranthene	2	mg/kg		1.1	1.1		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	191-24-2	Benzo(g,h,i)perylene	0.95	mg/kg		1.1	173		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	207-08-9	Benzo(k)fluoranthene	0.77	mg/kg		1.1	11		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	65-85-0	Benzoic acid	2.4	mg/kg	U	1	24000		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	100-51-6	Benzyl alcohol	0.093	mg/kg	U	120	605		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.033	mg/kg	U	18	18		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	111-44-4	Bis (2-chloroethyl) ether	0.06	mg/kg	U	0.22	0.22		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	7.6	mg/kg		0.02	37		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.03	mg/kg	U	298	298		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	85-68-7	Butyl benzylphthalate	0.038	mg/kg	U	90	278		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	86-74-8	Carbazole	0.27	mg/kg		7.5	7.5		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	218-01-9	Chrysene	1.9	mg/kg		1.1	106		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	53-70-3	Dibenzo(a,h)anthracene	0.27	mg/kg		0.1056	0.11		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	132-64-9	Dibenzofuran	0.069	mg/kg	J	6.1	7.5		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	84-66-2	Diethyl phthalate	0.088	mg/kg	U	100	4896		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	131-11-3	Dimethyl phthalate	0.045	mg/kg	U	10	37		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	84-74-2	Di-n-butylphthalate	0.18	mg/kg	J	0.011	605		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	117-84-0	Di-n-octylphthalate	0.03	mg/kg	U	0.91	60		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	206-44-0	Fluoranthene	3.1	mg/kg		1.1	230		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	86-73-7	Fluorene	0.13	mg/kg	J	29	230		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	118-74-1	Hexachlorobenzene	0.053	mg/kg	U	0.075	0.075		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	77-47-4	Hexachlorocyclopentadiene	0.38	mg/kg	U	0.001	0.17		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	67-72-1	Hexachloroethane	0.055	mg/kg	U	0.024	1.7		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	1.1	mg/kg		1.1	1.1		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	78-59-1	Isophorone	0.04	mg/kg	U	547	547		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	91-20-3	Naphthalene	0.066	mg/kg	J	1.9	1.9		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	98-95-3	Nitrobenzene	0.05	mg/kg	U	2.2	4.9		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	62-75-9	N-Nitrosodimethylamine	0.16	mg/kg	U	0.0019	0.0019		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.08	mg/kg	U	0.075	0.075		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	86-30-6	N-Nitrosodiphenylamine	0.055	mg/kg	U	0.55	106		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	87-86-5	Pentachlorophenol	0.22	mg/kg	U	0.96	1		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	85-01-8	Phenanthrene	1.9	mg/kg		29	1728		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	108-95-2	Phenol	0.048	mg/kg	U	0.79	1824		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	8270C	129-00-0	Pyrene	2.8	mg/kg		1.1	173		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	2.1396	mg/kg					
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	15.79	mg/kg		1.1			
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	2.621	mg/kg		29			
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	Krone	1002-53-5	Dibutyltin	0.0058	mg/kg		1.8	1.8		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	Krone	78763-54-9	Monobutyltin	0.0022	mg/kg		2.2	2.2		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	Krone	688-73-3	Tributyltin	0.003	mg/kg		2.2	2.2		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	NWTPH-Dx	TPH-D	Diesel Range Organics	260	mg/kg		260	1100		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	NWTPH-Dx	MOIL	Residual Range Organics	1300	mg/kg		260	2800		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	NWTPH-Gx	TPH-G	Gasoline Range Organics	1.5	mg/kg	U	120	1200		
LD-01	723609.401	7834226.336	3/20/2009	0 - 1	SO	N	090320-LD-1So-0-1	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	1.39	mg/kg		0.0073	0.23		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	6010B	7429-90-5	Aluminum	15400	mg/kg		50	7392		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	6010B	7440-39-3	Barium	103	mg/kg		330	1440		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	6010B	7440-41-7	Beryllium	0.47	mg/kg	J	15	15		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	6010B	7440-70-2	Calcium	7120	mg/kg	J				
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	6010B	7440-47-3	Chromium	19.5	mg/kg	J	0.29	0.29		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	6010B	7440-48-4	Cobalt	16.1	mg/kg		2.2	2.2		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	6010B	7440-50-8	Copper	60.6	mg/kg	J	28	298		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	6010B	7439-89-6	Iron	29000	mg/kg		5280	5280		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	6010B	7439-92-1	Lead	26.5	mg/kg		11	192		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	6010B	7439-95-4	Magnesium	8060	mg/kg					
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	6010B	7439-96-5	Manganese	512	mg/kg		173	173		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	6010B	7440-02-0	Nickel	20.4	mg/kg	J	38	134		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	6010B	7440-09-7	Potassium	895	mg/kg					
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	6010B	7440-23-5	Sodium	391	mg/kg					
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	6010B	7440-62-2	Vanadium	68.1	mg/kg		7.8	37		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	6010B	7440-66-6	Zinc	61.6	mg/kg	J	46	2208		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	6020	7440-36-0	Antimony	0.14	mg/kg	J	0.27	3		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	6020	7440-38-2	Arsenic	7.26	mg/kg		0.43	0.43		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	6020	7440-43-9	Cadmium	0.259	mg/kg		0.36	0.68		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	6020	7782-49-2	Selenium	0.7	mg/kg	J	0.52	37		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	6020	7440-22-4	Silver	0.07	mg/kg	J	4.2	37		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	6020	7440-28-0	Thallium	0.115	mg/kg		0.05	0.075		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	7471A	7439-97-6	Mercury	0.047	mg/kg		0.013	1.1		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8081A	72-54-8	4,4'-DDD	0.00011	mg/kg	U	0.021	2.2		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8081A	72-55-9	4,4'-DDE	0.00019	mg/kg	U	0.021	1.8		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8081A	50-29-3	4,4'-DDT	0.003	mg/kg		0.021	1.8		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8081A	309-00-2	Aldrin	0.00016	mg/kg	U	0.000085	0.031		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8081A	319-84-6	alpha-BHC	0.00011	mg/kg	U	0.0096	0.083		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8081A	5103-71-9	alpha-Chlordane	0.0001	mg/kg	U	0.27	1.7		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8081A	319-85-7	beta-BHC	0.00018	mg/kg	U	0.0096	0.086		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8081A	319-86-8	delta-BHC	0.000074	mg/kg	U	0.0096	0.083		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8081A	60-57-1	Dieldrin	0.001	mg/kg	U	0.0049	0.033		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8081A	959-98-8	Endosulfan I	0.000063	mg/kg	U	0.64	45		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8081A	33213-65-9	Endosulfan II	0.00014	mg/kg	U	0.64	45		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8081A	1031-07-8	Endosulfan sulfate	0.00011	mg/kg	U	0.64	36		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8081A	72-20-8	Endrin	0.000094	mg/kg	U	0.0014	1.8		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8081A	7421-93-4	Endrin aldehyde	0.00022	mg/kg	U	0.0014	1.8		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8081A	53494-70-5	Endrin ketone	0.001	mg/kg	U	0.0014	1.8		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8081A	58-89-9	gamma-BHC (Lindane)	0.00008	mg/kg	U	0.0096	0.49		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8081A	5103-74-2	gamma-Chlordane	0.00076	mg/kg	J	0.27	1.7		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8081A	76-44-8	Heptachlor	0.00012	mg/kg	U	0.0016	0.11		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8081A	1024-57-3	Heptachlor epoxide	0.000084	mg/kg	U	0.00015	0.055		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8081A	72-43-5	Methoxychlor	0.00019	mg/kg	U	5.1	31		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8081A	8001-35-2	Toxaphene	0.05	mg/kg	U	0.47	0.47		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8082	12674-11-2	Aroclor-1016	0.0021	mg/kg	U	0.041	0.1		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8082	11104-28-2	Aroclor-1221	0.0021	mg/kg	U	0.041	0.19		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8082	11141-16-5	Aroclor-1232	0.0021	mg/kg	U	0.041	0.16		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8082	53469-21-9	Aroclor-1242	0.0021	mg/kg	U	0.041	0.22		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8082	12672-29-6	Aroclor-1248	0.0021	mg/kg	U	0.041	0.22		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8082	11097-69-1	Aroclor-1254	0.023	mg/kg		0.029	0.029		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8082	11096-82-5	Aroclor-1260	0.022	mg/kg		0.041	0.23		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8082	37324-23-5	Aroclor-1262	0.0021	mg/kg	U	0.041			
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8082	11100-14-4	Aroclor-1268	0.0021	mg/kg	U	0.041	0.2304		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00018	mg/kg	U	0.07	1.9		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	71-55-6	1,1,1-Trichloroethane	0.00015	mg/kg	U	260	778		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000089	mg/kg	U	0.13	0.58		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	79-00-5	1,1,2-Trichloroethane	0.000088	mg/kg	U	0.14	0.14		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	75-34-3	1,1-Dichloroethane	0.000048	mg/kg	U	3.5	3.5		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	75-35-4	1,1-Dichloroethene	0.00007	mg/kg	U	11	22		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	563-58-6	1,1-Dichloropropene	0.00015	mg/kg	U	0.001	1.7		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00014	mg/kg	U	6	6		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	96-18-4	1,2,3-Trichloropropane	0.00027	mg/kg	U	0.0049	0.0049		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00022	mg/kg	U	0.27	5.6		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	95-63-6	1,2,4-Trimethylbenzene	0.000093	mg/kg	U	0.09	29		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.00078	mg/kg	U	0.0051	0.0051		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00019	mg/kg	U	0.035	0.035		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	95-50-1	1,2-Dichlorobenzene	0.000063	mg/kg	U	0.92	173		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	107-06-2	1,2-Dichloroethane	0.000054	mg/kg	U	0.44	0.44		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	78-87-5	1,2-Dichloropropane	0.000065	mg/kg	U	0.28	1.5		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	108-67-8	1,3,5-Trimethylbenzene	0.00004	mg/kg	U	0.16	26		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	541-73-1	1,3-Dichlorobenzene	0.00007	mg/kg	U	0.74	2.5		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	142-28-9	1,3-Dichloropropane	0.000059	mg/kg	U	0.28	154		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	106-46-7	1,4-Dichlorobenzene	0.0001	mg/kg	U	0.89	2.5		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	594-20-7	2,2-Dichloropropane	0.0001	mg/kg	U	0.28	1.5		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	95-49-8	2-Chlorotoluene	0.000051	mg/kg	U	154	154		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	591-78-6	2-Hexanone	0.00078	mg/kg	U	0.36	19		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	106-43-4	4-Chlorotoluene	0.000092	mg/kg	U	154	154		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	67-64-1	Acetone	0.054	mg/kg		1.2	6720		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	71-43-2	Benzene	0.00014	mg/kg	U	1.2	1.2		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	108-86-1	Bromobenzene	0.000092	mg/kg	U	28	28		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	74-97-5	Bromochloromethane	0.00025	mg/kg	U	3.4	3.4		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	75-27-4	Bromodichloromethane	0.000044	mg/kg	U	0.28	0.28		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	75-25-2	Bromoform	0.00025	mg/kg	U	0.07	18		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	74-83-9	Bromomethane	0.00042	mg/kg	U	0.002	0.65		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	75-15-0	Carbon disulfide	0.00049	mg/kg	J	0.81	74		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	56-23-5	Carbon tetrachloride	0.000078	mg/kg	U	0.62	0.62		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	108-90-7	Chlorobenzene	0.000054	mg/kg	U	2.4	27		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	75-00-3	Chloroethane	0.0003	mg/kg	U	518	518		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	67-66-3	Chloroform	0.000048	mg/kg	U	0.31	0.31		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	74-87-3	Chloromethane	0.000057	mg/kg	U	11	11		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	156-59-2	cis-1,2-Dichloroethene	0.000081	mg/kg	U	6	6		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000031	mg/kg	U	0.001	1.7		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	124-48-1	Dibromochloromethane	0.00016	mg/kg	U	3.7	3.7		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	74-95-3	Dibromomethane	0.00018	mg/kg	U	2.304	2.3		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	75-71-8	Dichlorodifluoromethane	0.000072	mg/kg	U	8.4	8.4		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	100-41-4	Ethylbenzene	0.000041	mg/kg	U	0.27	5.6		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	87-68-3	Hexachlorobutadiene	0.00017	mg/kg	U	0.009	1.2		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	98-82-8	Isopropylbenzene	0.000031	mg/kg	U	0.04	182		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	179601-23-1	m,p-Xylene	0.000093	mg/kg	U	1.4	53		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	78-93-3	MEK (2-Butanone)	0.0043	mg/kg	J	350	2592		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	75-09-2	Methylene chloride	0.00028	mg/kg	J	2.6	34		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00024	mg/kg	U	9.7	3168		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	91-20-3	Naphthalene	0.00032	mg/kg	U	1.9	1.9		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	104-51-8	n-Butylbenzene	0.000088	mg/kg	U	374	374		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	103-65-1	n-Propylbenzene	0.000062	mg/kg	U	365	365		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	95-47-6	o-Xylene	0.000059	mg/kg	U	1.4	61		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	99-87-6	p-Cymene	0.000083	mg/kg	U	0.18	182		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	135-98-8	sec-Butylbenzene	0.000065	mg/kg	U	749	749		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	100-42-5	Styrene	0.000076	mg/kg	U	1.2	576		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	98-06-6	tert-Butylbenzene	0.000054	mg/kg	U	749	749		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	127-18-4	Tetrachloroethene	0.00012	mg/kg	U	0.18	7.8		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	108-88-3	Toluene	0.00011	mg/kg	J	23	470		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	156-60-5	trans-1,2-Dichloroethene	0.000048	mg/kg	U	6.7	6.7		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0001	mg/kg	U	0.001	1.7		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	79-01-6	Trichloroethene	0.00013	mg/kg	U	0.39	0.39		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	75-69-4	Trichlorofluoromethane	0.000054	mg/kg	U	52	2208		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	108-05-4	Vinyl acetate	0.0006	mg/kg	U	87	87		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8260B	75-01-4	Vinyl chloride	0.000057	mg/kg	U	0.057	0.057		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	95-95-4	2,4,5-Trichlorophenol	0.003	mg/kg	U	4	605		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	88-06-2	2,4,6-Trichlorophenol	0.0018	mg/kg	U	6	6		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	120-83-2	2,4-Dichlorophenol	0.0018	mg/kg	U	0.05	18		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	105-67-9	2,4-Dimethylphenol	0.0055	mg/kg	U	0.04	125		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	51-28-5	2,4-Dinitrophenol	0.036	mg/kg	U	0.061	12		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	121-14-2	2,4-Dinitrotoluene	0.0028	mg/kg	U	1.6	1.6		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	606-20-2	2,6-Dinitrotoluene	0.0028	mg/kg	U	0.3456	0.35		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	91-58-7	2-Chloronaphthalene	0.0036	mg/kg	U	461	461		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	95-57-8	2-Chlorophenol	0.0017	mg/kg	U	0.39	37		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	91-57-6	2-Methylnaphthalene	0.0012	mg/kg	U	23	23		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	95-48-7	2-Methylphenol	0.0034	mg/kg	U	0.67	307		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	88-74-4	2-Nitroaniline	0.0027	mg/kg	U	5.3	60		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	88-75-5	2-Nitrophenol	0.0026	mg/kg	U	5.1	1824		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	91-94-1	3,3'-Dichlorobenzidine	0.0037	mg/kg	U	0.03	1.2		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	99-09-2	3-Nitroaniline	0.0026	mg/kg	U	0.02	60		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.0017	mg/kg	U	0.49	0.49		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0014	mg/kg	U				
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	59-50-7	4-Chloro-3-methylphenol	0.0021	mg/kg	U	605	605		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	106-47-8	4-Chloroaniline	0.0021	mg/kg	U	1	2.6		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.002	mg/kg	U				
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	106-44-5	4-Methylphenol	0.0029	mg/kg	U	0.08	125		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	100-01-6	4-Nitroaniline	0.0034	mg/kg	U	0.02	24		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	100-02-7	4-Nitrophenol	0.03	mg/kg	U	5.1	1824		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	83-32-9	Acenaphthene	0.0011	mg/kg	J	29	346		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	208-96-8	Acenaphthylene	0.0014	mg/kg	U	1.9	1.9		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	62-53-3	Aniline	0.0015	mg/kg	U	42	42		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	120-12-7	Anthracene	0.0018	mg/kg	J	29	1728		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	56-55-3	Benzo(a)anthracene	0.015	mg/kg		1.1	1.1		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	50-32-8	Benzo(a)pyrene	0.019	mg/kg		0.11	0.11		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	205-99-2	Benzo(b)fluoranthene	0.027	mg/kg		1.1	1.1		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	191-24-2	Benzo(g,h,i)perylene	0.021	mg/kg		1.1	173		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	207-08-9	Benzo(k)fluoranthene	0.01	mg/kg		1.1	11		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	65-85-0	Benzoic acid	0.096	mg/kg	U	1	24000		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	100-51-6	Benzyl alcohol	0.0037	mg/kg	U	120	605		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0013	mg/kg	U	18	18		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0024	mg/kg	U	0.22	0.22		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.36	mg/kg		0.02	37		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0012	mg/kg	U	298	298		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	85-68-7	Butyl benzylphthalate	0.0015	mg/kg	U	90	278		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	86-74-8	Carbazole	0.0022	mg/kg	J	7.5	7.5		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	218-01-9	Chrysene	0.021	mg/kg		1.1	106		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	53-70-3	Dibenzo(a,h)anthracene	0.0044	mg/kg	J	0.1056	0.11		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	132-64-9	Dibenzofuran	0.0013	mg/kg	U	6.1	7.5		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	84-66-2	Diethyl phthalate	0.0035	mg/kg	U	100	4896		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	131-11-3	Dimethyl phthalate	0.0018	mg/kg	U	10	37		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	84-74-2	Di-n-butylphthalate	0.028	mg/kg		0.011	605		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	117-84-0	Di-n-octylphthalate	0.0012	mg/kg	U	0.91	60		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	206-44-0	Fluoranthene	0.029	mg/kg		1.1	230		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	86-73-7	Fluorene	0.0017	mg/kg	U	29	230		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	118-74-1	Hexachlorobenzene	0.0021	mg/kg	U	0.075	0.075		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	77-47-4	Hexachlorocyclopentadiene	0.015	mg/kg	U	0.001	0.17		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	67-72-1	Hexachloroethane	0.0022	mg/kg	U	0.024	1.7		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.016	mg/kg		1.1	1.1		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	78-59-1	Isophorone	0.0016	mg/kg	U	547	547		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	98-95-3	Nitrobenzene	0.002	mg/kg	U	2.2	4.9		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	62-75-9	N-Nitrosodimethylamine	0.0061	mg/kg	U	0.0019	0.0019		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0032	mg/kg	U	0.075	0.075		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	86-30-6	N-Nitrosodiphenylamine	0.0022	mg/kg	U	0.55	106		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	87-86-5	Pentachlorophenol	0.0085	mg/kg	U	0.96	1		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	85-01-8	Phenanthrene	0.015	mg/kg		29	1728		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	108-95-2	Phenol	0.0024	mg/kg	J	0.79	1824		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	8270C	129-00-0	Pyrene	0.029	mg/kg		1.1	173		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.029321	mg/kg					
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.191	mg/kg		1.1			
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.021198	mg/kg		29			
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	Krone	1002-53-5	Dibutyltin	0.00029	mg/kg	U	1.8	1.8		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	Krone	78763-54-9	Monobutyltin	0.00025	mg/kg	U	2.2	2.2		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	Krone	688-73-3	Tributyltin	0.00036	mg/kg	U	2.2	2.2		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	NWTPH-Dx	TPH-D	Diesel Range Organics	6.3	mg/kg	J	260	1100		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	NWTPH-Dx	MOIL	Residual Range Organics	25	mg/kg	J	260	2800		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	NWTPH-Gx	TPH-G	Gasoline Range Organics	1.5	mg/kg	U	120	1200		
LD-01	723609.401	7834226.336	3/20/2009	1 - 3	SO	N	090320-LD-1So-1-3	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.045	mg/kg		0.0073	0.23		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	6010B	7429-90-5	Aluminum	12200	mg/kg		50	7392		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	6010B	7440-39-3	Barium	114	mg/kg		330	1440		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	6010B	7440-41-7	Beryllium	0.26	mg/kg	J	15	15		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	6010B	7440-70-2	Calcium	5240	mg/kg	J				
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	6010B	7440-47-3	Chromium	49.5	mg/kg	J	0.29	0.29		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	6010B	7440-48-4	Cobalt	13.4	mg/kg		2.2	2.2		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	6010B	7440-50-8	Copper	195	mg/kg	J	28	298		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	6010B	7439-89-6	Iron	42400	mg/kg		5280	5280		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	6010B	7439-92-1	Lead	963	mg/kg		11	192		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	6010B	7439-95-4	Magnesium	5590	mg/kg					
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	6010B	7439-96-5	Manganese	614	mg/kg		173	173		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	6010B	7440-02-0	Nickel	41.5	mg/kg	J	38	134		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	6010B	7440-09-7	Potassium	636	mg/kg					
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	6010B	7440-23-5	Sodium	391	mg/kg					
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	6010B	7440-62-2	Vanadium	74	mg/kg		7.8	37		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	6010B	7440-66-6	Zinc	456	mg/kg	J	46	2208		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	6020	7440-36-0	Antimony	1.07	mg/kg	J	0.27	3		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	6020	7440-38-2	Arsenic	5.79	mg/kg		0.43	0.43		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	6020	7440-43-9	Cadmium	7.92	mg/kg		0.36	0.68		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	6020	7782-49-2	Selenium	0.9	mg/kg	J	0.52	37		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	6020	7440-22-4	Silver	0.406	mg/kg		4.2	37		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	6020	7440-28-0	Thallium	0.094	mg/kg		0.05	0.075		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	7471A	7439-97-6	Mercury	0.267	mg/kg		0.013	1.1		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8081A	72-54-8	4,4'-DDD	0.00064	mg/kg	U	0.021	2.2		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8081A	72-55-9	4,4'-DDE	0.0078	mg/kg	U	0.021	1.8		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8081A	50-29-3	4,4'-DDT	0.028	mg/kg		0.021	1.8		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8081A	309-00-2	Aldrin	0.001	mg/kg	U	0.000085	0.031		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8081A	319-84-6	alpha-BHC	0.001	mg/kg	U	0.0096	0.083		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8081A	5103-71-9	alpha-Chlordane	0.00047	mg/kg	U	0.27	1.7		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8081A	319-85-7	beta-BHC	0.00018	mg/kg	U	0.0096	0.086		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8081A	319-86-8	delta-BHC	0.00049	mg/kg	U	0.0096	0.083		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8081A	60-57-1	Dieldrin	0.0039	mg/kg	U	0.0049	0.033		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8081A	959-98-8	Endosulfan I	0.001	mg/kg	U	0.64	45		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8081A	33213-65-9	Endosulfan II	0.0084	mg/kg	U	0.64	45		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8081A	1031-07-8	Endosulfan sulfate	0.0018	mg/kg		0.64	36		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8081A	72-20-8	Endrin	0.0011	mg/kg	U	0.0014	1.8		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8081A	7421-93-4	Endrin aldehyde	0.0028	mg/kg	U	0.0014	1.8		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8081A	53494-70-5	Endrin ketone	0.0029	mg/kg	U	0.0014	1.8		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8081A	58-89-9	gamma-BHC (Lindane)	0.001	mg/kg	U	0.0096	0.49		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8081A	5103-74-2	gamma-Chlordane	0.012	mg/kg		0.27	1.7		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8081A	76-44-8	Heptachlor	0.00053	mg/kg	U	0.0016	0.11		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8081A	1024-57-3	Heptachlor epoxide	0.0015	mg/kg	U	0.00015	0.055		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8081A	72-43-5	Methoxychlor	0.0012	mg/kg		5.1	31		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8081A	8001-35-2	Toxaphene	0.23	mg/kg	U	0.47	0.47		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8082	12674-11-2	Aroclor-1016	0.0021	mg/kg	U	0.041	0.1		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8082	11104-28-2	Aroclor-1221	0.0021	mg/kg	U	0.041	0.19		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8082	11141-16-5	Aroclor-1232	0.0021	mg/kg	U	0.041	0.16		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8082	53469-21-9	Aroclor-1242	0.0021	mg/kg	U	0.041	0.22		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8082	12672-29-6	Aroclor-1248	0.0021	mg/kg	U	0.041	0.22		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8082	11097-69-1	Aroclor-1254	0.28	mg/kg		0.029	0.029		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8082	11096-82-5	Aroclor-1260	0.13	mg/kg		0.041	0.23		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8082	37324-23-5	Aroclor-1262	0.0021	mg/kg	U	0.041			
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8082	11100-14-4	Aroclor-1268	0.0021	mg/kg	U	0.041	0.2304		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00018	mg/kg	U	0.07	1.9		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	71-55-6	1,1,1-Trichloroethane	0.00015	mg/kg	U	260	778		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000089	mg/kg	U	0.13	0.58		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	79-00-5	1,1,2-Trichloroethane	0.000088	mg/kg	U	0.14	0.14		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	75-34-3	1,1-Dichloroethane	0.000048	mg/kg	U	3.5	3.5		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	75-35-4	1,1-Dichloroethene	0.00007	mg/kg	U	11	22		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	563-58-6	1,1-Dichloropropene	0.00015	mg/kg	U	0.001	1.7		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00014	mg/kg	U	6	6		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	96-18-4	1,2,3-Trichloropropane	0.00027	mg/kg	U	0.0049	0.0049		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00022	mg/kg	U	0.27	5.6		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	95-63-6	1,2,4-Trimethylbenzene	0.000093	mg/kg	U	0.09	29		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.00078	mg/kg	U	0.0051	0.0051		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00019	mg/kg	U	0.035	0.035		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	95-50-1	1,2-Dichlorobenzene	0.000063	mg/kg	U	0.92	173		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	107-06-2	1,2-Dichloroethane	0.000054	mg/kg	U	0.44	0.44		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	78-87-5	1,2-Dichloropropane	0.000065	mg/kg	U	0.28	1.5		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	108-67-8	1,3,5-Trimethylbenzene	0.00004	mg/kg	U	0.16	26		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	541-73-1	1,3-Dichlorobenzene	0.00007	mg/kg	U	0.74	2.5		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	142-28-9	1,3-Dichloropropane	0.000059	mg/kg	U	0.28	154		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	106-46-7	1,4-Dichlorobenzene	0.0001	mg/kg	U	0.89	2.5		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	594-20-7	2,2-Dichloropropane	0.0001	mg/kg	U	0.28	1.5		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	95-49-8	2-Chlorotoluene	0.000051	mg/kg	U	154	154		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	591-78-6	2-Hexanone	0.00078	mg/kg	U	0.36	19		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	106-43-4	4-Chlorotoluene	0.000092	mg/kg	U	154	154		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	67-64-1	Acetone	0.16	mg/kg		1.2	6720		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	71-43-2	Benzene	0.00034	mg/kg	J	1.2	1.2		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	108-86-1	Bromobenzene	0.000092	mg/kg	U	28	28		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	74-97-5	Bromochloromethane	0.00025	mg/kg	U	3.4	3.4		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	75-27-4	Bromodichloromethane	0.000044	mg/kg	U	0.28	0.28		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	75-25-2	Bromoform	0.00025	mg/kg	U	0.07	18		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	74-83-9	Bromomethane	0.00048	mg/kg	J	0.002	0.65		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	75-15-0	Carbon disulfide	0.00018	mg/kg	J	0.81	74		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	56-23-5	Carbon tetrachloride	0.000078	mg/kg	U	0.62	0.62		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	108-90-7	Chlorobenzene	0.000054	mg/kg	U	2.4	27		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	75-00-3	Chloroethane	0.0003	mg/kg	U	518	518		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	67-66-3	Chloroform	0.000048	mg/kg	U	0.31	0.31		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	74-87-3	Chloromethane	0.000057	mg/kg	U	11	11		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	156-59-2	cis-1,2-Dichloroethene	0.000081	mg/kg	U	6	6		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000031	mg/kg	U	0.001	1.7		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	124-48-1	Dibromochloromethane	0.00016	mg/kg	U	3.7	3.7		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	74-95-3	Dibromomethane	0.00018	mg/kg	U	2.304	2.3		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	75-71-8	Dichlorodifluoromethane	0.000072	mg/kg	U	8.4	8.4		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	100-41-4	Ethylbenzene	0.000041	mg/kg	U	0.27	5.6		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	87-68-3	Hexachlorobutadiene	0.00017	mg/kg	U	0.009	1.2		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	98-82-8	Isopropylbenzene	0.000031	mg/kg	U	0.04	182		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	179601-23-1	m,p-Xylene	0.000093	mg/kg	U	1.4	53		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	78-93-3	MEK (2-Butanone)	0.012	mg/kg	J	350	2592		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	75-09-2	Methylene chloride	0.00037	mg/kg	J	2.6	34		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00033	mg/kg	J	9.7	3168		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	104-51-8	n-Butylbenzene	0.000088	mg/kg	U	374	374		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	103-65-1	n-Propylbenzene	0.000062	mg/kg	U	365	365		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	95-47-6	o-Xylene	0.000059	mg/kg	U	1.4	61		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	99-87-6	p-Cymene	0.000083	mg/kg	U	0.18	182		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	135-98-8	sec-Butylbenzene	0.000065	mg/kg	U	749	749		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	100-42-5	Styrene	0.000076	mg/kg	U	1.2	576		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	98-06-6	tert-Butylbenzene	0.000054	mg/kg	U	749	749		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	127-18-4	Tetrachloroethene	0.00012	mg/kg	U	0.18	7.8		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	108-88-3	Toluene	0.00034	mg/kg	J	23	470		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	156-60-5	trans-1,2-Dichloroethene	0.000048	mg/kg	U	6.7	6.7		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0001	mg/kg	U	0.001	1.7		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	79-01-6	Trichloroethene	0.00013	mg/kg	U	0.39	0.39		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	75-69-4	Trichlorofluoromethane	0.000054	mg/kg	U	52	2208		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	108-05-4	Vinyl acetate	0.0006	mg/kg	U	87	87		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8260B	75-01-4	Vinyl chloride	0.000057	mg/kg	U	0.057	0.057		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	95-95-4	2,4,5-Trichlorophenol	0.075	mg/kg	U	4	605		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	88-06-2	2,4,6-Trichlorophenol	0.045	mg/kg	U	6	6		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	120-83-2	2,4-Dichlorophenol	0.045	mg/kg	U	0.05	18		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	105-67-9	2,4-Dimethylphenol	0.14	mg/kg	U	0.04	125		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	51-28-5	2,4-Dinitrophenol	0.9	mg/kg	U	0.061	12		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	121-14-2	2,4-Dinitrotoluene	0.07	mg/kg	U	1.6	1.6		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	606-20-2	2,6-Dinitrotoluene	0.07	mg/kg	U	0.3456	0.35		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	91-58-7	2-Chloronaphthalene	0.09	mg/kg	U	461	461		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	95-57-8	2-Chlorophenol	0.043	mg/kg	U	0.39	37		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	91-57-6	2-Methylnaphthalene	0.04	mg/kg	J	23	23		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	95-48-7	2-Methylphenol	0.085	mg/kg	U	0.67	307		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	88-74-4	2-Nitroaniline	0.068	mg/kg	U	5.3	60		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	88-75-5	2-Nitrophenol	0.065	mg/kg	U	5.1	1824		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	91-94-1	3,3'-Dichlorobenzidine	0.093	mg/kg	U	0.03	1.2		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	99-09-2	3-Nitroaniline	0.065	mg/kg	U	0.02	60		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.043	mg/kg	U	0.49	0.49		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	101-55-3	4-Bromophenyl phenyl ether	0.035	mg/kg	U				
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	59-50-7	4-Chloro-3-methylphenol	0.053	mg/kg	U	605	605		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	106-47-8	4-Chloroaniline	0.053	mg/kg	U	1	2.6		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.05	mg/kg	U				
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	106-44-5	4-Methylphenol	0.073	mg/kg	U	0.08	125		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	100-01-6	4-Nitroaniline	0.085	mg/kg	U	0.02	24		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	100-02-7	4-Nitrophenol	0.75	mg/kg	U	5.1	1824		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	83-32-9	Acenaphthene	0.14	mg/kg	J	29	346		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	208-96-8	Acenaphthylene	0.037	mg/kg	J	1.9	1.9		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	62-53-3	Aniline	0.038	mg/kg	U	42	42		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	120-12-7	Anthracene	0.28	mg/kg		29	1728		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	56-55-3	Benzo(a)anthracene	2.7	mg/kg		1.1	1.1		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	50-32-8	Benzo(a)pyrene	2.8	mg/kg		0.11	0.11		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	205-99-2	Benzo(b)fluoranthene	4.1	mg/kg		1.1	1.1		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	191-24-2	Benzo(g,h,i)perylene	2	mg/kg		1.1	173		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	207-08-9	Benzo(k)fluoranthene	1.4	mg/kg		1.1	11		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	65-85-0	Benzoic acid	2.4	mg/kg	U	1	24000		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	100-51-6	Benzyl alcohol	0.093	mg/kg	U	120	605		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.033	mg/kg	U	18	18		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	111-44-4	Bis (2-chloroethyl) ether	0.06	mg/kg	U	0.22	0.22		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	9.2	mg/kg		0.02	37		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.03	mg/kg	U	298	298		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	85-68-7	Butyl benzylphthalate	0.038	mg/kg	U	90	278		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	86-74-8	Carbazole	0.28	mg/kg		7.5	7.5		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	218-01-9	Chrysene	3.5	mg/kg		1.1	106		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	53-70-3	Dibenzo(a,h)anthracene	0.64	mg/kg		0.1056	0.11		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	132-64-9	Dibenzofuran	0.045	mg/kg	J	6.1	7.5		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	84-66-2	Diethyl phthalate	0.088	mg/kg	U	100	4896		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	131-11-3	Dimethyl phthalate	0.045	mg/kg	U	10	37		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	84-74-2	Di-n-butylphthalate	0.13	mg/kg	J	0.011	605		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	117-84-0	Di-n-octylphthalate	0.03	mg/kg	U	0.91	60		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	206-44-0	Fluoranthene	4.7	mg/kg		1.1	230		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	86-73-7	Fluorene	0.12	mg/kg	J	29	230		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	118-74-1	Hexachlorobenzene	0.053	mg/kg	U	0.075	0.075		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	77-47-4	Hexachlorocyclopentadiene	0.38	mg/kg	U	0.001	0.17		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	67-72-1	Hexachloroethane	0.055	mg/kg	U	0.024	1.7		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	2.2	mg/kg		1.1	1.1		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	78-59-1	Isophorone	0.04	mg/kg	U	547	547		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	91-20-3	Naphthalene	0.069	mg/kg	J	1.9	1.9		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	98-95-3	Nitrobenzene	0.05	mg/kg	U	2.2	4.9		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	62-75-9	N-Nitrosodimethylamine	0.16	mg/kg	U	0.0019	0.0019		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.08	mg/kg	U	0.075	0.075		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	86-30-6	N-Nitrosodiphenylamine	0.055	mg/kg	U	0.55	106		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	87-86-5	Pentachlorophenol	0.22	mg/kg	U	0.96	1		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	85-01-8	Phenanthrene	1.9	mg/kg		29	1728		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	108-95-2	Phenol	0.048	mg/kg	U	0.79	1824		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	8270C	129-00-0	Pyrene	4.4	mg/kg		1.1	173		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	4.3575	mg/kg					
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	28.44	mg/kg		1.1			
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	2.546	mg/kg		29			
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	Krone	1002-53-5	Dibutyltin	0.0048	mg/kg		1.8	1.8		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	Krone	78763-54-9	Monobutyltin	0.0016	mg/kg		2.2	2.2		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	Krone	688-73-3	Tributyltin	0.0018	mg/kg		2.2	2.2		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	NWTPH-Dx	TPH-D	Diesel Range Organics	410	mg/kg		260	1100		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	NWTPH-Dx	MOIL	Residual Range Organics	2300	mg/kg		260	2800		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	NWTPH-Gx	TPH-G	Gasoline Range Organics	1.5	mg/kg	U	120	1200		
LD-02	723607.687	7834257.565	3/20/2009	0 - 1	SO	N	090320-LD-2So-0-1	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.41	mg/kg		0.0073	0.23		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	6010B	7429-90-5	Aluminum	16200	mg/kg		50	7392		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	6010B	7440-39-3	Barium	91.3	mg/kg		330	1440		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	6010B	7440-41-7	Beryllium	0.53	mg/kg	J	15	15		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	6010B	7440-70-2	Calcium	7850	mg/kg	J				
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	6010B	7440-47-3	Chromium	17.3	mg/kg	J	0.29	0.29		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	6010B	7440-48-4	Cobalt	15.6	mg/kg		2.2	2.2		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	6010B	7440-50-8	Copper	60.5	mg/kg	J	28	298		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	6010B	7439-89-6	Iron	29900	mg/kg		5280	5280		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	6010B	7439-92-1	Lead	11.6	mg/kg		11	192		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	6010B	7439-95-4	Magnesium	8920	mg/kg					
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	6010B	7439-96-5	Manganese	466	mg/kg		173	173		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	6010B	7440-02-0	Nickel	20.8	mg/kg	J	38	134		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	6010B	7440-09-7	Potassium	809	mg/kg					
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	6010B	7440-23-5	Sodium	382	mg/kg					
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	6010B	7440-62-2	Vanadium	66.6	mg/kg		7.8	37		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	6010B	7440-66-6	Zinc	59.4	mg/kg	J	46	2208		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	6020	7440-36-0	Antimony	0.09	mg/kg	J	0.27	3		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	6020	7440-38-2	Arsenic	5.3	mg/kg		0.43	0.43		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	6020	7440-43-9	Cadmium	0.154	mg/kg		0.36	0.68		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	6020	7782-49-2	Selenium	0.8	mg/kg	J	0.52	37		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	6020	7440-22-4	Silver	0.055	mg/kg	J	4.2	37		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	6020	7440-28-0	Thallium	0.094	mg/kg		0.05	0.075		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	7471A	7439-97-6	Mercury	0.033	mg/kg		0.013	1.1		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8081A	72-54-8	4,4'-DDD	0.00014	mg/kg	U	0.021	2.2		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8081A	72-55-9	4,4'-DDE	0.00064	mg/kg	U	0.021	1.8		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8081A	50-29-3	4,4'-DDT	0.0028	mg/kg		0.021	1.8		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8081A	309-00-2	Aldrin	0.00016	mg/kg	U	0.000085	0.031		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8081A	319-84-6	alpha-BHC	0.00011	mg/kg	U	0.0096	0.083		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8081A	5103-71-9	alpha-Chlordane	0.0001	mg/kg	U	0.27	1.7		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8081A	319-85-7	beta-BHC	0.00018	mg/kg	U	0.0096	0.086		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8081A	319-86-8	delta-BHC	0.000074	mg/kg	U	0.0096	0.083		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8081A	60-57-1	Dieldrin	0.001	mg/kg	U	0.0049	0.033		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8081A	959-98-8	Endosulfan I	0.00026	mg/kg	J	0.64	45		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8081A	33213-65-9	Endosulfan II	0.00014	mg/kg	U	0.64	45		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8081A	1031-07-8	Endosulfan sulfate	0.00011	mg/kg	U	0.64	36		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8081A	72-20-8	Endrin	0.001	mg/kg	U	0.0014	1.8		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8081A	7421-93-4	Endrin aldehyde	0.00016	mg/kg	U	0.0014	1.8		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8081A	53494-70-5	Endrin ketone	0.001	mg/kg	U	0.0014	1.8		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8081A	58-89-9	gamma-BHC (Lindane)	0.00008	mg/kg	U	0.0096	0.49		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8081A	5103-74-2	gamma-Chlordane	0.00089	mg/kg	J	0.27	1.7		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8081A	76-44-8	Heptachlor	0.00012	mg/kg	U	0.0016	0.11		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8081A	1024-57-3	Heptachlor epoxide	0.000097	mg/kg	U	0.00015	0.055		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8081A	72-43-5	Methoxychlor	0.001	mg/kg	U	5.1	31		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8081A	8001-35-2	Toxaphene	0.044	mg/kg	U	0.47	0.47		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8082	12674-11-2	Aroclor-1016	0.0021	mg/kg	U	0.041	0.1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8082	11104-28-2	Aroclor-1221	0.0021	mg/kg	U	0.041	0.19		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8082	11141-16-5	Aroclor-1232	0.0021	mg/kg	U	0.041	0.16		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8082	53469-21-9	Aroclor-1242	0.0021	mg/kg	U	0.041	0.22		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8082	12672-29-6	Aroclor-1248	0.0021	mg/kg	U	0.041	0.22		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8082	11097-69-1	Aroclor-1254	0.016	mg/kg		0.029	0.029		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8082	11096-82-5	Aroclor-1260	0.018	mg/kg		0.041	0.23		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8082	37324-23-5	Aroclor-1262	0.0021	mg/kg	U	0.041			
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8082	11100-14-4	Aroclor-1268	0.0021	mg/kg	U	0.041	0.2304		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00018	mg/kg	U	0.07	1.9		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	71-55-6	1,1,1-Trichloroethane	0.00015	mg/kg	U	260	778		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000089	mg/kg	U	0.13	0.58		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	79-00-5	1,1,2-Trichloroethane	0.000088	mg/kg	U	0.14	0.14		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	75-34-3	1,1-Dichloroethane	0.000048	mg/kg	U	3.5	3.5		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	75-35-4	1,1-Dichloroethene	0.00007	mg/kg	U	11	22		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	563-58-6	1,1-Dichloropropene	0.00015	mg/kg	U	0.001	1.7		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00014	mg/kg	U	6	6		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	96-18-4	1,2,3-Trichloropropane	0.00027	mg/kg	U	0.0049	0.0049		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00022	mg/kg	U	0.27	5.6		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00011	mg/kg	J	0.09	29		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.00078	mg/kg	U	0.0051	0.0051		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00019	mg/kg	U	0.035	0.035		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	95-50-1	1,2-Dichlorobenzene	0.000063	mg/kg	U	0.92	173		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	107-06-2	1,2-Dichloroethane	0.000054	mg/kg	U	0.44	0.44		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	78-87-5	1,2-Dichloropropane	0.000065	mg/kg	U	0.28	1.5		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	108-67-8	1,3,5-Trimethylbenzene	0.00004	mg/kg	U	0.16	26		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	541-73-1	1,3-Dichlorobenzene	0.00007	mg/kg	U	0.74	2.5		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	142-28-9	1,3-Dichloropropane	0.000059	mg/kg	U	0.28	154		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	106-46-7	1,4-Dichlorobenzene	0.0001	mg/kg	U	0.89	2.5		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	594-20-7	2,2-Dichloropropane	0.0001	mg/kg	U	0.28	1.5		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	95-49-8	2-Chlorotoluene	0.000051	mg/kg	U	154	154		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	591-78-6	2-Hexanone	0.00078	mg/kg	U	0.36	19		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	106-43-4	4-Chlorotoluene	0.000092	mg/kg	U	154	154		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	67-64-1	Acetone	0.0099	mg/kg	J	1.2	6720		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	71-43-2	Benzene	0.00014	mg/kg	U	1.2	1.2		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	108-86-1	Bromobenzene	0.000092	mg/kg	U	28	28		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	74-97-5	Bromochloromethane	0.00025	mg/kg	U	3.4	3.4		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	75-27-4	Bromodichloromethane	0.000044	mg/kg	U	0.28	0.28		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	75-25-2	Bromoform	0.00025	mg/kg	U	0.07	18		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	74-83-9	Bromomethane	0.00042	mg/kg	U	0.002	0.65		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	75-15-0	Carbon disulfide	0.00059	mg/kg	J	0.81	74		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	56-23-5	Carbon tetrachloride	0.000078	mg/kg	U	0.62	0.62		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	108-90-7	Chlorobenzene	0.000054	mg/kg	U	2.4	27		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	75-00-3	Chloroethane	0.0003	mg/kg	U	518	518		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	67-66-3	Chloroform	0.000048	mg/kg	U	0.31	0.31		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	74-87-3	Chloromethane	0.000057	mg/kg	U	11	11		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	156-59-2	cis-1,2-Dichloroethene	0.000081	mg/kg	U	6	6		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000031	mg/kg	U	0.001	1.7		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	124-48-1	Dibromochloromethane	0.00016	mg/kg	U	3.7	3.7		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	74-95-3	Dibromomethane	0.00018	mg/kg	U	2.304	2.3		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	75-71-8	Dichlorodifluoromethane	0.000072	mg/kg	U	8.4	8.4		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	100-41-4	Ethylbenzene	0.000041	mg/kg	U	0.27	5.6		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	87-68-3	Hexachlorobutadiene	0.00017	mg/kg	U	0.009	1.2		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	98-82-8	Isopropylbenzene	0.000031	mg/kg	U	0.04	182		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	179601-23-1	m,p-Xylene	0.000093	mg/kg	U	1.4	53		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	78-93-3	MEK (2-Butanone)	0.0016	mg/kg	U	350	2592		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	75-09-2	Methylene chloride	0.0003	mg/kg	J	2.6	34		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00024	mg/kg	U	9.7	3168		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	104-51-8	n-Butylbenzene	0.000088	mg/kg	U	374	374		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	103-65-1	n-Propylbenzene	0.000062	mg/kg	U	365	365		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	95-47-6	o-Xylene	0.000059	mg/kg	U	1.4	61		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	99-87-6	p-Cymene	0.000083	mg/kg	U	0.18	182		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	135-98-8	sec-Butylbenzene	0.000065	mg/kg	U	749	749		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	100-42-5	Styrene	0.000076	mg/kg	U	1.2	576		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	98-06-6	tert-Butylbenzene	0.000054	mg/kg	U	749	749		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	127-18-4	Tetrachloroethene	0.00012	mg/kg	U	0.18	7.8		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	108-88-3	Toluene	0.00012	mg/kg	J	23	470		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	156-60-5	trans-1,2-Dichloroethene	0.000048	mg/kg	U	6.7	6.7		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0001	mg/kg	U	0.001	1.7		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	79-01-6	Trichloroethene	0.00013	mg/kg	U	0.39	0.39		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	75-69-4	Trichlorofluoromethane	0.000054	mg/kg	U	52	2208		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	108-05-4	Vinyl acetate	0.0006	mg/kg	U	87	87		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8260B	75-01-4	Vinyl chloride	0.000057	mg/kg	U	0.057	0.057		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	95-95-4	2,4,5-Trichlorophenol	0.003	mg/kg	U	4	605		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	88-06-2	2,4,6-Trichlorophenol	0.0018	mg/kg	U	6	6		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	120-83-2	2,4-Dichlorophenol	0.0018	mg/kg	U	0.05	18		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	105-67-9	2,4-Dimethylphenol	0.0055	mg/kg	U	0.04	125		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	51-28-5	2,4-Dinitrophenol	0.036	mg/kg	U	0.061	12		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	121-14-2	2,4-Dinitrotoluene	0.0028	mg/kg	U	1.6	1.6		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	606-20-2	2,6-Dinitrotoluene	0.0028	mg/kg	U	0.3456	0.35		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	91-58-7	2-Chloronaphthalene	0.0036	mg/kg	U	461	461		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	95-57-8	2-Chlorophenol	0.0017	mg/kg	U	0.39	37		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	91-57-6	2-Methylnaphthalene	0.0033	mg/kg	J	23	23		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	95-48-7	2-Methylphenol	0.0034	mg/kg	U	0.67	307		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	88-74-4	2-Nitroaniline	0.0027	mg/kg	U	5.3	60		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	88-75-5	2-Nitrophenol	0.0026	mg/kg	U	5.1	1824		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	91-94-1	3,3'-Dichlorobenzidine	0.0037	mg/kg	U	0.03	1.2		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	99-09-2	3-Nitroaniline	0.0026	mg/kg	U	0.02	60		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.0017	mg/kg	U	0.49	0.49		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0014	mg/kg	U				
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	59-50-7	4-Chloro-3-methylphenol	0.0021	mg/kg	U	605	605		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	106-47-8	4-Chloroaniline	0.0021	mg/kg	U	1	2.6		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.002	mg/kg	U				
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	106-44-5	4-Methylphenol	0.0029	mg/kg	U	0.08	125		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	100-01-6	4-Nitroaniline	0.0034	mg/kg	U	0.02	24		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	100-02-7	4-Nitrophenol	0.03	mg/kg	U	5.1	1824		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	83-32-9	Acenaphthene	0.009	mg/kg		29	346		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	208-96-8	Acenaphthylene	0.0014	mg/kg	U	1.9	1.9		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	62-53-3	Aniline	0.0015	mg/kg	U	42	42		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	120-12-7	Anthracene	0.014	mg/kg		29	1728		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	56-55-3	Benzo(a)anthracene	0.037	mg/kg		1.1	1.1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	50-32-8	Benzo(a)pyrene	0.035	mg/kg		0.11	0.11		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	205-99-2	Benzo(b)fluoranthene	0.045	mg/kg		1.1	1.1		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	191-24-2	Benzo(g,h,i)perylene	0.033	mg/kg		1.1	173		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	207-08-9	Benzo(k)fluoranthene	0.016	mg/kg		1.1	11		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	65-85-0	Benzoic acid	0.096	mg/kg	U	1	24000		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	100-51-6	Benzyl alcohol	0.0037	mg/kg	U	120	605		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0013	mg/kg	U	18	18		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0024	mg/kg	U	0.22	0.22		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.039	mg/kg	J	0.02	37		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0012	mg/kg	U	298	298		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	85-68-7	Butyl benzylphthalate	0.0015	mg/kg	U	90	278		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	86-74-8	Carbazole	0.0065	mg/kg	J	7.5	7.5		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	218-01-9	Chrysene	0.042	mg/kg		1.1	106		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	53-70-3	Dibenzo(a,h)anthracene	0.007	mg/kg		0.1056	0.11		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	132-64-9	Dibenzofuran	0.0033	mg/kg	J	6.1	7.5		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	84-66-2	Diethyl phthalate	0.0035	mg/kg	U	100	4896		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	131-11-3	Dimethyl phthalate	0.0018	mg/kg	U	10	37		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	84-74-2	Di-n-butylphthalate	0.0026	mg/kg	U	0.011	605		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	117-84-0	Di-n-octylphthalate	0.0012	mg/kg	U	0.91	60		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	206-44-0	Fluoranthene	0.071	mg/kg		1.1	230		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	86-73-7	Fluorene	0.0097	mg/kg		29	230		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	118-74-1	Hexachlorobenzene	0.0021	mg/kg	U	0.075	0.075		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	77-47-4	Hexachlorocyclopentadiene	0.015	mg/kg	U	0.001	0.17		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	67-72-1	Hexachloroethane	0.0022	mg/kg	U	0.024	1.7		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.025	mg/kg		1.1	1.1		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	78-59-1	Isophorone	0.0016	mg/kg	U	547	547		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	91-20-3	Naphthalene	0.0063	mg/kg	J	1.9	1.9		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	98-95-3	Nitrobenzene	0.002	mg/kg	U	2.2	4.9		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	62-75-9	N-Nitrosodimethylamine	0.0061	mg/kg	U	0.0019	0.0019		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0032	mg/kg	U	0.075	0.075		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	86-30-6	N-Nitrosodiphenylamine	0.0022	mg/kg	U	0.55	106		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	87-86-5	Pentachlorophenol	0.0085	mg/kg	U	0.96	1		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	85-01-8	Phenanthrene	0.071	mg/kg		29	1728		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	108-95-2	Phenol	0.035	mg/kg		0.79	1824		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	8270C	129-00-0	Pyrene	0.076	mg/kg		1.1	173		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.052902	mg/kg					
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.387	mg/kg		1.1			
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.111	mg/kg		29			
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	Krone	1002-53-5	Dibutyltin	0.00028	mg/kg	U	1.8	1.8		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	Krone	78763-54-9	Monobutyltin	0.00025	mg/kg	U	2.2	2.2		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	Krone	688-73-3	Tributyltin	0.00035	mg/kg	U	2.2	2.2		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	NWTPH-Dx	TPH-D	Diesel Range Organics	7.5	mg/kg	J	260	1100		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	NWTPH-Dx	MOIL	Residual Range Organics	23	mg/kg	J	260	2800		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	NWTPH-Gx	TPH-G	Gasoline Range Organics	1.5	mg/kg	U	120	1200		
LD-02	723607.687	7834257.565	3/20/2009	1 - 3	SO	N	090320-LD-2So-1-3	Tot_Aroclor_Calc	PCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.034	mg/kg		0.0073	0.23		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	6010B	7429-90-5	Aluminum	9960	mg/kg		50	7392		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	6010B	7440-39-3	Barium	70.4	mg/kg		330	1440		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	6010B	7440-41-7	Beryllium	0.32	mg/kg	J	15	15		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	6010B	7440-70-2	Calcium	5290	mg/kg	J				
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	6010B	7440-47-3	Chromium	33.3	mg/kg	J	0.29	0.29		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	6010B	7440-48-4	Cobalt	10	mg/kg		2.2	2.2		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	6010B	7440-50-8	Copper	103	mg/kg	J	28	298		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	6010B	7439-89-6	Iron	26700	mg/kg		5280	5280		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	6010B	7439-92-1	Lead	233	mg/kg		11	192		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	6010B	7439-95-4	Magnesium	5020	mg/kg					
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	6010B	7439-96-5	Manganese	391	mg/kg		173	173		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	6010B	7440-02-0	Nickel	26.3	mg/kg	J	38	134		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	6010B	7440-09-7	Potassium	429	mg/kg					
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	6010B	7440-23-5	Sodium	373	mg/kg					
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	6010B	7440-62-2	Vanadium	68.9	mg/kg		7.8	37		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	6010B	7440-66-6	Zinc	164	mg/kg	J	46	2208		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	6020	7440-36-0	Antimony	0.31	mg/kg	J	0.27	3		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	6020	7440-38-2	Arsenic	2.96	mg/kg		0.43	0.43		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	6020	7440-43-9	Cadmium	1.31	mg/kg		0.36	0.68		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	6020	7782-49-2	Selenium	0.5	mg/kg	J	0.52	37		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	6020	7440-22-4	Silver	0.135	mg/kg		4.2	37		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	6020	7440-28-0	Thallium	0.058	mg/kg		0.05	0.075		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	7471A	7439-97-6	Mercury	0.094	mg/kg		0.013	1.1		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8081A	72-54-8	4,4'-DDD	0.00069	mg/kg	J	0.021	2.2		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8081A	72-55-9	4,4'-DDE	0.0044	mg/kg	U	0.021	1.8		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8081A	50-29-3	4,4'-DDT	0.024	mg/kg		0.021	1.8		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8081A	309-00-2	Aldrin	0.00098	mg/kg	U	0.000085	0.031		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8081A	319-84-6	alpha-BHC	0.00011	mg/kg	U	0.0096	0.083		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8081A	5103-71-9	alpha-Chlordane	0.00066	mg/kg	J	0.27	1.7		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8081A	319-85-7	beta-BHC	0.00018	mg/kg	U	0.0096	0.086		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8081A	319-86-8	delta-BHC	0.0002	mg/kg	U	0.0096	0.083		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8081A	60-57-1	Dieldrin	0.0019	mg/kg	U	0.0049	0.033		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8081A	959-98-8	Endosulfan I	0.0022	mg/kg		0.64	45		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8081A	33213-65-9	Endosulfan II	0.00098	mg/kg	U	0.64	45		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8081A	1031-07-8	Endosulfan sulfate	0.00098	mg/kg	U	0.64	36		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8081A	72-20-8	Endrin	0.00098	mg/kg	U	0.0014	1.8		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8081A	7421-93-4	Endrin aldehyde	0.0011	mg/kg	U	0.0014	1.8		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8081A	53494-70-5	Endrin ketone	0.0027	mg/kg	U	0.0014	1.8		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8081A	58-89-9	gamma-BHC (Lindane)	0.00098	mg/kg	U	0.0096	0.49		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8081A	5103-74-2	gamma-Chlordane	0.0076	mg/kg		0.27	1.7		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8081A	76-44-8	Heptachlor	0.00018	mg/kg	J	0.0016	0.11		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8081A	1024-57-3	Heptachlor epoxide	0.00098	mg/kg	U	0.00015	0.055		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8081A	72-43-5	Methoxychlor	0.001	mg/kg		5.1	31		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8081A	8001-35-2	Toxaphene	0.18	mg/kg	U	0.47	0.47		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8082	12674-11-2	Aroclor-1016	0.0021	mg/kg	U	0.041	0.1		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8082	11104-28-2	Aroclor-1221	0.0021	mg/kg	U	0.041	0.19		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8082	11141-16-5	Aroclor-1232	0.0021	mg/kg	U	0.041	0.16		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8082	53469-21-9	Aroclor-1242	0.0021	mg/kg	U	0.041	0.22		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8082	12672-29-6	Aroclor-1248	0.0021	mg/kg	U	0.041	0.22		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8082	11097-69-1	Aroclor-1254	0.16	mg/kg		0.029	0.029		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8082	11096-82-5	Aroclor-1260	0.16	mg/kg		0.041	0.23		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8082	37324-23-5	Aroclor-1262	0.0021	mg/kg	U	0.041			
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8082	11100-14-4	Aroclor-1268	0.0021	mg/kg	U	0.041	0.2304		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00021	mg/kg	U	0.07	1.9		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	71-55-6	1,1,1-Trichloroethane	0.00017	mg/kg	U	260	778		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.00011	mg/kg	U	0.13	0.58		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	79-00-5	1,1,2-Trichloroethane	0.0001	mg/kg	U	0.14	0.14		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	75-34-3	1,1-Dichloroethane	0.000055	mg/kg	U	3.5	3.5		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	75-35-4	1,1-Dichloroethene	0.00008	mg/kg	U	11	22		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	563-58-6	1,1-Dichloropropene	0.00017	mg/kg	U	0.001	1.7		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00016	mg/kg	U	6	6		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	96-18-4	1,2,3-Trichloropropane	0.00031	mg/kg	U	0.0049	0.0049		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00025	mg/kg	U	0.27	5.6		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00011	mg/kg	U	0.09	29		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.00089	mg/kg	U	0.0051	0.0051		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00022	mg/kg	U	0.035	0.035		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	95-50-1	1,2-Dichlorobenzene	0.000072	mg/kg	U	0.92	173		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	107-06-2	1,2-Dichloroethane	0.000062	mg/kg	U	0.44	0.44		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	78-87-5	1,2-Dichloropropane	0.000074	mg/kg	U	0.28	1.5		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000046	mg/kg	U	0.16	26		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	541-73-1	1,3-Dichlorobenzene	0.00008	mg/kg	U	0.74	2.5		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	142-28-9	1,3-Dichloropropane	0.000067	mg/kg	U	0.28	154		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	106-46-7	1,4-Dichlorobenzene	0.00012	mg/kg	U	0.89	2.5		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	594-20-7	2,2-Dichloropropane	0.00012	mg/kg	U	0.28	1.5		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	95-49-8	2-Chlorotoluene	0.000058	mg/kg	U	154	154		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	591-78-6	2-Hexanone	0.00089	mg/kg	U	0.36	19		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	106-43-4	4-Chlorotoluene	0.00011	mg/kg	U	154	154		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	67-64-1	Acetone	0.067	mg/kg		1.2	6720		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	71-43-2	Benzene	0.00018	mg/kg	J	1.2	1.2		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	108-86-1	Bromobenzene	0.00011	mg/kg	U	28	28		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	74-97-5	Bromochloromethane	0.00029	mg/kg	U	3.4	3.4		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	75-27-4	Bromodichloromethane	0.00005	mg/kg	U	0.28	0.28		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	75-25-2	Bromoform	0.00029	mg/kg	U	0.07	18		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	74-83-9	Bromomethane	0.00048	mg/kg	U	0.002	0.65		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	75-15-0	Carbon disulfide	0.00024	mg/kg	J	0.81	74		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	56-23-5	Carbon tetrachloride	0.000089	mg/kg	U	0.62	0.62		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	108-90-7	Chlorobenzene	0.000062	mg/kg	U	2.4	27		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	75-00-3	Chloroethane	0.00034	mg/kg	U	518	518		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	67-66-3	Chloroform	0.000055	mg/kg	U	0.31	0.31		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	74-87-3	Chloromethane	0.000065	mg/kg	U	11	11		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	156-59-2	cis-1,2-Dichloroethene	0.000092	mg/kg	U	6	6		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000036	mg/kg	U	0.001	1.7		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	124-48-1	Dibromochloromethane	0.00019	mg/kg	U	3.7	3.7		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	74-95-3	Dibromomethane	0.00021	mg/kg	U	2.304	2.3		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	75-71-8	Dichlorodifluoromethane	0.000082	mg/kg	U	8.4	8.4		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	100-41-4	Ethylbenzene	0.000047	mg/kg	U	0.27	5.6		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	87-68-3	Hexachlorobutadiene	0.0002	mg/kg	U	0.009	1.2		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	98-82-8	Isopropylbenzene	0.000036	mg/kg	U	0.04	182		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	179601-23-1	m,p-Xylene	0.00011	mg/kg	U	1.4	53		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	78-93-3	MEK (2-Butanone)	0.0049	mg/kg	J	350	2592		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	75-09-2	Methylene chloride	0.00046	mg/kg	J	2.6	34		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00028	mg/kg	U	9.7	3168		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	104-51-8	n-Butylbenzene	0.0001	mg/kg	U	374	374		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	103-65-1	n-Propylbenzene	0.000071	mg/kg	U	365	365		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	95-47-6	o-Xylene	0.000067	mg/kg	U	1.4	61		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	99-87-6	p-Cymene	0.000094	mg/kg	U	0.18	182		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	135-98-8	sec-Butylbenzene	0.000074	mg/kg	U	749	749		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	100-42-5	Styrene	0.000086	mg/kg	U	1.2	576		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	98-06-6	tert-Butylbenzene	0.000062	mg/kg	U	749	749		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	127-18-4	Tetrachloroethene	0.00014	mg/kg	U	0.18	7.8		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	108-88-3	Toluene	0.00024	mg/kg	J	23	470		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	156-60-5	trans-1,2-Dichloroethene	0.000055	mg/kg	U	6.7	6.7		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	10061-02-6	trans-1,3-Dichloropropene	0.00012	mg/kg	U	0.001	1.7		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	79-01-6	Trichloroethene	0.00015	mg/kg	U	0.39	0.39		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	75-69-4	Trichlorofluoromethane	0.000062	mg/kg	U	52	2208		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	108-05-4	Vinyl acetate	0.00068	mg/kg	U	87	87		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8260B	75-01-4	Vinyl chloride	0.000065	mg/kg	U	0.057	0.057		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	95-95-4	2,4,5-Trichlorophenol	0.075	mg/kg	U	4	605		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	88-06-2	2,4,6-Trichlorophenol	0.045	mg/kg	U	6	6		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	120-83-2	2,4-Dichlorophenol	0.045	mg/kg	U	0.05	18		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	105-67-9	2,4-Dimethylphenol	0.14	mg/kg	U	0.04	125		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	51-28-5	2,4-Dinitrophenol	0.9	mg/kg	U	0.061	12		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	121-14-2	2,4-Dinitrotoluene	0.07	mg/kg	U	1.6	1.6		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	606-20-2	2,6-Dinitrotoluene	0.07	mg/kg	U	0.3456	0.35		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	91-58-7	2-Chloronaphthalene	0.09	mg/kg	U	461	461		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	95-57-8	2-Chlorophenol	0.043	mg/kg	U	0.39	37		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	91-57-6	2-Methylnaphthalene	0.043	mg/kg	J	23	23		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	95-48-7	2-Methylphenol	0.085	mg/kg	U	0.67	307		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	88-74-4	2-Nitroaniline	0.068	mg/kg	U	5.3	60		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	88-75-5	2-Nitrophenol	0.065	mg/kg	U	5.1	1824		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	91-94-1	3,3'-Dichlorobenzidine	0.093	mg/kg	U	0.03	1.2		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	99-09-2	3-Nitroaniline	0.065	mg/kg	U	0.02	60		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.043	mg/kg	U	0.49	0.49		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	101-55-3	4-Bromophenyl phenyl ether	0.035	mg/kg	U				
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	59-50-7	4-Chloro-3-methylphenol	0.053	mg/kg	U	605	605		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	106-47-8	4-Chloroaniline	0.053	mg/kg	U	1	2.6		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.05	mg/kg	U				
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	106-44-5	4-Methylphenol	0.073	mg/kg	U	0.08	125		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	100-01-6	4-Nitroaniline	0.085	mg/kg	U	0.02	24		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	100-02-7	4-Nitrophenol	0.75	mg/kg	U	5.1	1824		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	83-32-9	Acenaphthene	0.43	mg/kg		29	346		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	208-96-8	Acenaphthylene	0.035	mg/kg	U	1.9	1.9		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	62-53-3	Aniline	0.038	mg/kg	U	42	42		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	120-12-7	Anthracene	0.78	mg/kg		29	1728		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	56-55-3	Benzo(a)anthracene	2.1	mg/kg		1.1	1.1		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	50-32-8	Benzo(a)pyrene	1.9	mg/kg		0.11	0.11		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	205-99-2	Benzo(b)fluoranthene	2.6	mg/kg		1.1	1.1		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	191-24-2	Benzo(g,h,i)perylene	1.1	mg/kg		1.1	173		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	207-08-9	Benzo(k)fluoranthene	0.88	mg/kg		1.1	11		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	65-85-0	Benzoic acid	2.4	mg/kg	U	1	24000		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	100-51-6	Benzyl alcohol	0.093	mg/kg	U	120	605		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.033	mg/kg	U	18	18		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	111-44-4	Bis (2-chloroethyl) ether	0.06	mg/kg	U	0.22	0.22		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	3.5	mg/kg		0.02	37		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.03	mg/kg	U	298	298		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	85-68-7	Butyl benzylphthalate	0.038	mg/kg	U	90	278		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	86-74-8	Carbazole	0.53	mg/kg		7.5	7.5		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	218-01-9	Chrysene	2.3	mg/kg		1.1	106		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	53-70-3	Dibenzo(a,h)anthracene	0.35	mg/kg		0.1056	0.11		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	132-64-9	Dibenzofuran	0.22	mg/kg		6.1	7.5		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	84-66-2	Diethyl phthalate	0.088	mg/kg	U	100	4896		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	131-11-3	Dimethyl phthalate	0.045	mg/kg	U	10	37		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	84-74-2	Di-n-butylphthalate	0.065	mg/kg	U	0.011	605		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	117-84-0	Di-n-octylphthalate	0.03	mg/kg	U	0.91	60		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	206-44-0	Fluoranthene	5	mg/kg		1.1	230		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	86-73-7	Fluorene	0.38	mg/kg		29	230		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	118-74-1	Hexachlorobenzene	0.053	mg/kg	U	0.075	0.075		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	77-47-4	Hexachlorocyclopentadiene	0.38	mg/kg	U	0.001	0.17		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	67-72-1	Hexachloroethane	0.055	mg/kg	U	0.024	1.7		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	1.3	mg/kg		1.1	1.1		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	78-59-1	Isophorone	0.04	mg/kg	U	547	547		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	91-20-3	Naphthalene	0.062	mg/kg	J	1.9	1.9		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	98-95-3	Nitrobenzene	0.05	mg/kg	U	2.2	4.9		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	62-75-9	N-Nitrosodimethylamine	0.16	mg/kg	U	0.0019	0.0019		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.08	mg/kg	U	0.075	0.075		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	86-30-6	N-Nitrosodiphenylamine	0.055	mg/kg	U	0.55	106		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	87-86-5	Pentachlorophenol	0.22	mg/kg	U	0.96	1		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	85-01-8	Phenanthrene	4	mg/kg		29	1728		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	108-95-2	Phenol	0.048	mg/kg	U	0.79	1824		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	8270C	129-00-0	Pyrene	4.2	mg/kg		1.1	173		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	2.8611	mg/kg					
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	21.73	mg/kg		1.1			
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	5.687	mg/kg		29			
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	Krone	1002-53-5	Dibutyltin	0.0025	mg/kg		1.8	1.8		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	Krone	78763-54-9	Monobutyltin	0.00057	mg/kg	J	2.2	2.2		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	Krone	688-73-3	Tributyltin	0.00034	mg/kg	U	2.2	2.2		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	NWTPH-Dx	TPH-D	Diesel Range Organics	85	mg/kg		260	1100		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	NWTPH-Dx	MOIL	Residual Range Organics	860	mg/kg		260	2800		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	NWTPH-Gx	TPH-G	Gasoline Range Organics	1.5	mg/kg	U	120	1200		
LD-03	723607.305	7834297.744	3/20/2009	0 - 1	SO	N	090320-LD-3So-0-1	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.32	mg/kg		0.0073	0.23		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	6010B	7429-90-5	Aluminum	15600	mg/kg		50	7392		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	6010B	7440-39-3	Barium	85.1	mg/kg		330	1440		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	6010B	7440-41-7	Beryllium	0.37	mg/kg	J	15	15		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	6010B	7440-70-2	Calcium	8080	mg/kg	J				
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	6010B	7440-47-3	Chromium	15.4	mg/kg	J	0.29	0.29		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	6010B	7440-48-4	Cobalt	15.9	mg/kg		2.2	2.2		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	6010B	7440-50-8	Copper	55.4	mg/kg	J	28	298		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	6010B	7439-89-6	Iron	28000	mg/kg		5280	5280		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	6010B	7439-92-1	Lead	18.7	mg/kg		11	192		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	6010B	7439-95-4	Magnesium	9490	mg/kg					
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	6010B	7439-96-5	Manganese	460	mg/kg		173	173		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	6010B	7440-02-0	Nickel	25.2	mg/kg	J	38	134		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	6010B	7440-09-7	Potassium	705	mg/kg					
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	6010B	7440-23-5	Sodium	547	mg/kg					
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	6010B	7440-62-2	Vanadium	63.4	mg/kg		7.8	37		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	6010B	7440-66-6	Zinc	58.8	mg/kg	J	46	2208		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	6020	7440-36-0	Antimony	0.08	mg/kg	J	0.27	3		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	6020	7440-38-2	Arsenic	5.7	mg/kg		0.43	0.43		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	6020	7440-43-9	Cadmium	0.134	mg/kg		0.36	0.68		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	6020	7782-49-2	Selenium	0.6	mg/kg	J	0.52	37		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	6020	7440-22-4	Silver	0.045	mg/kg	J	4.2	37		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	6020	7440-28-0	Thallium	0.104	mg/kg		0.05	0.075		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	7471A	7439-97-6	Mercury	0.04	mg/kg		0.013	1.1		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8081A	72-54-8	4,4'-DDD	0.00057	mg/kg	U	0.021	2.2		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8081A	72-55-9	4,4'-DDE	0.001	mg/kg	U	0.021	1.8		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8081A	50-29-3	4,4'-DDT	0.0024	mg/kg		0.021	1.8		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8081A	309-00-2	Aldrin	0.00016	mg/kg	U	0.000085	0.031		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8081A	319-84-6	alpha-BHC	0.00011	mg/kg	U	0.0096	0.083		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8081A	5103-71-9	alpha-Chlordane	0.0001	mg/kg	U	0.27	1.7		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8081A	319-85-7	beta-BHC	0.00018	mg/kg	U	0.0096	0.086		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8081A	319-86-8	delta-BHC	0.000074	mg/kg	U	0.0096	0.083		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8081A	60-57-1	Dieldrin	0.001	mg/kg	U	0.0049	0.033		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8081A	959-98-8	Endosulfan I	0.00014	mg/kg	J	0.64	45		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8081A	33213-65-9	Endosulfan II	0.00029	mg/kg	U	0.64	45		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8081A	1031-07-8	Endosulfan sulfate	0.00011	mg/kg	U	0.64	36		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8081A	72-20-8	Endrin	0.000094	mg/kg	U	0.0014	1.8		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8081A	7421-93-4	Endrin aldehyde	0.00017	mg/kg	U	0.0014	1.8		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8081A	53494-70-5	Endrin ketone	0.00017	mg/kg	U	0.0014	1.8		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8081A	58-89-9	gamma-BHC (Lindane)	0.00008	mg/kg	U	0.0096	0.49		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8081A	5103-74-2	gamma-Chlordane	0.00061	mg/kg	J	0.27	1.7		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8081A	76-44-8	Heptachlor	0.00012	mg/kg	U	0.0016	0.11		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8081A	1024-57-3	Heptachlor epoxide	0.00013	mg/kg	U	0.00015	0.055		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8081A	72-43-5	Methoxychlor	0.00019	mg/kg	U	5.1	31		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8081A	8001-35-2	Toxaphene	0.031	mg/kg	U	0.47	0.47		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8082	12674-11-2	Aroclor-1016	0.0021	mg/kg	U	0.041	0.1		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8082	11104-28-2	Aroclor-1221	0.0021	mg/kg	U	0.041	0.19		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8082	11141-16-5	Aroclor-1232	0.0021	mg/kg	U	0.041	0.16		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8082	53469-21-9	Aroclor-1242	0.0021	mg/kg	U	0.041	0.22		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8082	12672-29-6	Aroclor-1248	0.0021	mg/kg	U	0.041	0.22		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8082	11097-69-1	Aroclor-1254	0.011	mg/kg		0.029	0.029		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8082	11096-82-5	Aroclor-1260	0.011	mg/kg		0.041	0.23		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8082	37324-23-5	Aroclor-1262	0.0021	mg/kg	U	0.041			
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8082	11100-14-4	Aroclor-1268	0.0021	mg/kg	U	0.041	0.2304		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00018	mg/kg	U	0.07	1.9		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	71-55-6	1,1,1-Trichloroethane	0.00015	mg/kg	U	260	778		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000089	mg/kg	U	0.13	0.58		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	79-00-5	1,1,2-Trichloroethane	0.000088	mg/kg	U	0.14	0.14		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	75-34-3	1,1-Dichloroethane	0.000048	mg/kg	U	3.5	3.5		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	75-35-4	1,1-Dichloroethene	0.00007	mg/kg	U	11	22		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	563-58-6	1,1-Dichloropropene	0.00015	mg/kg	U	0.001	1.7		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00014	mg/kg	U	6	6		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	96-18-4	1,2,3-Trichloropropane	0.00027	mg/kg	U	0.0049	0.0049		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00022	mg/kg	U	0.27	5.6		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	95-63-6	1,2,4-Trimethylbenzene	0.000098	mg/kg	J	0.09	29		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.00078	mg/kg	U	0.0051	0.0051		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00019	mg/kg	U	0.035	0.035		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	95-50-1	1,2-Dichlorobenzene	0.000063	mg/kg	U	0.92	173		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	107-06-2	1,2-Dichloroethane	0.000054	mg/kg	U	0.44	0.44		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	78-87-5	1,2-Dichloropropane	0.000065	mg/kg	U	0.28	1.5		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	108-67-8	1,3,5-Trimethylbenzene	0.00004	mg/kg	U	0.16	26		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	541-73-1	1,3-Dichlorobenzene	0.00007	mg/kg	U	0.74	2.5		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	142-28-9	1,3-Dichloropropane	0.000059	mg/kg	U	0.28	154		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	106-46-7	1,4-Dichlorobenzene	0.0001	mg/kg	U	0.89	2.5		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	594-20-7	2,2-Dichloropropane	0.0001	mg/kg	U	0.28	1.5		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	95-49-8	2-Chlorotoluene	0.000051	mg/kg	U	154	154		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	591-78-6	2-Hexanone	0.00078	mg/kg	U	0.36	19		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	106-43-4	4-Chlorotoluene	0.000092	mg/kg	U	154	154		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	67-64-1	Acetone	0.022	mg/kg		1.2	6720		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	71-43-2	Benzene	0.00014	mg/kg	U	1.2	1.2		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	108-86-1	Bromobenzene	0.000092	mg/kg	U	28	28		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	74-97-5	Bromochloromethane	0.00025	mg/kg	U	3.4	3.4		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	75-27-4	Bromodichloromethane	0.000044	mg/kg	U	0.28	0.28		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	75-25-2	Bromoform	0.00025	mg/kg	U	0.07	18		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	74-83-9	Bromomethane	0.00042	mg/kg	U	0.002	0.65		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	75-15-0	Carbon disulfide	0.0027	mg/kg	J	0.81	74		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	56-23-5	Carbon tetrachloride	0.000078	mg/kg	U	0.62	0.62		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	108-90-7	Chlorobenzene	0.000054	mg/kg	U	2.4	27		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	75-00-3	Chloroethane	0.0003	mg/kg	U	518	518		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	67-66-3	Chloroform	0.000048	mg/kg	U	0.31	0.31		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	74-87-3	Chloromethane	0.000057	mg/kg	U	11	11		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	156-59-2	cis-1,2-Dichloroethene	0.000081	mg/kg	U	6	6		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000031	mg/kg	U	0.001	1.7		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	124-48-1	Dibromochloromethane	0.00016	mg/kg	U	3.7	3.7		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	74-95-3	Dibromomethane	0.00018	mg/kg	U	2.304	2.3		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	75-71-8	Dichlorodifluoromethane	0.000072	mg/kg	U	8.4	8.4		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	100-41-4	Ethylbenzene	0.000041	mg/kg	U	0.27	5.6		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	87-68-3	Hexachlorobutadiene	0.00017	mg/kg	U	0.009	1.2		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	98-82-8	Isopropylbenzene	0.000031	mg/kg	U	0.04	182		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	179601-23-1	m,p-Xylene	0.000093	mg/kg	U	1.4	53		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	78-93-3	MEK (2-Butanone)	0.0024	mg/kg	J	350	2592		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	75-09-2	Methylene chloride	0.00063	mg/kg	J	2.6	34		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00024	mg/kg	U	9.7	3168		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	104-51-8	n-Butylbenzene	0.000088	mg/kg	U	374	374		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	103-65-1	n-Propylbenzene	0.000062	mg/kg	U	365	365		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	95-47-6	o-Xylene	0.000059	mg/kg	U	1.4	61		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	99-87-6	p-Cymene	0.000083	mg/kg	U	0.18	182		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	135-98-8	sec-Butylbenzene	0.000065	mg/kg	U	749	749		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	100-42-5	Styrene	0.000076	mg/kg	U	1.2	576		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	98-06-6	tert-Butylbenzene	0.000054	mg/kg	U	749	749		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	127-18-4	Tetrachloroethene	0.00012	mg/kg	U	0.18	7.8		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	108-88-3	Toluene	0.00015	mg/kg	J	23	470		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	156-60-5	trans-1,2-Dichloroethene	0.000048	mg/kg	U	6.7	6.7		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0001	mg/kg	U	0.001	1.7		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	79-01-6	Trichloroethene	0.00013	mg/kg	U	0.39	0.39		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	75-69-4	Trichlorofluoromethane	0.000054	mg/kg	U	52	2208		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	108-05-4	Vinyl acetate	0.0006	mg/kg	U	87	87		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8260B	75-01-4	Vinyl chloride	0.000057	mg/kg	U	0.057	0.057		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	95-95-4	2,4,5-Trichlorophenol	0.003	mg/kg	U	4	605		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	88-06-2	2,4,6-Trichlorophenol	0.0018	mg/kg	U	6	6		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	120-83-2	2,4-Dichlorophenol	0.0018	mg/kg	U	0.05	18		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	105-67-9	2,4-Dimethylphenol	0.0055	mg/kg	U	0.04	125		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	51-28-5	2,4-Dinitrophenol	0.036	mg/kg	U	0.061	12		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	121-14-2	2,4-Dinitrotoluene	0.0028	mg/kg	U	1.6	1.6		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	606-20-2	2,6-Dinitrotoluene	0.0028	mg/kg	U	0.3456	0.35		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	91-58-7	2-Chloronaphthalene	0.0036	mg/kg	U	461	461		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	95-57-8	2-Chlorophenol	0.0017	mg/kg	U	0.39	37		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	91-57-6	2-Methylnaphthalene	0.0012	mg/kg	U	23	23		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	95-48-7	2-Methylphenol	0.0034	mg/kg	U	0.67	307		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	88-74-4	2-Nitroaniline	0.0027	mg/kg	U	5.3	60		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	88-75-5	2-Nitrophenol	0.0026	mg/kg	U	5.1	1824		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	91-94-1	3,3'-Dichlorobenzidine	0.0037	mg/kg	U	0.03	1.2		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	99-09-2	3-Nitroaniline	0.0026	mg/kg	U	0.02	60		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.0017	mg/kg	U	0.49	0.49		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0014	mg/kg	U				
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	59-50-7	4-Chloro-3-methylphenol	0.0021	mg/kg	U	605	605		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	106-47-8	4-Chloroaniline	0.0021	mg/kg	U	1	2.6		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.002	mg/kg	U				
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	106-44-5	4-Methylphenol	0.0029	mg/kg	U	0.08	125		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	100-01-6	4-Nitroaniline	0.0034	mg/kg	U	0.02	24		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	100-02-7	4-Nitrophenol	0.03	mg/kg	U	5.1	1824		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	83-32-9	Acenaphthene	0.0041	mg/kg	J	29	346		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	208-96-8	Acenaphthylene	0.0014	mg/kg	U	1.9	1.9		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	62-53-3	Aniline	0.0015	mg/kg	U	42	42		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	120-12-7	Anthracene	0.011	mg/kg		29	1728		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	56-55-3	Benzo(a)anthracene	0.071	mg/kg		1.1	1.1		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	50-32-8	Benzo(a)pyrene	0.072	mg/kg		0.11	0.11		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	205-99-2	Benzo(b)fluoranthene	0.1	mg/kg		1.1	1.1		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	191-24-2	Benzo(g,h,i)perylene	0.054	mg/kg		1.1	173		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	207-08-9	Benzo(k)fluoranthene	0.036	mg/kg		1.1	11		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	65-85-0	Benzoic acid	0.096	mg/kg	U	1	24000		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	100-51-6	Benzyl alcohol	0.0037	mg/kg	U	120	605		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0013	mg/kg	U	18	18		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0024	mg/kg	U	0.22	0.22		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.17	mg/kg		0.02	37		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0012	mg/kg	U	298	298		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	85-68-7	Butyl benzylphthalate	0.0015	mg/kg	U	90	278		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	86-74-8	Carbazole	0.0092	mg/kg		7.5	7.5		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	218-01-9	Chrysene	0.085	mg/kg		1.1	106		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	53-70-3	Dibenzo(a,h)anthracene	0.015	mg/kg		0.1056	0.11		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	132-64-9	Dibenzofuran	0.0019	mg/kg	J	6.1	7.5		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	84-66-2	Diethyl phthalate	0.0035	mg/kg	U	100	4896		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	131-11-3	Dimethyl phthalate	0.0018	mg/kg	U	10	37		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	84-74-2	Di-n-butylphthalate	0.0037	mg/kg	J	0.011	605		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	117-84-0	Di-n-octylphthalate	0.0012	mg/kg	U	0.91	60		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	206-44-0	Fluoranthene	0.13	mg/kg		1.1	230		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	86-73-7	Fluorene	0.0038	mg/kg	J	29	230		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	118-74-1	Hexachlorobenzene	0.0021	mg/kg	U	0.075	0.075		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	77-47-4	Hexachlorocyclopentadiene	0.015	mg/kg	U	0.001	0.17		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	67-72-1	Hexachloroethane	0.0022	mg/kg	U	0.024	1.7		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.055	mg/kg		1.1	1.1		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	78-59-1	Isophorone	0.0016	mg/kg	U	547	547		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	91-20-3	Naphthalene	0.0022	mg/kg	J	1.9	1.9		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	98-95-3	Nitrobenzene	0.002	mg/kg	U	2.2	4.9		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	62-75-9	N-Nitrosodimethylamine	0.0061	mg/kg	U	0.0019	0.0019		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0032	mg/kg	U	0.075	0.075		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	86-30-6	N-Nitrosodiphenylamine	0.0022	mg/kg	U	0.55	106		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	87-86-5	Pentachlorophenol	0.0085	mg/kg	U	0.96	1		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	85-01-8	Phenanthrene	0.059	mg/kg		29	1728		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	108-95-2	Phenol	0.0019	mg/kg	U	0.79	1824		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	8270C	129-00-0	Pyrene	0.12	mg/kg		1.1	173		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.110045	mg/kg					
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.738	mg/kg		1.1			
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.0815	mg/kg		29			
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	Krone	1002-53-5	Dibutyltin	0.00029	mg/kg	U	1.8	1.8		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	Krone	78763-54-9	Monobutyltin	0.00025	mg/kg	U	2.2	2.2		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	Krone	688-73-3	Tributyltin	0.00036	mg/kg	U	2.2	2.2		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	NWTPH-Dx	TPH-D	Diesel Range Organics	50	mg/kg		260	1100		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	NWTPH-Dx	MOIL	Residual Range Organics	82	mg/kg	J	260	2800		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	NWTPH-Gx	TPH-G	Gasoline Range Organics	1.5	mg/kg	U	120	1200		
LD-03	723607.305	7834297.744	3/20/2009	1 - 3	SO	N	090320-LD-3So-1-3	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.022	mg/kg		0.0073	0.23		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	6010B	7429-90-5	Aluminum	12200	mg/kg		50	7392		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	6010B	7440-39-3	Barium	111	mg/kg		330	1440		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	6010B	7440-41-7	Beryllium	0.35	mg/kg	J	15	15		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	6010B	7440-70-2	Calcium	6400	mg/kg	J				
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	6010B	7440-47-3	Chromium	12	mg/kg	J	0.29	0.29		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	6010B	7440-48-4	Cobalt	10.6	mg/kg		2.2	2.2		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	6010B	7440-50-8	Copper	32.6	mg/kg	J	28	298		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	6010B	7439-89-6	Iron	28000	mg/kg		5280	5280		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	6010B	7439-92-1	Lead	279	mg/kg		11	192		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	6010B	7439-95-4	Magnesium	6020	mg/kg					
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	6010B	7439-96-5	Manganese	360	mg/kg		173	173		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	6010B	7440-02-0	Nickel	16.7	mg/kg	J	38	134		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	6010B	7440-09-7	Potassium	630	mg/kg					
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	6010B	7440-23-5	Sodium	453	mg/kg					
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	6010B	7440-62-2	Vanadium	84.7	mg/kg		7.8	37		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	6010B	7440-66-6	Zinc	56.6	mg/kg	J	46	2208		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	6020	7440-36-0	Antimony	0.13	mg/kg	J	0.27	3		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	6020	7440-38-2	Arsenic	3.86	mg/kg		0.43	0.43		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	6020	7440-43-9	Cadmium	0.235	mg/kg		0.36	0.68		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	6020	7782-49-2	Selenium	0.8	mg/kg	J	0.52	37		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	6020	7440-22-4	Silver	0.066	mg/kg		4.2	37		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	6020	7440-28-0	Thallium	0.083	mg/kg		0.05	0.075		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	7471A	7439-97-6	Mercury	0.017	mg/kg	J	0.013	1.1		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8081A	72-54-8	4,4'-DDD	0.00011	mg/kg	U	0.021	2.2		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8081A	72-55-9	4,4'-DDE	0.00011	mg/kg	U	0.021	1.8		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8081A	50-29-3	4,4'-DDT	0.00084	mg/kg	J	0.021	1.8		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8081A	309-00-2	Aldrin	0.00016	mg/kg	U	0.000085	0.031		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8081A	319-84-6	alpha-BHC	0.00011	mg/kg	U	0.0096	0.083		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8081A	5103-71-9	alpha-Chlordane	0.0001	mg/kg	U	0.27	1.7		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8081A	319-85-7	beta-BHC	0.00018	mg/kg	U	0.0096	0.086		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8081A	319-86-8	delta-BHC	0.000074	mg/kg	U	0.0096	0.083		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8081A	60-57-1	Dieldrin	0.00014	mg/kg	U	0.0049	0.033		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8081A	959-98-8	Endosulfan I	0.000063	mg/kg	U	0.64	45		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8081A	33213-65-9	Endosulfan II	0.00014	mg/kg	U	0.64	45		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8081A	1031-07-8	Endosulfan sulfate	0.00011	mg/kg	U	0.64	36		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8081A	72-20-8	Endrin	0.000094	mg/kg	U	0.0014	1.8		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8081A	7421-93-4	Endrin aldehyde	0.00012	mg/kg	U	0.0014	1.8		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8081A	53494-70-5	Endrin ketone	0.000093	mg/kg	U	0.0014	1.8		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8081A	58-89-9	gamma-BHC (Lindane)	0.00008	mg/kg	U	0.0096	0.49		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8081A	5103-74-2	gamma-Chlordane	0.00009	mg/kg	U	0.27	1.7		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8081A	76-44-8	Heptachlor	0.00012	mg/kg	U	0.0016	0.11		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8081A	1024-57-3	Heptachlor epoxide	0.000084	mg/kg	U	0.00015	0.055		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8081A	72-43-5	Methoxychlor	0.00019	mg/kg	U	5.1	31		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8081A	8001-35-2	Toxaphene	0.0048	mg/kg	U	0.47	0.47		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8082	12674-11-2	Aroclor-1016	0.0021	mg/kg	U	0.041	0.1		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8082	11104-28-2	Aroclor-1221	0.0021	mg/kg	U	0.041	0.19		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8082	11141-16-5	Aroclor-1232	0.0021	mg/kg	U	0.041	0.16		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8082	53469-21-9	Aroclor-1242	0.0021	mg/kg	U	0.041	0.22		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8082	12672-29-6	Aroclor-1248	0.0021	mg/kg	U	0.041	0.22		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8082	11097-69-1	Aroclor-1254	0.0021	mg/kg	U	0.029	0.029		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8082	11096-82-5	Aroclor-1260	0.0021	mg/kg	U	0.041	0.23		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8082	37324-23-5	Aroclor-1262	0.0021	mg/kg	U	0.041			
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8082	11100-14-4	Aroclor-1268	0.0021	mg/kg	U	0.041	0.2304		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00018	mg/kg	U	0.07	1.9		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	71-55-6	1,1,1-Trichloroethane	0.00015	mg/kg	U	260	778		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000089	mg/kg	U	0.13	0.58		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	79-00-5	1,1,2-Trichloroethane	0.000088	mg/kg	U	0.14	0.14		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	75-34-3	1,1-Dichloroethane	0.000048	mg/kg	U	3.5	3.5		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	75-35-4	1,1-Dichloroethene	0.00007	mg/kg	U	11	22		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	563-58-6	1,1-Dichloropropene	0.00015	mg/kg	U	0.001	1.7		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00014	mg/kg	U	6	6		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	96-18-4	1,2,3-Trichloropropane	0.00027	mg/kg	U	0.0049	0.0049		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00022	mg/kg	U	0.27	5.6		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	95-63-6	1,2,4-Trimethylbenzene	0.000093	mg/kg	U	0.09	29		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.00078	mg/kg	U	0.0051	0.0051		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00019	mg/kg	U	0.035	0.035		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	95-50-1	1,2-Dichlorobenzene	0.000063	mg/kg	U	0.92	173		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	107-06-2	1,2-Dichloroethane	0.000054	mg/kg	U	0.44	0.44		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	78-87-5	1,2-Dichloropropane	0.000065	mg/kg	U	0.28	1.5		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	108-67-8	1,3,5-Trimethylbenzene	0.00004	mg/kg	U	0.16	26		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	541-73-1	1,3-Dichlorobenzene	0.00007	mg/kg	U	0.74	2.5		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	142-28-9	1,3-Dichloropropane	0.000059	mg/kg	U	0.28	154		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	106-46-7	1,4-Dichlorobenzene	0.0001	mg/kg	U	0.89	2.5		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	594-20-7	2,2-Dichloropropane	0.0001	mg/kg	U	0.28	1.5		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	95-49-8	2-Chlorotoluene	0.000051	mg/kg	U	154	154		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	591-78-6	2-Hexanone	0.00078	mg/kg	U	0.36	19		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	106-43-4	4-Chlorotoluene	0.000092	mg/kg	U	154	154		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	67-64-1	Acetone	0.0079	mg/kg	J	1.2	6720		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	71-43-2	Benzene	0.00021	mg/kg	J	1.2	1.2		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	108-86-1	Bromobenzene	0.000092	mg/kg	U	28	28		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	74-97-5	Bromochloromethane	0.00025	mg/kg	U	3.4	3.4		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	75-27-4	Bromodichloromethane	0.000044	mg/kg	U	0.28	0.28		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	75-25-2	Bromoform	0.00025	mg/kg	U	0.07	18		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	74-83-9	Bromomethane	0.0044	mg/kg	J	0.002	0.65		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	75-15-0	Carbon disulfide	0.0016	mg/kg	J	0.81	74		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	56-23-5	Carbon tetrachloride	0.000078	mg/kg	U	0.62	0.62		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	108-90-7	Chlorobenzene	0.000054	mg/kg	U	2.4	27		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	75-00-3	Chloroethane	0.0003	mg/kg	U	518	518		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	67-66-3	Chloroform	0.000048	mg/kg	U	0.31	0.31		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	74-87-3	Chloromethane	0.000057	mg/kg	U	11	11		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	156-59-2	cis-1,2-Dichloroethene	0.000081	mg/kg	U	6	6		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000031	mg/kg	U	0.001	1.7		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	124-48-1	Dibromochloromethane	0.00016	mg/kg	U	3.7	3.7		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	74-95-3	Dibromomethane	0.00018	mg/kg	U	2.304	2.3		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	75-71-8	Dichlorodifluoromethane	0.000072	mg/kg	U	8.4	8.4		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	100-41-4	Ethylbenzene	0.000041	mg/kg	U	0.27	5.6		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	87-68-3	Hexachlorobutadiene	0.00017	mg/kg	U	0.009	1.2		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	98-82-8	Isopropylbenzene	0.000031	mg/kg	U	0.04	182		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	179601-23-1	m,p-Xylene	0.000093	mg/kg	U	1.4	53		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	78-93-3	MEK (2-Butanone)	0.0016	mg/kg	U	350	2592		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	75-09-2	Methylene chloride	0.00014	mg/kg	U	2.6	34		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00024	mg/kg	U	9.7	3168		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	91-20-3	Naphthalene	0.0005	mg/kg	J	1.9	1.9		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	104-51-8	n-Butylbenzene	0.000088	mg/kg	U	374	374		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	103-65-1	n-Propylbenzene	0.000062	mg/kg	U	365	365		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	95-47-6	o-Xylene	0.000059	mg/kg	U	1.4	61		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	99-87-6	p-Cymene	0.000083	mg/kg	U	0.18	182		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	135-98-8	sec-Butylbenzene	0.000065	mg/kg	U	749	749		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	100-42-5	Styrene	0.000076	mg/kg	U	1.2	576		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	98-06-6	tert-Butylbenzene	0.000054	mg/kg	U	749	749		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	127-18-4	Tetrachloroethene	0.00012	mg/kg	U	0.18	7.8		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	108-88-3	Toluene	0.000044	mg/kg	U	23	470		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	156-60-5	trans-1,2-Dichloroethene	0.000048	mg/kg	U	6.7	6.7		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0001	mg/kg	U	0.001	1.7		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	79-01-6	Trichloroethene	0.00013	mg/kg	U	0.39	0.39		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	75-69-4	Trichlorofluoromethane	0.000054	mg/kg	U	52	2208		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	108-05-4	Vinyl acetate	0.0006	mg/kg	U	87	87		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8260B	75-01-4	Vinyl chloride	0.000057	mg/kg	U	0.057	0.057		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	95-95-4	2,4,5-Trichlorophenol	0.003	mg/kg	U	4	605		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	88-06-2	2,4,6-Trichlorophenol	0.0018	mg/kg	U	6	6		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	120-83-2	2,4-Dichlorophenol	0.0018	mg/kg	U	0.05	18		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	105-67-9	2,4-Dimethylphenol	0.0055	mg/kg	U	0.04	125		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	51-28-5	2,4-Dinitrophenol	0.036	mg/kg	U	0.061	12		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	121-14-2	2,4-Dinitrotoluene	0.0028	mg/kg	U	1.6	1.6		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	606-20-2	2,6-Dinitrotoluene	0.0028	mg/kg	U	0.3456	0.35		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	91-58-7	2-Chloronaphthalene	0.0036	mg/kg	U	461	461		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	95-57-8	2-Chlorophenol	0.0017	mg/kg	U	0.39	37		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	91-57-6	2-Methylnaphthalene	0.0012	mg/kg	U	23	23		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	95-48-7	2-Methylphenol	0.0034	mg/kg	U	0.67	307		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	88-74-4	2-Nitroaniline	0.0027	mg/kg	U	5.3	60		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	88-75-5	2-Nitrophenol	0.0026	mg/kg	U	5.1	1824		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	91-94-1	3,3'-Dichlorobenzidine	0.0037	mg/kg	U	0.03	1.2		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	99-09-2	3-Nitroaniline	0.0026	mg/kg	U	0.02	60		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.0017	mg/kg	U	0.49	0.49		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0014	mg/kg	U				
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	59-50-7	4-Chloro-3-methylphenol	0.0021	mg/kg	U	605	605		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	106-47-8	4-Chloroaniline	0.0021	mg/kg	U	1	2.6		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.002	mg/kg	U				
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	106-44-5	4-Methylphenol	0.0029	mg/kg	U	0.08	125		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	100-01-6	4-Nitroaniline	0.0034	mg/kg	U	0.02	24		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	100-02-7	4-Nitrophenol	0.03	mg/kg	U	5.1	1824		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	83-32-9	Acenaphthene	0.0015	mg/kg	J	29	346		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	208-96-8	Acenaphthylene	0.0014	mg/kg	U	1.9	1.9		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	62-53-3	Aniline	0.0015	mg/kg	U	42	42		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	120-12-7	Anthracene	0.002	mg/kg	J	29	1728		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	56-55-3	Benzo(a)anthracene	0.027	mg/kg		1.1	1.1		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	50-32-8	Benzo(a)pyrene	0.038	mg/kg		0.11	0.11		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	205-99-2	Benzo(b)fluoranthene	0.053	mg/kg		1.1	1.1		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	191-24-2	Benzo(g,h,i)perylene	0.042	mg/kg		1.1	173		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	207-08-9	Benzo(k)fluoranthene	0.019	mg/kg		1.1	11		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	65-85-0	Benzoic acid	0.096	mg/kg	U	1	24000		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	100-51-6	Benzyl alcohol	0.0037	mg/kg	U	120	605		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0013	mg/kg	U	18	18		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0024	mg/kg	U	0.22	0.22		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.17	mg/kg		0.02	37		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0012	mg/kg	U	298	298		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	85-68-7	Butyl benzylphthalate	0.0015	mg/kg	U	90	278		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	86-74-8	Carbazole	0.0014	mg/kg	J	7.5	7.5		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	218-01-9	Chrysene	0.039	mg/kg		1.1	106		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	53-70-3	Dibenzo(a,h)anthracene	0.0097	mg/kg		0.1056	0.11		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	132-64-9	Dibenzofuran	0.0013	mg/kg	U	6.1	7.5		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	84-66-2	Diethyl phthalate	0.0035	mg/kg	U	100	4896		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	131-11-3	Dimethyl phthalate	0.0018	mg/kg	U	10	37		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	84-74-2	Di-n-butylphthalate	0.0026	mg/kg	U	0.011	605		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	117-84-0	Di-n-octylphthalate	0.0012	mg/kg	U	0.91	60		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	206-44-0	Fluoranthene	0.036	mg/kg		1.1	230		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	86-73-7	Fluorene	0.0017	mg/kg	U	29	230		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	118-74-1	Hexachlorobenzene	0.0021	mg/kg	U	0.075	0.075		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	77-47-4	Hexachlorocyclopentadiene	0.015	mg/kg	U	0.001	0.17		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	67-72-1	Hexachloroethane	0.0022	mg/kg	U	0.024	1.7		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.035	mg/kg		1.1	1.1		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	78-59-1	Isophorone	0.0016	mg/kg	U	547	547		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	98-95-3	Nitrobenzene	0.002	mg/kg	U	2.2	4.9		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	62-75-9	N-Nitrosodimethylamine	0.0061	mg/kg	U	0.0019	0.0019		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0032	mg/kg	U	0.075	0.075		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	86-30-6	N-Nitrosodiphenylamine	0.0022	mg/kg	U	0.55	106		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	87-86-5	Pentachlorophenol	0.0085	mg/kg	U	0.96	1		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	85-01-8	Phenanthrene	0.016	mg/kg		29	1728		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	108-95-2	Phenol	0.002	mg/kg	J	0.79	1824		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	8270C	129-00-0	Pyrene	0.047	mg/kg		1.1	173		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.059429	mg/kg					
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.346	mg/kg		1.1			
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.0235	mg/kg		29			
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	Krone	1002-53-5	Dibutyltin	0.00027	mg/kg	U	1.8	1.8		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	Krone	78763-54-9	Monobutyltin	0.00024	mg/kg	U	2.2	2.2		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	Krone	688-73-3	Tributyltin	0.00034	mg/kg	U	2.2	2.2		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	NWTPH-Dx	TPH-D	Diesel Range Organics	5.9	mg/kg	J	260	1100		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	NWTPH-Dx	MOIL	Residual Range Organics	21	mg/kg	J	260	2800		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	NWTPH-Gx	TPH-G	Gasoline Range Organics	1.5	mg/kg	U	120	1200		
LD-04	723575.697	7834228.431	3/20/2009	0 - 1	SO	N	090320-LD-4So-0-1	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0042	mg/kg	U	0.0073	0.23		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	6010B	7429-90-5	Aluminum	15000	mg/kg		50	7392		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	6010B	7440-39-3	Barium	93.7	mg/kg		330	1440		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	6010B	7440-41-7	Beryllium	0.41	mg/kg	J	15	15		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	6010B	7440-70-2	Calcium	7470	mg/kg	J				
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	6010B	7440-47-3	Chromium	16.8	mg/kg	J	0.29	0.29		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	6010B	7440-48-4	Cobalt	14.4	mg/kg		2.2	2.2		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	6010B	7440-50-8	Copper	51.7	mg/kg	J	28	298		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	6010B	7439-89-6	Iron	27200	mg/kg		5280	5280		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	6010B	7439-92-1	Lead	13.4	mg/kg		11	192		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	6010B	7439-95-4	Magnesium	8140	mg/kg					
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	6010B	7439-96-5	Manganese	430	mg/kg		173	173		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	6010B	7440-02-0	Nickel	19.4	mg/kg	J	38	134		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	6010B	7440-09-7	Potassium	860	mg/kg					
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	6010B	7440-23-5	Sodium	365	mg/kg					
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	6010B	7440-62-2	Vanadium	69.4	mg/kg		7.8	37		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	6010B	7440-66-6	Zinc	50	mg/kg	J	46	2208		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	6020	7440-36-0	Antimony	0.07	mg/kg	J	0.27	3		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	6020	7440-38-2	Arsenic	6.44	mg/kg		0.43	0.43		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	6020	7440-43-9	Cadmium	0.077	mg/kg		0.36	0.68		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	6020	7782-49-2	Selenium	0.6	mg/kg	J	0.52	37		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	6020	7440-22-4	Silver	0.052	mg/kg	J	4.2	37		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	6020	7440-28-0	Thallium	0.126	mg/kg		0.05	0.075		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	7471A	7439-97-6	Mercury	0.057	mg/kg		0.013	1.1		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8081A	72-54-8	4,4'-DDD	0.00011	mg/kg	U	0.021	2.2		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8081A	72-55-9	4,4'-DDE	0.00011	mg/kg	U	0.021	1.8		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8081A	50-29-3	4,4'-DDT	0.00017	mg/kg	U	0.021	1.8		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8081A	309-00-2	Aldrin	0.00016	mg/kg	U	0.000085	0.031		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8081A	319-84-6	alpha-BHC	0.00011	mg/kg	U	0.0096	0.083		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8081A	5103-71-9	alpha-Chlordane	0.0001	mg/kg	U	0.27	1.7		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8081A	319-85-7	beta-BHC	0.00018	mg/kg	U	0.0096	0.086		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8081A	319-86-8	delta-BHC	0.000074	mg/kg	U	0.0096	0.083		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8081A	60-57-1	Dieldrin	0.00014	mg/kg	U	0.0049	0.033		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8081A	959-98-8	Endosulfan I	0.000063	mg/kg	U	0.64	45		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8081A	33213-65-9	Endosulfan II	0.00014	mg/kg	U	0.64	45		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8081A	1031-07-8	Endosulfan sulfate	0.00011	mg/kg	U	0.64	36		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8081A	72-20-8	Endrin	0.000094	mg/kg	U	0.0014	1.8		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8081A	7421-93-4	Endrin aldehyde	0.00012	mg/kg	U	0.0014	1.8		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8081A	53494-70-5	Endrin ketone	0.000093	mg/kg	U	0.0014	1.8		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8081A	58-89-9	gamma-BHC (Lindane)	0.00008	mg/kg	U	0.0096	0.49		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8081A	5103-74-2	gamma-Chlordane	0.00009	mg/kg	U	0.27	1.7		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8081A	76-44-8	Heptachlor	0.00012	mg/kg	U	0.0016	0.11		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8081A	1024-57-3	Heptachlor epoxide	0.000084	mg/kg	U	0.00015	0.055		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8081A	72-43-5	Methoxychlor	0.00019	mg/kg	U	5.1	31		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8081A	8001-35-2	Toxaphene	0.0048	mg/kg	U	0.47	0.47		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8082	12674-11-2	Aroclor-1016	0.0021	mg/kg	U	0.041	0.1		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8082	11104-28-2	Aroclor-1221	0.0021	mg/kg	U	0.041	0.19		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8082	11141-16-5	Aroclor-1232	0.0021	mg/kg	U	0.041	0.16		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8082	53469-21-9	Aroclor-1242	0.0021	mg/kg	U	0.041	0.22		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8082	12672-29-6	Aroclor-1248	0.0021	mg/kg	U	0.041	0.22		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8082	11097-69-1	Aroclor-1254	0.0021	mg/kg	U	0.029	0.029		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8082	11096-82-5	Aroclor-1260	0.0021	mg/kg	U	0.041	0.23		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8082	37324-23-5	Aroclor-1262	0.0021	mg/kg	U	0.041			
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8082	11100-14-4	Aroclor-1268	0.0021	mg/kg	U	0.041	0.2304		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00018	mg/kg	U	0.07	1.9		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	71-55-6	1,1,1-Trichloroethane	0.00015	mg/kg	U	260	778		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000089	mg/kg	U	0.13	0.58		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	79-00-5	1,1,2-Trichloroethane	0.000088	mg/kg	U	0.14	0.14		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	75-34-3	1,1-Dichloroethane	0.000048	mg/kg	U	3.5	3.5		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	75-35-4	1,1-Dichloroethene	0.00007	mg/kg	U	11	22		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	563-58-6	1,1-Dichloropropene	0.00015	mg/kg	U	0.001	1.7		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00014	mg/kg	U	6	6		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	96-18-4	1,2,3-Trichloropropane	0.00027	mg/kg	U	0.0049	0.0049		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00022	mg/kg	U	0.27	5.6		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	95-63-6	1,2,4-Trimethylbenzene	0.000093	mg/kg	U	0.09	29		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.00078	mg/kg	U	0.0051	0.0051		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00019	mg/kg	U	0.035	0.035		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	95-50-1	1,2-Dichlorobenzene	0.000063	mg/kg	U	0.92	173		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	107-06-2	1,2-Dichloroethane	0.000054	mg/kg	U	0.44	0.44		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	78-87-5	1,2-Dichloropropane	0.000065	mg/kg	U	0.28	1.5		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	108-67-8	1,3,5-Trimethylbenzene	0.00004	mg/kg	U	0.16	26		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	541-73-1	1,3-Dichlorobenzene	0.00007	mg/kg	U	0.74	2.5		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	142-28-9	1,3-Dichloropropane	0.000059	mg/kg	U	0.28	154		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	106-46-7	1,4-Dichlorobenzene	0.0001	mg/kg	U	0.89	2.5		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	594-20-7	2,2-Dichloropropane	0.0001	mg/kg	U	0.28	1.5		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	95-49-8	2-Chlorotoluene	0.000051	mg/kg	U	154	154		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	591-78-6	2-Hexanone	0.00078	mg/kg	U	0.36	19		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	106-43-4	4-Chlorotoluene	0.000092	mg/kg	U	154	154		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	67-64-1	Acetone	0.01	mg/kg	J	1.2	6720		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	71-43-2	Benzene	0.00014	mg/kg	U	1.2	1.2		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	108-86-1	Bromobenzene	0.000092	mg/kg	U	28	28		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	74-97-5	Bromochloromethane	0.00025	mg/kg	U	3.4	3.4		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	75-27-4	Bromodichloromethane	0.000044	mg/kg	U	0.28	0.28		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	75-25-2	Bromoform	0.00025	mg/kg	U	0.07	18		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	74-83-9	Bromomethane	0.00042	mg/kg	U	0.002	0.65		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	75-15-0	Carbon disulfide	0.00058	mg/kg	J	0.81	74		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	56-23-5	Carbon tetrachloride	0.000078	mg/kg	U	0.62	0.62		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	108-90-7	Chlorobenzene	0.000054	mg/kg	U	2.4	27		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	75-00-3	Chloroethane	0.0003	mg/kg	U	518	518		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	67-66-3	Chloroform	0.000048	mg/kg	U	0.31	0.31		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	74-87-3	Chloromethane	0.000057	mg/kg	U	11	11		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	156-59-2	cis-1,2-Dichloroethene	0.000081	mg/kg	U	6	6		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000031	mg/kg	U	0.001	1.7		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	124-48-1	Dibromochloromethane	0.00016	mg/kg	U	3.7	3.7		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	74-95-3	Dibromomethane	0.00018	mg/kg	U	2.304	2.3		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	75-71-8	Dichlorodifluoromethane	0.000072	mg/kg	U	8.4	8.4		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	100-41-4	Ethylbenzene	0.000041	mg/kg	U	0.27	5.6		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	87-68-3	Hexachlorobutadiene	0.00017	mg/kg	U	0.009	1.2		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	98-82-8	Isopropylbenzene	0.000031	mg/kg	U	0.04	182		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	179601-23-1	m,p-Xylene	0.000093	mg/kg	U	1.4	53		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	78-93-3	MEK (2-Butanone)	0.0016	mg/kg	U	350	2592		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	75-09-2	Methylene chloride	0.00031	mg/kg	J	2.6	34		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00024	mg/kg	U	9.7	3168		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	91-20-3	Naphthalene	0.00032	mg/kg	U	1.9	1.9		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	104-51-8	n-Butylbenzene	0.000088	mg/kg	U	374	374		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	103-65-1	n-Propylbenzene	0.000062	mg/kg	U	365	365		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	95-47-6	o-Xylene	0.000059	mg/kg	U	1.4	61		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	99-87-6	p-Cymene	0.000083	mg/kg	U	0.18	182		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	135-98-8	sec-Butylbenzene	0.000065	mg/kg	U	749	749		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	100-42-5	Styrene	0.000076	mg/kg	U	1.2	576		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	98-06-6	tert-Butylbenzene	0.000054	mg/kg	U	749	749		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	127-18-4	Tetrachloroethene	0.00012	mg/kg	U	0.18	7.8		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	108-88-3	Toluene	0.00014	mg/kg	J	23	470		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	156-60-5	trans-1,2-Dichloroethene	0.000048	mg/kg	U	6.7	6.7		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0001	mg/kg	U	0.001	1.7		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	79-01-6	Trichloroethene	0.00013	mg/kg	U	0.39	0.39		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	75-69-4	Trichlorofluoromethane	0.000054	mg/kg	U	52	2208		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	108-05-4	Vinyl acetate	0.0006	mg/kg	U	87	87		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8260B	75-01-4	Vinyl chloride	0.000057	mg/kg	U	0.057	0.057		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	95-95-4	2,4,5-Trichlorophenol	0.003	mg/kg	U	4	605		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	88-06-2	2,4,6-Trichlorophenol	0.0018	mg/kg	U	6	6		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	120-83-2	2,4-Dichlorophenol	0.0018	mg/kg	U	0.05	18		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	105-67-9	2,4-Dimethylphenol	0.0055	mg/kg	U	0.04	125		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	51-28-5	2,4-Dinitrophenol	0.036	mg/kg	U	0.061	12		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	121-14-2	2,4-Dinitrotoluene	0.0028	mg/kg	U	1.6	1.6		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	606-20-2	2,6-Dinitrotoluene	0.0028	mg/kg	U	0.3456	0.35		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	91-58-7	2-Chloronaphthalene	0.0036	mg/kg	U	461	461		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	95-57-8	2-Chlorophenol	0.0017	mg/kg	U	0.39	37		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	91-57-6	2-Methylnaphthalene	0.0012	mg/kg	U	23	23		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	95-48-7	2-Methylphenol	0.0034	mg/kg	U	0.67	307		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	88-74-4	2-Nitroaniline	0.0027	mg/kg	U	5.3	60		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	88-75-5	2-Nitrophenol	0.0026	mg/kg	U	5.1	1824		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	91-94-1	3,3'-Dichlorobenzidine	0.0037	mg/kg	U	0.03	1.2		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	99-09-2	3-Nitroaniline	0.0026	mg/kg	U	0.02	60		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.0017	mg/kg	U	0.49	0.49		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0014	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	59-50-7	4-Chloro-3-methylphenol	0.0021	mg/kg	U	605	605		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	106-47-8	4-Chloroaniline	0.0021	mg/kg	U	1	2.6		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.002	mg/kg	U				
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	106-44-5	4-Methylphenol	0.0029	mg/kg	U	0.08	125		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	100-01-6	4-Nitroaniline	0.0034	mg/kg	U	0.02	24		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	100-02-7	4-Nitrophenol	0.03	mg/kg	U	5.1	1824		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	83-32-9	Acenaphthene	0.001	mg/kg	U	29	346		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	208-96-8	Acenaphthylene	0.0014	mg/kg	U	1.9	1.9		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	62-53-3	Aniline	0.0015	mg/kg	U	42	42		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	120-12-7	Anthracene	0.0014	mg/kg	U	29	1728		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	56-55-3	Benzo(a)anthracene	0.0014	mg/kg	U	1.1	1.1		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	50-32-8	Benzo(a)pyrene	0.0016	mg/kg	U	0.11	0.11		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	205-99-2	Benzo(b)fluoranthene	0.0025	mg/kg	U	1.1	1.1		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	191-24-2	Benzo(g,h,i)perylene	0.0023	mg/kg	U	1.1	173		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	207-08-9	Benzo(k)fluoranthene	0.0025	mg/kg	U	1.1	11		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	65-85-0	Benzoic acid	0.096	mg/kg	U	1	24000		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	100-51-6	Benzyl alcohol	0.0037	mg/kg	U	120	605		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0013	mg/kg	U	18	18		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0024	mg/kg	U	0.22	0.22		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.015	mg/kg	J	0.02	37		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0012	mg/kg	U	298	298		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	85-68-7	Butyl benzylphthalate	0.0015	mg/kg	U	90	278		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	86-74-8	Carbazole	0.0013	mg/kg	U	7.5	7.5		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	218-01-9	Chrysene	0.0018	mg/kg	J	1.1	106		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	53-70-3	Dibenzo(a,h)anthracene	0.0022	mg/kg	U	0.1056	0.11		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	132-64-9	Dibenzofuran	0.0013	mg/kg	U	6.1	7.5		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	84-66-2	Diethyl phthalate	0.0035	mg/kg	U	100	4896		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	131-11-3	Dimethyl phthalate	0.0018	mg/kg	U	10	37		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	84-74-2	Di-n-butylphthalate	0.0026	mg/kg	U	0.011	605		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	117-84-0	Di-n-octylphthalate	0.0012	mg/kg	U	0.91	60		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	206-44-0	Fluoranthene	0.0022	mg/kg	U	1.1	230		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	86-73-7	Fluorene	0.0017	mg/kg	U	29	230		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	118-74-1	Hexachlorobenzene	0.0021	mg/kg	U	0.075	0.075		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	77-47-4	Hexachlorocyclopentadiene	0.015	mg/kg	U	0.001	0.17		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	67-72-1	Hexachloroethane	0.0022	mg/kg	U	0.024	1.7		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0019	mg/kg	U	1.1	1.1		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	78-59-1	Isophorone	0.0016	mg/kg	U	547	547		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	98-95-3	Nitrobenzene	0.002	mg/kg	U	2.2	4.9		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	62-75-9	N-Nitrosodimethylamine	0.0061	mg/kg	U	0.0019	0.0019		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0032	mg/kg	U	0.075	0.075		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	86-30-6	N-Nitrosodiphenylamine	0.0022	mg/kg	U	0.55	106		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	87-86-5	Pentachlorophenol	0.0085	mg/kg	U	0.96	1		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	85-01-8	Phenanthrene	0.0013	mg/kg	U	29	1728		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	108-95-2	Phenol	0.003	mg/kg	J	0.79	1824		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	8270C	129-00-0	Pyrene	0.0021	mg/kg	J	1.1	173		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0150168	mg/kg					
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.0165	mg/kg		1.1			
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.0081	mg/kg	U	29			
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	Krone	1002-53-5	Dibutyltin	0.00027	mg/kg	U	1.8	1.8		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	Krone	78763-54-9	Monobutyltin	0.00024	mg/kg	U	2.2	2.2		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	Krone	688-73-3	Tributyltin	0.00034	mg/kg	U	2.2	2.2		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	NWTPH-Dx	TPH-D	Diesel Range Organics	5.9	mg/kg	J	260	1100		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	NWTPH-Dx	MOIL	Residual Range Organics	16	mg/kg	J	260	2800		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	NWTPH-Gx	TPH-G	Gasoline Range Organics	1.5	mg/kg	U	120	1200		
LD-04	723575.697	7834228.431	3/20/2009	1 - 3	SO	N	090320-LD-4So-1-3	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0042	mg/kg	U	0.0073	0.23		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6010B	7429-90-5	Aluminum	16100	mg/kg		50	7392		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6010B	7440-39-3	Barium	113	mg/kg		330	1440		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6010B	7440-41-7	Beryllium	0.37	mg/kg	J	15	15		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6010B	7440-70-2	Calcium	7290	mg/kg	J				
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6010B	7440-47-3	Chromium	35.7	mg/kg	J	0.29	0.29		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6010B	7440-48-4	Cobalt	13.3	mg/kg		2.2	2.2		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6010B	7440-50-8	Copper	165	mg/kg	J	28	298		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6010B	7439-89-6	Iron	40400	mg/kg		5280	5280		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6010B	7439-92-1	Lead	311	mg/kg		11	192		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6010B	7439-95-4	Magnesium	7470	mg/kg					
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6010B	7439-96-5	Manganese	500	mg/kg		173	173		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6010B	7440-02-0	Nickel	42.2	mg/kg	J	38	134		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6010B	7440-09-7	Potassium	835	mg/kg					
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6010B	7440-23-5	Sodium	470	mg/kg					
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6010B	7440-62-2	Vanadium	75	mg/kg		7.8	37		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6010B	7440-66-6	Zinc	210	mg/kg	J	46	2208		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6020	7440-36-0	Antimony	0.56	mg/kg	J	0.27	3		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6020	7440-38-2	Arsenic	5.04	mg/kg		0.43	0.43		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6020	7440-43-9	Cadmium	17.3	mg/kg		0.36	0.68		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6020	7782-49-2	Selenium	0.6	mg/kg	J	0.52	37		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6020	7440-22-4	Silver	0.431	mg/kg		4.2	37		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	6020	7440-28-0	Thallium	0.092	mg/kg		0.05	0.075		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	7471A	7439-97-6	Mercury	0.723	mg/kg		0.013	1.1		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	72-54-8	4,4'-DDD	0.0034	mg/kg	U	0.021	2.2		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	72-55-9	4,4'-DDE	0.0051	mg/kg	U	0.021	1.8		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	50-29-3	4,4'-DDT	0.14	mg/kg		0.021	1.8		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	309-00-2	Aldrin	0.0008	mg/kg	U	0.000085	0.031		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	319-84-6	alpha-BHC	0.00055	mg/kg	U	0.0096	0.083		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	5103-71-9	alpha-Chlordane	0.00081	mg/kg	U	0.27	1.7		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	319-85-7	beta-BHC	0.0009	mg/kg	U	0.0096	0.086		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	319-86-8	delta-BHC	0.00037	mg/kg	U	0.0096	0.083		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	60-57-1	Dieldrin	0.031	mg/kg	U	0.0049	0.033		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	959-98-8	Endosulfan I	0.0095	mg/kg	U	0.64	45		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	33213-65-9	Endosulfan II	0.0049	mg/kg	U	0.64	45		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	1031-07-8	Endosulfan sulfate	0.00063	mg/kg	J	0.64	36		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	72-20-8	Endrin	0.017	mg/kg		0.0014	1.8		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	7421-93-4	Endrin aldehyde	0.016	mg/kg		0.0014	1.8		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	53494-70-5	Endrin ketone	0.013	mg/kg		0.0014	1.8		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	58-89-9	gamma-BHC (Lindane)	0.0004	mg/kg	U	0.0096	0.49		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	5103-74-2	gamma-Chlordane	0.086	mg/kg		0.27	1.7		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	76-44-8	Heptachlor	0.0049	mg/kg	U	0.0016	0.11		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	1024-57-3	Heptachlor epoxide	0.00087	mg/kg	U	0.00015	0.055		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	72-43-5	Methoxychlor	0.0049	mg/kg	U	5.1	31		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8081A	8001-35-2	Toxaphene	2.9	mg/kg	U	0.47	0.47		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8082	12674-11-2	Aroclor-1016	0.011	mg/kg	U	0.041	0.1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8082	11104-28-2	Aroclor-1221	0.011	mg/kg	U	0.041	0.19		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8082	11141-16-5	Aroclor-1232	0.011	mg/kg	U	0.041	0.16		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8082	53469-21-9	Aroclor-1242	0.011	mg/kg	U	0.041	0.22		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8082	12672-29-6	Aroclor-1248	0.011	mg/kg	U	0.041	0.22		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8082	11097-69-1	Aroclor-1254	1.5	mg/kg		0.029	0.029		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8082	11096-82-5	Aroclor-1260	0.48	mg/kg		0.041	0.23		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8082	37324-23-5	Aroclor-1262	0.011	mg/kg	U	0.041			
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8082	11100-14-4	Aroclor-1268	0.011	mg/kg	U	0.041	0.2304		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00018	mg/kg	U	0.07	1.9		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	71-55-6	1,1,1-Trichloroethane	0.00058	mg/kg	J	260	778		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000089	mg/kg	U	0.13	0.58		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	79-00-5	1,1,2-Trichloroethane	0.000088	mg/kg	U	0.14	0.14		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	75-34-3	1,1-Dichloroethane	0.00029	mg/kg	J	3.5	3.5		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	75-35-4	1,1-Dichloroethene	0.00007	mg/kg	U	11	22		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	563-58-6	1,1-Dichloropropene	0.00015	mg/kg	U	0.001	1.7		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00014	mg/kg	U	6	6		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	96-18-4	1,2,3-Trichloropropane	0.00027	mg/kg	U	0.0049	0.0049		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00022	mg/kg	U	0.27	5.6		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00026	mg/kg	J	0.09	29		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.00078	mg/kg	U	0.0051	0.0051		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00019	mg/kg	U	0.035	0.035		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	95-50-1	1,2-Dichlorobenzene	0.000063	mg/kg	U	0.92	173		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	107-06-2	1,2-Dichloroethane	0.000054	mg/kg	U	0.44	0.44		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	78-87-5	1,2-Dichloropropane	0.000065	mg/kg	U	0.28	1.5		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000093	mg/kg	J	0.16	26		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	541-73-1	1,3-Dichlorobenzene	0.00007	mg/kg	U	0.74	2.5		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	142-28-9	1,3-Dichloropropane	0.000059	mg/kg	U	0.28	154		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	106-46-7	1,4-Dichlorobenzene	0.00016	mg/kg	J	0.89	2.5		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	594-20-7	2,2-Dichloropropane	0.0001	mg/kg	U	0.28	1.5		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	95-49-8	2-Chlorotoluene	0.000051	mg/kg	U	154	154		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	591-78-6	2-Hexanone	0.00078	mg/kg	U	0.36	19		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	106-43-4	4-Chlorotoluene	0.000092	mg/kg	U	154	154		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	67-64-1	Acetone	0.15	mg/kg		1.2	6720		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	71-43-2	Benzene	0.00045	mg/kg	J	1.2	1.2		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	108-86-1	Bromobenzene	0.000092	mg/kg	U	28	28		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	74-97-5	Bromochloromethane	0.00025	mg/kg	U	3.4	3.4		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	75-27-4	Bromodichloromethane	0.000044	mg/kg	U	0.28	0.28		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	75-25-2	Bromoform	0.00025	mg/kg	U	0.07	18		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	74-83-9	Bromomethane	0.0005	mg/kg	J	0.002	0.65		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	75-15-0	Carbon disulfide	0.00053	mg/kg	J	0.81	74		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	56-23-5	Carbon tetrachloride	0.000078	mg/kg	U	0.62	0.62		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	108-90-7	Chlorobenzene	0.000054	mg/kg	U	2.4	27		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	75-00-3	Chloroethane	0.0003	mg/kg	U	518	518		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	67-66-3	Chloroform	0.000048	mg/kg	U	0.31	0.31		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	74-87-3	Chloromethane	0.000057	mg/kg	U	11	11		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	156-59-2	cis-1,2-Dichloroethene	0.000081	mg/kg	U	6	6		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000031	mg/kg	U	0.001	1.7		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	124-48-1	Dibromochloromethane	0.00016	mg/kg	U	3.7	3.7		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	74-95-3	Dibromomethane	0.00018	mg/kg	U	2.304	2.3		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	75-71-8	Dichlorodifluoromethane	0.016	mg/kg		8.4	8.4		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	100-41-4	Ethylbenzene	0.00018	mg/kg	J	0.27	5.6		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	87-68-3	Hexachlorobutadiene	0.00017	mg/kg	U	0.009	1.2		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	98-82-8	Isopropylbenzene	0.000031	mg/kg	U	0.04	182		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	179601-23-1	m,p-Xylene	0.00041	mg/kg	J	1.4	53		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	78-93-3	MEK (2-Butanone)	0.013	mg/kg	J	350	2592		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	75-09-2	Methylene chloride	0.00077	mg/kg	J	2.6	34		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00055	mg/kg	J	9.7	3168		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	104-51-8	n-Butylbenzene	0.000088	mg/kg	U	374	374		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	103-65-1	n-Propylbenzene	0.000062	mg/kg	U	365	365		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	95-47-6	o-Xylene	0.00018	mg/kg	J	1.4	61		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	99-87-6	p-Cymene	0.00035	mg/kg	J	0.18	182		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	135-98-8	sec-Butylbenzene	0.000065	mg/kg	U	749	749		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	100-42-5	Styrene	0.000076	mg/kg	U	1.2	576		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	98-06-6	tert-Butylbenzene	0.000054	mg/kg	U	749	749		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	127-18-4	Tetrachloroethene	0.00012	mg/kg	U	0.18	7.8		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	108-88-3	Toluene	0.00063	mg/kg	J	23	470		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	156-60-5	trans-1,2-Dichloroethene	0.000048	mg/kg	U	6.7	6.7		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0001	mg/kg	U	0.001	1.7		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	79-01-6	Trichloroethene	0.00013	mg/kg	U	0.39	0.39		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	75-69-4	Trichlorofluoromethane	0.000054	mg/kg	U	52	2208		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	108-05-4	Vinyl acetate	0.0006	mg/kg	U	87	87		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8260B	75-01-4	Vinyl chloride	0.000057	mg/kg	U	0.057	0.057		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	95-95-4	2,4,5-Trichlorophenol	0.003	mg/kg	U	4	605		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	88-06-2	2,4,6-Trichlorophenol	0.0018	mg/kg	U	6	6		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	120-83-2	2,4-Dichlorophenol	0.0018	mg/kg	U	0.05	18		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	105-67-9	2,4-Dimethylphenol	0.0055	mg/kg	U	0.04	125		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	51-28-5	2,4-Dinitrophenol	0.036	mg/kg	U	0.061	12		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	121-14-2	2,4-Dinitrotoluene	0.0028	mg/kg	U	1.6	1.6		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	606-20-2	2,6-Dinitrotoluene	0.0028	mg/kg	U	0.3456	0.35		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	91-58-7	2-Chloronaphthalene	0.0036	mg/kg	U	461	461		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	95-57-8	2-Chlorophenol	0.0017	mg/kg	U	0.39	37		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	91-57-6	2-Methylnaphthalene	0.0069	mg/kg		23	23		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	95-48-7	2-Methylphenol	0.0034	mg/kg	U	0.67	307		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	88-74-4	2-Nitroaniline	0.0027	mg/kg	U	5.3	60		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	88-75-5	2-Nitrophenol	0.0026	mg/kg	U	5.1	1824		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	91-94-1	3,3'-Dichlorobenzidine	0.0037	mg/kg	U	0.03	1.2		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	99-09-2	3-Nitroaniline	0.0026	mg/kg	U	0.02	60		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.0017	mg/kg	U	0.49	0.49		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0014	mg/kg	U				
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	59-50-7	4-Chloro-3-methylphenol	0.0021	mg/kg	U	605	605		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	106-47-8	4-Chloroaniline	0.0021	mg/kg	U	1	2.6		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.002	mg/kg	U				
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	106-44-5	4-Methylphenol	0.0029	mg/kg	U	0.08	125		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	100-01-6	4-Nitroaniline	0.0034	mg/kg	U	0.02	24		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	100-02-7	4-Nitrophenol	0.03	mg/kg	U	5.1	1824		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	83-32-9	Acenaphthene	0.03	mg/kg		29	346		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	208-96-8	Acenaphthylene	0.0046	mg/kg	J	1.9	1.9		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	62-53-3	Aniline	0.0015	mg/kg	U	42	42		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	120-12-7	Anthracene	0.09	mg/kg		29	1728		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	56-55-3	Benzo(a)anthracene	0.53	mg/kg		1.1	1.1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	50-32-8	Benzo(a)pyrene	0.45	mg/kg		0.11	0.11		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	205-99-2	Benzo(b)fluoranthene	0.64	mg/kg		1.1	1.1		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	191-24-2	Benzo(g,h,i)perylene	0.28	mg/kg		1.1	173		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	207-08-9	Benzo(k)fluoranthene	0.22	mg/kg		1.1	11		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	65-85-0	Benzoic acid	0.096	mg/kg	U	1	24000		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	100-51-6	Benzyl alcohol	0.0037	mg/kg	U	120	605		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0013	mg/kg	U	18	18		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0024	mg/kg	U	0.22	0.22		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.98	mg/kg		0.02	37		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0012	mg/kg	U	298	298		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	85-68-7	Butyl benzylphthalate	0.0015	mg/kg	U	90	278		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	86-74-8	Carbazole	0.046	mg/kg		7.5	7.5		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	218-01-9	Chrysene	0.62	mg/kg		1.1	106		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	53-70-3	Dibenzo(a,h)anthracene	0.091	mg/kg		0.1056	0.11		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	132-64-9	Dibenzofuran	0.01	mg/kg		6.1	7.5		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	84-66-2	Diethyl phthalate	0.0035	mg/kg	U	100	4896		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	131-11-3	Dimethyl phthalate	0.0018	mg/kg	U	10	37		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	84-74-2	Di-n-butylphthalate	0.046	mg/kg		0.011	605		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	117-84-0	Di-n-octylphthalate	0.0012	mg/kg	U	0.91	60		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	206-44-0	Fluoranthene	1.1	mg/kg		1.1	230		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	86-73-7	Fluorene	0.029	mg/kg		29	230		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	118-74-1	Hexachlorobenzene	0.0021	mg/kg	U	0.075	0.075		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	77-47-4	Hexachlorocyclopentadiene	0.015	mg/kg	U	0.001	0.17		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	67-72-1	Hexachloroethane	0.0022	mg/kg	U	0.024	1.7		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.32	mg/kg		1.1	1.1		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	78-59-1	Isophorone	0.0016	mg/kg	U	547	547		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	91-20-3	Naphthalene	0.0089	mg/kg		1.9	1.9		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	98-95-3	Nitrobenzene	0.002	mg/kg	U	2.2	4.9		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	62-75-9	N-Nitrosodimethylamine	0.0061	mg/kg	U	0.0019	0.0019		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0032	mg/kg	U	0.075	0.075		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	86-30-6	N-Nitrosodiphenylamine	0.0022	mg/kg	U	0.55	106		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	87-86-5	Pentachlorophenol	0.011	mg/kg	J	0.96	1		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	85-01-8	Phenanthrene	0.46	mg/kg		29	1728		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	108-95-2	Phenol	0.0037	mg/kg	J	0.79	1824		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	8270C	129-00-0	Pyrene	0.95	mg/kg		1.1	173		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.69282	mg/kg					
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	5.201	mg/kg		1.1			
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.623	mg/kg		29			
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	Krone	1002-53-5	Dibutyltin	0.0012	mg/kg	J	1.8	1.8		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	Krone	78763-54-9	Monobutyltin	0.0011	mg/kg	J	2.2	2.2		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	Krone	688-73-3	Tributyltin	0.00034	mg/kg	U	2.2	2.2		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	NWTPH-Dx	TPH-D	Diesel Range Organics	160	mg/kg		260	1100		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	NWTPH-Dx	MOIL	Residual Range Organics	270	mg/kg		260	2800		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	NWTPH-Gx	TPH-G	Gasoline Range Organics	1.5	mg/kg	U	120	1200		
LD-05	723575.886	7834301.171	3/20/2009	0 - 1	SO	N	090320-LD-5So-0-1	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	1.98	mg/kg		0.0073	0.23		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	6010B	7429-90-5	Aluminum	17400	mg/kg		50	7392		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	6010B	7440-39-3	Barium	138	mg/kg		330	1440		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	6010B	7440-41-7	Beryllium	0.5	mg/kg	J	15	15		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	6010B	7440-70-2	Calcium	9030	mg/kg	J				
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	6010B	7440-47-3	Chromium	29.3	mg/kg	J	0.29	0.29		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	6010B	7440-48-4	Cobalt	18.4	mg/kg		2.2	2.2		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	6010B	7440-50-8	Copper	64.8	mg/kg	J	28	298		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	6010B	7439-89-6	Iron	32500	mg/kg		5280	5280		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	6010B	7439-92-1	Lead	34.9	mg/kg		11	192		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	6010B	7439-95-4	Magnesium	10700	mg/kg					
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	6010B	7439-96-5	Manganese	487	mg/kg		173	173		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	6010B	7440-02-0	Nickel	35.3	mg/kg	J	38	134		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	6010B	7440-09-7	Potassium	1010	mg/kg					
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	6010B	7440-23-5	Sodium	461	mg/kg					
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	6010B	7440-62-2	Vanadium	77.5	mg/kg		7.8	37		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	6010B	7440-66-6	Zinc	75.2	mg/kg	J	46	2208		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	6020	7440-36-0	Antimony	0.17	mg/kg	J	0.27	3		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	6020	7440-38-2	Arsenic	5.8	mg/kg		0.43	0.43		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	6020	7440-43-9	Cadmium	0.383	mg/kg		0.36	0.68		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	6020	7782-49-2	Selenium	0.7	mg/kg	J	0.52	37		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	6020	7440-22-4	Silver	0.065	mg/kg		4.2	37		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	6020	7440-28-0	Thallium	0.108	mg/kg		0.05	0.075		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	7471A	7439-97-6	Mercury	0.106	mg/kg		0.013	1.1		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8081A	72-54-8	4,4'-DDD	0.0002	mg/kg	U	0.021	2.2		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8081A	72-55-9	4,4'-DDE	0.00097	mg/kg	U	0.021	1.8		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8081A	50-29-3	4,4'-DDT	0.027	mg/kg		0.021	1.8		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8081A	309-00-2	Aldrin	0.00016	mg/kg	U	0.000085	0.031		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8081A	319-84-6	alpha-BHC	0.00011	mg/kg	U	0.0096	0.083		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8081A	5103-71-9	alpha-Chlordane	0.0001	mg/kg	U	0.27	1.7		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8081A	319-85-7	beta-BHC	0.00018	mg/kg	U	0.0096	0.086		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8081A	319-86-8	delta-BHC	0.000074	mg/kg	U	0.0096	0.083		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8081A	60-57-1	Dieldrin	0.0036	mg/kg	U	0.0049	0.033		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8081A	959-98-8	Endosulfan I	0.002	mg/kg		0.64	45		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8081A	33213-65-9	Endosulfan II	0.00097	mg/kg	U	0.64	45		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8081A	1031-07-8	Endosulfan sulfate	0.00011	mg/kg	U	0.64	36		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8081A	72-20-8	Endrin	0.0021	mg/kg		0.0014	1.8		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8081A	7421-93-4	Endrin aldehyde	0.0019	mg/kg		0.0014	1.8		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8081A	53494-70-5	Endrin ketone	0.00069	mg/kg	U	0.0014	1.8		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8081A	58-89-9	gamma-BHC (Lindane)	0.0002	mg/kg	J	0.0096	0.49		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8081A	5103-74-2	gamma-Chlordane	0.0092	mg/kg		0.27	1.7		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8081A	76-44-8	Heptachlor	0.00012	mg/kg	U	0.0016	0.11		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8081A	1024-57-3	Heptachlor epoxide	0.00035	mg/kg	U	0.00015	0.055		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8081A	72-43-5	Methoxychlor	0.00097	mg/kg	U	5.1	31		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8081A	8001-35-2	Toxaphene	0.33	mg/kg	U	0.47	0.47		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8082	12674-11-2	Aroclor-1016	0.0021	mg/kg	U	0.041	0.1		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8082	11104-28-2	Aroclor-1221	0.0021	mg/kg	U	0.041	0.19		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8082	11141-16-5	Aroclor-1232	0.0021	mg/kg	U	0.041	0.16		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8082	53469-21-9	Aroclor-1242	0.0021	mg/kg	U	0.041	0.22		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8082	12672-29-6	Aroclor-1248	0.0021	mg/kg	U	0.041	0.22		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8082	11097-69-1	Aroclor-1254	0.23	mg/kg		0.029	0.029		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8082	11096-82-5	Aroclor-1260	0.13	mg/kg		0.041	0.23		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8082	37324-23-5	Aroclor-1262	0.0021	mg/kg	U	0.041			
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8082	11100-14-4	Aroclor-1268	0.0021	mg/kg	U	0.041	0.2304		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00019	mg/kg	U	0.07	1.9		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	71-55-6	1,1,1-Trichloroethane	0.00016	mg/kg	U	260	778		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000092	mg/kg	U	0.13	0.58		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	79-00-5	1,1,2-Trichloroethane	0.000091	mg/kg	U	0.14	0.14		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	75-34-3	1,1-Dichloroethane	0.00005	mg/kg	U	3.5	3.5		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	75-35-4	1,1-Dichloroethene	0.000073	mg/kg	U	11	22		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	563-58-6	1,1-Dichloropropene	0.00016	mg/kg	U	0.001	1.7		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00015	mg/kg	U	6	6		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	96-18-4	1,2,3-Trichloropropane	0.00028	mg/kg	U	0.0049	0.0049		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00023	mg/kg	U	0.27	5.6		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00016	mg/kg	J	0.09	29		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.00081	mg/kg	U	0.0051	0.0051		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0002	mg/kg	U	0.035	0.035		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	95-50-1	1,2-Dichlorobenzene	0.000065	mg/kg	U	0.92	173		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	107-06-2	1,2-Dichloroethane	0.000056	mg/kg	U	0.44	0.44		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	78-87-5	1,2-Dichloropropane	0.000067	mg/kg	U	0.28	1.5		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000042	mg/kg	U	0.16	26		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	541-73-1	1,3-Dichlorobenzene	0.000073	mg/kg	U	0.74	2.5		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	142-28-9	1,3-Dichloropropane	0.000061	mg/kg	U	0.28	154		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	106-46-7	1,4-Dichlorobenzene	0.00014	mg/kg	J	0.89	2.5		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	594-20-7	2,2-Dichloropropane	0.00011	mg/kg	U	0.28	1.5		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	95-49-8	2-Chlorotoluene	0.000053	mg/kg	U	154	154		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	591-78-6	2-Hexanone	0.00081	mg/kg	U	0.36	19		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	106-43-4	4-Chlorotoluene	0.000095	mg/kg	U	154	154		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	67-64-1	Acetone	0.018	mg/kg	J	1.2	6720		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	71-43-2	Benzene	0.00015	mg/kg	U	1.2	1.2		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	108-86-1	Bromobenzene	0.000095	mg/kg	U	28	28		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	74-97-5	Bromochloromethane	0.00026	mg/kg	U	3.4	3.4		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	75-27-4	Bromodichloromethane	0.000046	mg/kg	U	0.28	0.28		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	75-25-2	Bromoform	0.00026	mg/kg	U	0.07	18		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	74-83-9	Bromomethane	0.00084	mg/kg	J	0.002	0.65		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	75-15-0	Carbon disulfide	0.0014	mg/kg	J	0.81	74		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	56-23-5	Carbon tetrachloride	0.000081	mg/kg	U	0.62	0.62		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	108-90-7	Chlorobenzene	0.000056	mg/kg	U	2.4	27		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	75-00-3	Chloroethane	0.00031	mg/kg	U	518	518		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	67-66-3	Chloroform	0.00005	mg/kg	U	0.31	0.31		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	74-87-3	Chloromethane	0.000059	mg/kg	U	11	11		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	156-59-2	cis-1,2-Dichloroethene	0.000084	mg/kg	U	6	6		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000032	mg/kg	U	0.001	1.7		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	124-48-1	Dibromochloromethane	0.00017	mg/kg	U	3.7	3.7		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	74-95-3	Dibromomethane	0.00019	mg/kg	U	2.304	2.3		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	75-71-8	Dichlorodifluoromethane	0.000075	mg/kg	U	8.4	8.4		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	100-41-4	Ethylbenzene	0.000072	mg/kg	J	0.27	5.6		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	87-68-3	Hexachlorobutadiene	0.00018	mg/kg	U	0.009	1.2		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	98-82-8	Isopropylbenzene	0.000032	mg/kg	U	0.04	182		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	179601-23-1	m,p-Xylene	0.00015	mg/kg	J	1.4	53		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	78-93-3	MEK (2-Butanone)	0.0023	mg/kg	J	350	2592		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	75-09-2	Methylene chloride	0.00048	mg/kg	J	2.6	34		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00025	mg/kg	U	9.7	3168		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	104-51-8	n-Butylbenzene	0.000091	mg/kg	U	374	374		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	103-65-1	n-Propylbenzene	0.000064	mg/kg	U	365	365		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	95-47-6	o-Xylene	0.000061	mg/kg	U	1.4	61		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	99-87-6	p-Cymene	0.000086	mg/kg	U	0.18	182		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	135-98-8	sec-Butylbenzene	0.000067	mg/kg	U	749	749		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	100-42-5	Styrene	0.000079	mg/kg	U	1.2	576		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	98-06-6	tert-Butylbenzene	0.000056	mg/kg	U	749	749		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	127-18-4	Tetrachloroethene	0.00013	mg/kg	U	0.18	7.8		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	108-88-3	Toluene	0.00036	mg/kg	J	23	470		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	156-60-5	trans-1,2-Dichloroethene	0.00005	mg/kg	U	6.7	6.7		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	10061-02-6	trans-1,3-Dichloropropene	0.00011	mg/kg	U	0.001	1.7		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	79-01-6	Trichloroethene	0.00014	mg/kg	U	0.39	0.39		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	75-69-4	Trichlorofluoromethane	0.000056	mg/kg	U	52	2208		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	108-05-4	Vinyl acetate	0.00062	mg/kg	U	87	87		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8260B	75-01-4	Vinyl chloride	0.000059	mg/kg	U	0.057	0.057		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	95-95-4	2,4,5-Trichlorophenol	0.003	mg/kg	U	4	605		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	88-06-2	2,4,6-Trichlorophenol	0.0018	mg/kg	U	6	6		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	120-83-2	2,4-Dichlorophenol	0.0018	mg/kg	U	0.05	18		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	105-67-9	2,4-Dimethylphenol	0.0055	mg/kg	U	0.04	125		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	51-28-5	2,4-Dinitrophenol	0.036	mg/kg	U	0.061	12		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	121-14-2	2,4-Dinitrotoluene	0.0028	mg/kg	U	1.6	1.6		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	606-20-2	2,6-Dinitrotoluene	0.0028	mg/kg	U	0.3456	0.35		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	91-58-7	2-Chloronaphthalene	0.0036	mg/kg	U	461	461		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	95-57-8	2-Chlorophenol	0.0017	mg/kg	U	0.39	37		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	91-57-6	2-Methylnaphthalene	0.0012	mg/kg	U	23	23		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	95-48-7	2-Methylphenol	0.0034	mg/kg	U	0.67	307		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	88-74-4	2-Nitroaniline	0.0027	mg/kg	U	5.3	60		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	88-75-5	2-Nitrophenol	0.0026	mg/kg	U	5.1	1824		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	91-94-1	3,3'-Dichlorobenzidine	0.0037	mg/kg	U	0.03	1.2		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	99-09-2	3-Nitroaniline	0.0026	mg/kg	U	0.02	60		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.0017	mg/kg	U	0.49	0.49		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0014	mg/kg	U				
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	59-50-7	4-Chloro-3-methylphenol	0.0021	mg/kg	U	605	605		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	106-47-8	4-Chloroaniline	0.0021	mg/kg	U	1	2.6		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.002	mg/kg	U				
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	106-44-5	4-Methylphenol	0.0029	mg/kg	U	0.08	125		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	100-01-6	4-Nitroaniline	0.0034	mg/kg	U	0.02	24		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	100-02-7	4-Nitrophenol	0.03	mg/kg	U	5.1	1824		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	83-32-9	Acenaphthene	0.0047	mg/kg	J	29	346		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	208-96-8	Acenaphthylene	0.0014	mg/kg	U	1.9	1.9		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	62-53-3	Aniline	0.0015	mg/kg	U	42	42		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	120-12-7	Anthracene	0.013	mg/kg		29	1728		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	56-55-3	Benzo(a)anthracene	0.096	mg/kg		1.1	1.1		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	50-32-8	Benzo(a)pyrene	0.086	mg/kg		0.11	0.11		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	205-99-2	Benzo(b)fluoranthene	0.12	mg/kg		1.1	1.1		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	191-24-2	Benzo(g,h,i)perylene	0.054	mg/kg		1.1	173		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	207-08-9	Benzo(k)fluoranthene	0.045	mg/kg		1.1	11		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	65-85-0	Benzoic acid	0.096	mg/kg	U	1	24000		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	100-51-6	Benzyl alcohol	0.0037	mg/kg	U	120	605		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0013	mg/kg	U	18	18		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0024	mg/kg	U	0.22	0.22		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.32	mg/kg		0.02	37		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0012	mg/kg	U	298	298		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	85-68-7	Butyl benzylphthalate	0.0015	mg/kg	U	90	278		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	86-74-8	Carbazole	0.0095	mg/kg		7.5	7.5		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	218-01-9	Chrysene	0.12	mg/kg		1.1	106		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	53-70-3	Dibenzo(a,h)anthracene	0.018	mg/kg		0.1056	0.11		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	132-64-9	Dibenzofuran	0.0018	mg/kg	J	6.1	7.5		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	84-66-2	Diethyl phthalate	0.0035	mg/kg	U	100	4896		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	131-11-3	Dimethyl phthalate	0.0018	mg/kg	U	10	37		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	84-74-2	Di-n-butylphthalate	0.022	mg/kg		0.011	605		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	117-84-0	Di-n-octylphthalate	0.0012	mg/kg	U	0.91	60		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	206-44-0	Fluoranthene	0.17	mg/kg		1.1	230		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	86-73-7	Fluorene	0.0052	mg/kg	J	29	230		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	118-74-1	Hexachlorobenzene	0.0021	mg/kg	U	0.075	0.075		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	77-47-4	Hexachlorocyclopentadiene	0.015	mg/kg	U	0.001	0.17		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	67-72-1	Hexachloroethane	0.0022	mg/kg	U	0.024	1.7		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.06	mg/kg		1.1	1.1		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	78-59-1	Isophorone	0.0016	mg/kg	U	547	547		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	91-20-3	Naphthalene	0.004	mg/kg	J	1.9	1.9		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	98-95-3	Nitrobenzene	0.002	mg/kg	U	2.2	4.9		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	62-75-9	N-Nitrosodimethylamine	0.0061	mg/kg	U	0.0019	0.0019		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0032	mg/kg	U	0.075	0.075		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	86-30-6	N-Nitrosodiphenylamine	0.0022	mg/kg	U	0.55	106		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	87-86-5	Pentachlorophenol	0.0085	mg/kg	U	0.96	1		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	85-01-8	Phenanthrene	0.079	mg/kg		29	1728		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	108-95-2	Phenol	0.0019	mg/kg	U	0.79	1824		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	8270C	129-00-0	Pyrene	0.15	mg/kg		1.1	173		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.13217	mg/kg					
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.919	mg/kg		1.1			
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.107	mg/kg		29			
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	Krone	1002-53-5	Dibutyltin	0.0003	mg/kg	U	1.8	1.8		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	Krone	78763-54-9	Monobutyltin	0.00026	mg/kg	U	2.2	2.2		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	Krone	688-73-3	Tributyltin	0.00037	mg/kg	U	2.2	2.2		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	NWTPH-Dx	TPH-D	Diesel Range Organics	14	mg/kg	J	260	1100		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	NWTPH-Dx	MOIL	Residual Range Organics	52	mg/kg	J	260	2800		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	NWTPH-Gx	TPH-G	Gasoline Range Organics	1.5	mg/kg	U	120	1200		
LD-05	723575.886	7834301.171	3/20/2009	1 - 3	SO	N	090320-LD-5So-1-3	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.36	mg/kg		0.0073	0.23		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	6010B	7429-90-5	Aluminum	6360	mg/kg		50	7392		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	6010B	7440-39-3	Barium	72.3	mg/kg		330	1440		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	6010B	7440-41-7	Beryllium	0.23	mg/kg	J	15	15		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	6010B	7440-70-2	Calcium	4520	mg/kg	J				
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	6010B	7440-47-3	Chromium	169	mg/kg	J	0.29	0.29		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	6010B	7440-48-4	Cobalt	10.6	mg/kg		2.2	2.2		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	6010B	7440-50-8	Copper	30.8	mg/kg	J	28	298		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	6010B	7439-89-6	Iron	28400	mg/kg		5280	5280		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	6010B	7439-92-1	Lead	591	mg/kg		11	192		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	6010B	7439-95-4	Magnesium	8260	mg/kg					
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	6010B	7439-96-5	Manganese	342	mg/kg		173	173		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	6010B	7440-02-0	Nickel	61.8	mg/kg	J	38	134		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	6010B	7440-09-7	Potassium	580	mg/kg					
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	6010B	7440-23-5	Sodium	269	mg/kg					
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	6010B	7440-62-2	Vanadium	67.3	mg/kg		7.8	37		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	6010B	7440-66-6	Zinc	132	mg/kg	J	46	2208		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	6020	7440-36-0	Antimony	0.36	mg/kg	U	0.27	3		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	6020	7440-38-2	Arsenic	1.86	mg/kg		0.43	0.43		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	6020	7440-43-9	Cadmium	0.379	mg/kg		0.36	0.68		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	6020	7782-49-2	Selenium	0.5	mg/kg	U	0.52	37		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	6020	7440-22-4	Silver	0.107	mg/kg		4.2	37		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	6020	7440-28-0	Thallium	0.034	mg/kg		0.05	0.075		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	7471A	7439-97-6	Mercury	0.048	mg/kg		0.013	1.1		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8081A	72-54-8	4,4'-DDD	0.00099	mg/kg	J	0.021	2.2		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8081A	72-55-9	4,4'-DDE	0.00061	mg/kg	U	0.021	1.8		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8081A	50-29-3	4,4'-DDT	0.0051	mg/kg	U	0.021	1.8		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8081A	309-00-2	Aldrin	0.0008	mg/kg	U	0.000085	0.031		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8081A	319-84-6	alpha-BHC	0.00055	mg/kg	U	0.0096	0.083		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8081A	5103-71-9	alpha-Chlordane	0.00086	mg/kg	J	0.27	1.7		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8081A	319-85-7	beta-BHC	0.0009	mg/kg	U	0.0096	0.086		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8081A	319-86-8	delta-BHC	0.00037	mg/kg	U	0.0096	0.083		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8081A	60-57-1	Dieldrin	0.0007	mg/kg	U	0.0049	0.033		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8081A	959-98-8	Endosulfan I	0.00074	mg/kg	U	0.64	45		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8081A	33213-65-9	Endosulfan II	0.0007	mg/kg	U	0.64	45		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8081A	1031-07-8	Endosulfan sulfate	0.0017	mg/kg	J	0.64	36		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8081A	72-20-8	Endrin	0.00047	mg/kg	U	0.0014	1.8		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8081A	7421-93-4	Endrin aldehyde	0.0006	mg/kg	U	0.0014	1.8		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8081A	53494-70-5	Endrin ketone	0.005	mg/kg	U	0.0014	1.8		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8081A	58-89-9	gamma-BHC (Lindane)	0.0004	mg/kg	U	0.0096	0.49		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8081A	5103-74-2	gamma-Chlordane	0.005	mg/kg	U	0.27	1.7		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8081A	76-44-8	Heptachlor	0.0006	mg/kg	U	0.0016	0.11		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8081A	1024-57-3	Heptachlor epoxide	0.00042	mg/kg	U	0.00015	0.055		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8081A	72-43-5	Methoxychlor	0.002	mg/kg	U	5.1	31		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8081A	8001-35-2	Toxaphene	0.11	mg/kg	U	0.47	0.47		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8082	12674-11-2	Aroclor-1016	0.0021	mg/kg	U	0.041	0.1		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8082	11104-28-2	Aroclor-1221	0.0021	mg/kg	U	0.041	0.19		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8082	11141-16-5	Aroclor-1232	0.0021	mg/kg	U	0.041	0.16		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8082	53469-21-9	Aroclor-1242	0.0021	mg/kg	U	0.041	0.22		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8082	12672-29-6	Aroclor-1248	0.0021	mg/kg	U	0.041	0.22		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8082	11097-69-1	Aroclor-1254	0.0021	mg/kg	U	0.029	0.029		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8082	11096-82-5	Aroclor-1260	0.05	mg/kg		0.041	0.23		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8082	37324-23-5	Aroclor-1262	0.0021	mg/kg	U	0.041			
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8082	11100-14-4	Aroclor-1268	0.0021	mg/kg	U	0.041	0.2304		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00019	mg/kg	U	0.07	1.9		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	71-55-6	1,1,1-Trichloroethane	0.00016	mg/kg	U	260	778		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000092	mg/kg	U	0.13	0.58		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	79-00-5	1,1,2-Trichloroethane	0.000091	mg/kg	U	0.14	0.14		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	75-34-3	1,1-Dichloroethane	0.00005	mg/kg	U	3.5	3.5		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	75-35-4	1,1-Dichloroethene	0.000072	mg/kg	U	11	22		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	563-58-6	1,1-Dichloropropene	0.00016	mg/kg	U	0.001	1.7		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00015	mg/kg	U	6	6		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	96-18-4	1,2,3-Trichloropropane	0.00028	mg/kg	U	0.0049	0.0049		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00023	mg/kg	U	0.27	5.6		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00038	mg/kg	J	0.09	29		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.00081	mg/kg	U	0.0051	0.0051		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0002	mg/kg	U	0.035	0.035		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	95-50-1	1,2-Dichlorobenzene	0.000065	mg/kg	U	0.92	173		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	107-06-2	1,2-Dichloroethane	0.000056	mg/kg	U	0.44	0.44		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	78-87-5	1,2-Dichloropropane	0.000067	mg/kg	U	0.28	1.5		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	108-67-8	1,3,5-Trimethylbenzene	0.0001	mg/kg	J	0.16	26		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	541-73-1	1,3-Dichlorobenzene	0.000072	mg/kg	U	0.74	2.5		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	142-28-9	1,3-Dichloropropane	0.000061	mg/kg	U	0.28	154		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	106-46-7	1,4-Dichlorobenzene	0.00011	mg/kg	U	0.89	2.5		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	594-20-7	2,2-Dichloropropane	0.00011	mg/kg	U	0.28	1.5		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	95-49-8	2-Chlorotoluene	0.000053	mg/kg	U	154	154		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	591-78-6	2-Hexanone	0.00081	mg/kg	U	0.36	19		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	106-43-4	4-Chlorotoluene	0.000095	mg/kg	U	154	154		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	67-64-1	Acetone	0.15	mg/kg		1.2	6720		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	71-43-2	Benzene	0.0012	mg/kg	J	1.2	1.2		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	108-86-1	Bromobenzene	0.000095	mg/kg	U	28	28		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	74-97-5	Bromochloromethane	0.00026	mg/kg	U	3.4	3.4		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	75-27-4	Bromodichloromethane	0.000046	mg/kg	U	0.28	0.28		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	75-25-2	Bromoform	0.00026	mg/kg	U	0.07	18		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	74-83-9	Bromomethane	0.00044	mg/kg	U	0.002	0.65		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	75-15-0	Carbon disulfide	0.0016	mg/kg	J	0.81	74		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	56-23-5	Carbon tetrachloride	0.000081	mg/kg	U	0.62	0.62		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	108-90-7	Chlorobenzene	0.000056	mg/kg	U	2.4	27		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	75-00-3	Chloroethane	0.00031	mg/kg	U	518	518		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	67-66-3	Chloroform	0.00005	mg/kg	U	0.31	0.31		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	74-87-3	Chloromethane	0.000059	mg/kg	U	11	11		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	156-59-2	cis-1,2-Dichloroethene	0.000084	mg/kg	U	6	6		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000032	mg/kg	U	0.001	1.7		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	124-48-1	Dibromochloromethane	0.00017	mg/kg	U	3.7	3.7		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	74-95-3	Dibromomethane	0.00019	mg/kg	U	2.304	2.3		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	75-71-8	Dichlorodifluoromethane	0.00026	mg/kg	J	8.4	8.4		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	100-41-4	Ethylbenzene	0.00032	mg/kg	J	0.27	5.6		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	87-68-3	Hexachlorobutadiene	0.00018	mg/kg	U	0.009	1.2		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	98-82-8	Isopropylbenzene	0.000032	mg/kg	U	0.04	182		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	179601-23-1	m,p-Xylene	0.00044	mg/kg	J	1.4	53		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	78-93-3	MEK (2-Butanone)	0.014	mg/kg	J	350	2592		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	75-09-2	Methylene chloride	0.00015	mg/kg	U	2.6	34		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00069	mg/kg	J	9.7	3168		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	104-51-8	n-Butylbenzene	0.000092	mg/kg	J	374	374		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	103-65-1	n-Propylbenzene	0.00015	mg/kg	J	365	365		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	95-47-6	o-Xylene	0.00017	mg/kg	J	1.4	61		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	99-87-6	p-Cymene	0.0016	mg/kg	J	0.18	182		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	135-98-8	sec-Butylbenzene	0.000067	mg/kg	U	749	749		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	100-42-5	Styrene	0.000079	mg/kg	U	1.2	576		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	98-06-6	tert-Butylbenzene	0.000056	mg/kg	U	749	749		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	127-18-4	Tetrachloroethene	0.00013	mg/kg	U	0.18	7.8		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	108-88-3	Toluene	0.0015	mg/kg	J	23	470		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	156-60-5	trans-1,2-Dichloroethene	0.00005	mg/kg	U	6.7	6.7		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	10061-02-6	trans-1,3-Dichloropropene	0.00011	mg/kg	U	0.001	1.7		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	79-01-6	Trichloroethene	0.00014	mg/kg	U	0.39	0.39		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	75-69-4	Trichlorofluoromethane	0.000056	mg/kg	U	52	2208		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	108-05-4	Vinyl acetate	0.00062	mg/kg	U	87	87		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8260B	75-01-4	Vinyl chloride	0.000059	mg/kg	U	0.057	0.057		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	95-95-4	2,4,5-Trichlorophenol	0.03	mg/kg	U	4	605		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	88-06-2	2,4,6-Trichlorophenol	0.018	mg/kg	U	6	6		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	120-83-2	2,4-Dichlorophenol	0.018	mg/kg	U	0.05	18		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	105-67-9	2,4-Dimethylphenol	0.055	mg/kg	U	0.04	125		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	51-28-5	2,4-Dinitrophenol	0.36	mg/kg	U	0.061	12		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	121-14-2	2,4-Dinitrotoluene	0.028	mg/kg	U	1.6	1.6		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	606-20-2	2,6-Dinitrotoluene	0.028	mg/kg	U	0.3456	0.35		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	91-58-7	2-Chloronaphthalene	0.036	mg/kg	U	461	461		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	95-57-8	2-Chlorophenol	0.017	mg/kg	U	0.39	37		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	91-57-6	2-Methylnaphthalene	0.029	mg/kg	J	23	23		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	95-48-7	2-Methylphenol	0.034	mg/kg	U	0.67	307		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	88-74-4	2-Nitroaniline	0.027	mg/kg	U	5.3	60		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	88-75-5	2-Nitrophenol	0.026	mg/kg	U	5.1	1824		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	91-94-1	3,3'-Dichlorobenzidine	0.037	mg/kg	U	0.03	1.2		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	99-09-2	3-Nitroaniline	0.026	mg/kg	U	0.02	60		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.017	mg/kg	U	0.49	0.49		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	101-55-3	4-Bromophenyl phenyl ether	0.014	mg/kg	U				
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	59-50-7	4-Chloro-3-methylphenol	0.021	mg/kg	U	605	605		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	106-47-8	4-Chloroaniline	0.021	mg/kg	U	1	2.6		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.02	mg/kg	U				
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	106-44-5	4-Methylphenol	0.029	mg/kg	U	0.08	125		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	100-01-6	4-Nitroaniline	0.034	mg/kg	U	0.02	24		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	100-02-7	4-Nitrophenol	0.3	mg/kg	U	5.1	1824		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	83-32-9	Acenaphthene	0.21	mg/kg		29	346		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	208-96-8	Acenaphthylene	0.015	mg/kg	J	1.9	1.9		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	62-53-3	Aniline	0.015	mg/kg	U	42	42		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	120-12-7	Anthracene	0.22	mg/kg		29	1728		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	56-55-3	Benzo(a)anthracene	0.96	mg/kg		1.1	1.1		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	50-32-8	Benzo(a)pyrene	1.1	mg/kg		0.11	0.11		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	205-99-2	Benzo(b)fluoranthene	1.5	mg/kg		1.1	1.1		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	191-24-2	Benzo(g,h,i)perylene	0.82	mg/kg		1.1	173		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	207-08-9	Benzo(k)fluoranthene	0.56	mg/kg		1.1	11		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	65-85-0	Benzoic acid	0.98	mg/kg	J	1	24000		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	100-51-6	Benzyl alcohol	0.037	mg/kg	U	120	605		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.013	mg/kg	U	18	18		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	111-44-4	Bis (2-chloroethyl) ether	0.024	mg/kg	U	0.22	0.22		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	9.9	mg/kg		0.02	37		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.012	mg/kg	U	298	298		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	85-68-7	Butyl benzylphthalate	0.015	mg/kg	U	90	278		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	86-74-8	Carbazole	0.15	mg/kg		7.5	7.5		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	218-01-9	Chrysene	1.1	mg/kg		1.1	106		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	53-70-3	Dibenzo(a,h)anthracene	0.24	mg/kg		0.1056	0.11		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	132-64-9	Dibenzofuran	0.059	mg/kg	J	6.1	7.5		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	84-66-2	Diethyl phthalate	0.035	mg/kg	U	100	4896		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	131-11-3	Dimethyl phthalate	0.032	mg/kg	J	10	37		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	84-74-2	Di-n-butylphthalate	0.13	mg/kg		0.011	605		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	117-84-0	Di-n-octylphthalate	0.012	mg/kg	U	0.91	60		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	206-44-0	Fluoranthene	1.7	mg/kg		1.1	230		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	86-73-7	Fluorene	0.13	mg/kg		29	230		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	118-74-1	Hexachlorobenzene	0.021	mg/kg	U	0.075	0.075		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	77-47-4	Hexachlorocyclopentadiene	0.15	mg/kg	U	0.001	0.17		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	67-72-1	Hexachloroethane	0.022	mg/kg	U	0.024	1.7		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.88	mg/kg		1.1	1.1		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	78-59-1	Isophorone	0.016	mg/kg	U	547	547		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	91-20-3	Naphthalene	0.078	mg/kg	J	1.9	1.9		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	98-95-3	Nitrobenzene	0.02	mg/kg	U	2.2	4.9		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	62-75-9	N-Nitrosodimethylamine	0.061	mg/kg	U	0.0019	0.0019		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.032	mg/kg	U	0.075	0.075		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	86-30-6	N-Nitrosodiphenylamine	0.027	mg/kg	J	0.55	106		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	87-86-5	Pentachlorophenol	0.085	mg/kg	U	0.96	1		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	85-01-8	Phenanthrene	1.1	mg/kg		29	1728		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	108-95-2	Phenol	0.019	mg/kg	U	0.79	1824		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	8270C	129-00-0	Pyrene	1.6	mg/kg		1.1	173		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	1.6807	mg/kg					
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	10.46	mg/kg		1.1			
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	1.753	mg/kg		29			
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	Krone	1002-53-5	Dibutyltin	0.0057	mg/kg		1.8	1.8		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	Krone	78763-54-9	Monobutyltin	0.0021	mg/kg		2.2	2.2		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	Krone	688-73-3	Tributyltin	0.036	mg/kg		2.2	2.2		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	NWTPH-Dx	TPH-D	Diesel Range Organics	61	mg/kg		260	1100		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	NWTPH-Dx	MOIL	Residual Range Organics	290	mg/kg		260	2800		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	NWTPH-Gx	TPH-G	Gasoline Range Organics	1.6	mg/kg	J	120	1200		
LD-06	723550.943	7834214.339	3/19/2009	0 - 0.17	SO	N	090319-LD-6-So	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0521	mg/kg		0.0073	0.23		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	6010B	7429-90-5	Aluminum	12100	mg/kg		50	7392		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	6010B	7440-39-3	Barium	93.6	mg/kg		330	1440		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	6010B	7440-41-7	Beryllium	0.29	mg/kg	J	15	15		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	6010B	7440-70-2	Calcium	7610	mg/kg	J				
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	6010B	7440-47-3	Chromium	33.1	mg/kg	J	0.29	0.29		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	6010B	7440-48-4	Cobalt	12.5	mg/kg		2.2	2.2		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	6010B	7440-50-8	Copper	73.7	mg/kg	J	28	298		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	6010B	7439-89-6	Iron	33100	mg/kg		5280	5280		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	6010B	7439-92-1	Lead	988	mg/kg		11	192		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	6010B	7439-95-4	Magnesium	6070	mg/kg					
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	6010B	7439-96-5	Manganese	526	mg/kg		173	173		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	6010B	7440-02-0	Nickel	26.3	mg/kg	J	38	134		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	6010B	7440-09-7	Potassium	1230	mg/kg					
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	6010B	7440-23-5	Sodium	285	mg/kg					
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	6010B	7440-62-2	Vanadium	65	mg/kg		7.8	37		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	6010B	7440-66-6	Zinc	548	mg/kg	J	46	2208		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	6020	7440-36-0	Antimony	0.54	mg/kg	J	0.27	3		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	6020	7440-38-2	Arsenic	5.5	mg/kg		0.43	0.43		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	6020	7440-43-9	Cadmium	4.88	mg/kg		0.36	0.68		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	6020	7782-49-2	Selenium	0.6	mg/kg	J	0.52	37		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	6020	7440-22-4	Silver	0.148	mg/kg		4.2	37		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	6020	7440-28-0	Thallium	0.104	mg/kg		0.05	0.075		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	7471A	7439-97-6	Mercury	0.037	mg/kg		0.013	1.1		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8081A	72-54-8	4,4'-DDD	0.01	mg/kg	U	0.021	2.2		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8081A	72-55-9	4,4'-DDE	0.005	mg/kg	U	0.021	1.8		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8081A	50-29-3	4,4'-DDT	0.078	mg/kg	U	0.021	1.8		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8081A	309-00-2	Aldrin	0.005	mg/kg	U	0.000085	0.031		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8081A	319-84-6	alpha-BHC	0.00055	mg/kg	U	0.0096	0.083		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8081A	5103-71-9	alpha-Chlordane	0.0008	mg/kg	U	0.27	1.7		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8081A	319-85-7	beta-BHC	0.0009	mg/kg	U	0.0096	0.086		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8081A	319-86-8	delta-BHC	0.00037	mg/kg	U	0.0096	0.083		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8081A	60-57-1	Dieldrin	0.018	mg/kg	U	0.0049	0.033		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8081A	959-98-8	Endosulfan I	0.005	mg/kg	U	0.64	45		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8081A	33213-65-9	Endosulfan II	0.005	mg/kg	U	0.64	45		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8081A	1031-07-8	Endosulfan sulfate	0.005	mg/kg	U	0.64	36		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8081A	72-20-8	Endrin	0.0068	mg/kg	U	0.0014	1.8		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8081A	7421-93-4	Endrin aldehyde	0.005	mg/kg	U	0.0014	1.8		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8081A	53494-70-5	Endrin ketone	0.021	mg/kg	U	0.0014	1.8		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8081A	58-89-9	gamma-BHC (Lindane)	0.005	mg/kg	U	0.0096	0.49		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8081A	5103-74-2	gamma-Chlordane	0.0099	mg/kg	U	0.27	1.7		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8081A	76-44-8	Heptachlor	0.0029	mg/kg	J	0.0016	0.11		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8081A	1024-57-3	Heptachlor epoxide	0.00042	mg/kg	U	0.00015	0.055		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8081A	72-43-5	Methoxychlor	0.0051	mg/kg	U	5.1	31		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8081A	8001-35-2	Toxaphene	0.98	mg/kg	U	0.47	0.47		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8082	12674-11-2	Aroclor-1016	0.0021	mg/kg	U	0.041	0.1		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8082	11104-28-2	Aroclor-1221	0.0021	mg/kg	U	0.041	0.19		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8082	11141-16-5	Aroclor-1232	0.0021	mg/kg	U	0.041	0.16		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8082	53469-21-9	Aroclor-1242	0.0021	mg/kg	U	0.041	0.22		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8082	12672-29-6	Aroclor-1248	0.0021	mg/kg	U	0.041	0.22		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8082	11097-69-1	Aroclor-1254	0.0021	mg/kg	U	0.029	0.029		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8082	11096-82-5	Aroclor-1260	0.66	mg/kg	J	0.041	0.23		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8082	37324-23-5	Aroclor-1262	0.0021	mg/kg	U	0.041			
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8082	11100-14-4	Aroclor-1268	0.0021	mg/kg	U	0.041	0.2304		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00022	mg/kg	U	0.07	1.9		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	71-55-6	1,1,1-Trichloroethane	0.00018	mg/kg	U	260	778		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.00011	mg/kg	U	0.13	0.58		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	79-00-5	1,1,2-Trichloroethane	0.00011	mg/kg	U	0.14	0.14		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	75-34-3	1,1-Dichloroethane	0.000058	mg/kg	U	3.5	3.5		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	75-35-4	1,1-Dichloroethene	0.000084	mg/kg	U	11	22		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	563-58-6	1,1-Dichloropropene	0.00018	mg/kg	U	0.001	1.7		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00017	mg/kg	U	6	6		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	96-18-4	1,2,3-Trichloropropane	0.00033	mg/kg	U	0.0049	0.0049		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00027	mg/kg	U	0.27	5.6		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00019	mg/kg	J	0.09	29		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.00094	mg/kg	U	0.0051	0.0051		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00023	mg/kg	U	0.035	0.035		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	95-50-1	1,2-Dichlorobenzene	0.000076	mg/kg	U	0.92	173		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	107-06-2	1,2-Dichloroethane	0.000065	mg/kg	U	0.44	0.44		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	78-87-5	1,2-Dichloropropane	0.000078	mg/kg	U	0.28	1.5		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000048	mg/kg	U	0.16	26		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	541-73-1	1,3-Dichlorobenzene	0.000084	mg/kg	U	0.74	2.5		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	142-28-9	1,3-Dichloropropane	0.000071	mg/kg	U	0.28	154		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	106-46-7	1,4-Dichlorobenzene	0.00012	mg/kg	U	0.89	2.5		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	594-20-7	2,2-Dichloropropane	0.00012	mg/kg	U	0.28	1.5		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	95-49-8	2-Chlorotoluene	0.000062	mg/kg	U	154	154		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	591-78-6	2-Hexanone	0.00094	mg/kg	U	0.36	19		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	106-43-4	4-Chlorotoluene	0.00012	mg/kg	U	154	154		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	67-64-1	Acetone	0.18	mg/kg		1.2	6720		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	71-43-2	Benzene	0.00054	mg/kg	J	1.2	1.2		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	108-86-1	Bromobenzene	0.00012	mg/kg	U	28	28		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	74-97-5	Bromochloromethane	0.0003	mg/kg	U	3.4	3.4		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	75-27-4	Bromodichloromethane	0.000053	mg/kg	U	0.28	0.28		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	75-25-2	Bromoform	0.0003	mg/kg	U	0.07	18		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	74-83-9	Bromomethane	0.00053	mg/kg	J	0.002	0.65		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	75-15-0	Carbon disulfide	0.00075	mg/kg	J	0.81	74		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	56-23-5	Carbon tetrachloride	0.000094	mg/kg	U	0.62	0.62		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	108-90-7	Chlorobenzene	0.000065	mg/kg	U	2.4	27		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	75-00-3	Chloroethane	0.00036	mg/kg	U	518	518		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	67-66-3	Chloroform	0.000058	mg/kg	U	0.31	0.31		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	74-87-3	Chloromethane	0.000069	mg/kg	U	11	11		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	156-59-2	cis-1,2-Dichloroethene	0.000097	mg/kg	U	6	6		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000038	mg/kg	U	0.001	1.7		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	124-48-1	Dibromochloromethane	0.0002	mg/kg	U	3.7	3.7		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	74-95-3	Dibromomethane	0.00022	mg/kg	U	2.304	2.3		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	75-71-8	Dichlorodifluoromethane	0.000087	mg/kg	U	8.4	8.4		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	100-41-4	Ethylbenzene	0.000072	mg/kg	J	0.27	5.6		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	87-68-3	Hexachlorobutadiene	0.00021	mg/kg	U	0.009	1.2		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	98-82-8	Isopropylbenzene	0.000038	mg/kg	U	0.04	182		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	179601-23-1	m,p-Xylene	0.00014	mg/kg	J	1.4	53		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	78-93-3	MEK (2-Butanone)	0.013	mg/kg	J	350	2592		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	75-09-2	Methylene chloride	0.00039	mg/kg	J	2.6	34		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.0005	mg/kg	J	9.7	3168		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	104-51-8	n-Butylbenzene	0.00011	mg/kg	U	374	374		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	103-65-1	n-Propylbenzene	0.000075	mg/kg	U	365	365		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	95-47-6	o-Xylene	0.000071	mg/kg	U	1.4	61		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	99-87-6	p-Cymene	0.00034	mg/kg	J	0.18	182		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	135-98-8	sec-Butylbenzene	0.000078	mg/kg	U	749	749		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	100-42-5	Styrene	0.000091	mg/kg	U	1.2	576		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	98-06-6	tert-Butylbenzene	0.000065	mg/kg	U	749	749		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	127-18-4	Tetrachloroethene	0.00015	mg/kg	U	0.18	7.8		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	108-88-3	Toluene	0.0008	mg/kg	J	23	470		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	156-60-5	trans-1,2-Dichloroethene	0.000058	mg/kg	U	6.7	6.7		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	10061-02-6	trans-1,3-Dichloropropene	0.00012	mg/kg	U	0.001	1.7		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	79-01-6	Trichloroethene	0.00016	mg/kg	U	0.39	0.39		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	75-69-4	Trichlorofluoromethane	0.000065	mg/kg	U	52	2208		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	108-05-4	Vinyl acetate	0.00072	mg/kg	U	87	87		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8260B	75-01-4	Vinyl chloride	0.000069	mg/kg	U	0.057	0.057		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	95-95-4	2,4,5-Trichlorophenol	0.03	mg/kg	U	4	605		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	88-06-2	2,4,6-Trichlorophenol	0.018	mg/kg	U	6	6		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	120-83-2	2,4-Dichlorophenol	0.018	mg/kg	U	0.05	18		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	105-67-9	2,4-Dimethylphenol	0.055	mg/kg	U	0.04	125		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	51-28-5	2,4-Dinitrophenol	0.36	mg/kg	U	0.061	12		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	121-14-2	2,4-Dinitrotoluene	0.028	mg/kg	U	1.6	1.6		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	606-20-2	2,6-Dinitrotoluene	0.028	mg/kg	U	0.3456	0.35		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	91-58-7	2-Chloronaphthalene	0.036	mg/kg	U	461	461		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	95-57-8	2-Chlorophenol	0.017	mg/kg	U	0.39	37		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	91-57-6	2-Methylnaphthalene	0.027	mg/kg	J	23	23		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	95-48-7	2-Methylphenol	0.034	mg/kg	U	0.67	307		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	88-74-4	2-Nitroaniline	0.027	mg/kg	U	5.3	60		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	88-75-5	2-Nitrophenol	0.026	mg/kg	U	5.1	1824		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	91-94-1	3,3'-Dichlorobenzidine	0.037	mg/kg	U	0.03	1.2		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	99-09-2	3-Nitroaniline	0.026	mg/kg	U	0.02	60		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.017	mg/kg	U	0.49	0.49		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	101-55-3	4-Bromophenyl phenyl ether	0.014	mg/kg	U				
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	59-50-7	4-Chloro-3-methylphenol	0.021	mg/kg	U	605	605		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	106-47-8	4-Chloroaniline	0.021	mg/kg	U	1	2.6		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.02	mg/kg	U				
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	106-44-5	4-Methylphenol	0.029	mg/kg	U	0.08	125		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	100-01-6	4-Nitroaniline	0.034	mg/kg	U	0.02	24		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	100-02-7	4-Nitrophenol	0.3	mg/kg	U	5.1	1824		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	83-32-9	Acenaphthene	0.11	mg/kg		29	346		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	208-96-8	Acenaphthylene	0.031	mg/kg	J	1.9	1.9		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	62-53-3	Aniline	0.015	mg/kg	U	42	42		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	120-12-7	Anthracene	0.27	mg/kg		29	1728		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	56-55-3	Benzo(a)anthracene	1.8	mg/kg		1.1	1.1		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	50-32-8	Benzo(a)pyrene	1.6	mg/kg		0.11	0.11		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	205-99-2	Benzo(b)fluoranthene	2.6	mg/kg		1.1	1.1		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	191-24-2	Benzo(g,h,i)perylene	1.1	mg/kg		1.1	173		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	207-08-9	Benzo(k)fluoranthene	0.86	mg/kg		1.1	11		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	65-85-0	Benzoic acid	0.96	mg/kg	U	1	24000		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	100-51-6	Benzyl alcohol	0.037	mg/kg	U	120	605		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.013	mg/kg	U	18	18		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	111-44-4	Bis (2-chloroethyl) ether	0.024	mg/kg	U	0.22	0.22		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	13	mg/kg		0.02	37		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.012	mg/kg	U	298	298		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	85-68-7	Butyl benzylphthalate	0.015	mg/kg	U	90	278		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	86-74-8	Carbazole	0.24	mg/kg		7.5	7.5		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	218-01-9	Chrysene	2.1	mg/kg		1.1	106		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	53-70-3	Dibenzo(a,h)anthracene	0.35	mg/kg		0.1056	0.11		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	132-64-9	Dibenzofuran	0.058	mg/kg	J	6.1	7.5		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	84-66-2	Diethyl phthalate	0.035	mg/kg	U	100	4896		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	131-11-3	Dimethyl phthalate	0.03	mg/kg	J	10	37		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	84-74-2	Di-n-butylphthalate	0.052	mg/kg	J	0.011	605		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	117-84-0	Di-n-octylphthalate	0.012	mg/kg	U	0.91	60		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	206-44-0	Fluoranthene	3.3	mg/kg		1.1	230		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	86-73-7	Fluorene	0.13	mg/kg		29	230		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	118-74-1	Hexachlorobenzene	0.021	mg/kg	U	0.075	0.075		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	77-47-4	Hexachlorocyclopentadiene	0.15	mg/kg	U	0.001	0.17		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	67-72-1	Hexachloroethane	0.022	mg/kg	U	0.024	1.7		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	1.2	mg/kg		1.1	1.1		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	78-59-1	Isophorone	0.016	mg/kg	U	547	547		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	91-20-3	Naphthalene	0.041	mg/kg	J	1.9	1.9		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	98-95-3	Nitrobenzene	0.02	mg/kg	U	2.2	4.9		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	62-75-9	N-Nitrosodimethylamine	0.061	mg/kg	U	0.0019	0.0019		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.032	mg/kg	U	0.075	0.075		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	86-30-6	N-Nitrosodiphenylamine	0.022	mg/kg	U	0.55	106		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	87-86-5	Pentachlorophenol	0.085	mg/kg	U	0.96	1		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	85-01-8	Phenanthrene	1.8	mg/kg		29	1728		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	108-95-2	Phenol	0.019	mg/kg	U	0.79	1824		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	8270C	129-00-0	Pyrene	2.8	mg/kg		1.1	173		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	2.5207	mg/kg					
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	17.71	mg/kg		1.1			
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	2.382	mg/kg		29			
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	Krone	1002-53-5	Dibutyltin	0.013	mg/kg		1.8	1.8		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	Krone	78763-54-9	Monobutyltin	0.0021	mg/kg		2.2	2.2		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	Krone	688-73-3	Tributyltin	0.00044	mg/kg	U	2.2	2.2		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	NWTPH-Dx	TPH-D	Diesel Range Organics	170	mg/kg		260	1100		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	NWTPH-Dx	MOIL	Residual Range Organics	430	mg/kg		260	2800		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	NWTPH-Gx	TPH-G	Gasoline Range Organics	3.4	mg/kg	J	120	1200		
LD-07	723553.228	7834235.857	3/19/2009	0 - 0.17	SO	N	090319-LD-7-So	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.662	mg/kg		0.0073	0.23		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	6010B	7429-90-5	Aluminum	24300	mg/kg		50	7392		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	6010B	7440-39-3	Barium	109	mg/kg		330	1440		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	6010B	7440-41-7	Beryllium	0.63	mg/kg	J	15	15		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	6010B	7440-70-2	Calcium	10700	mg/kg	J				
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	6010B	7440-47-3	Chromium	18.6	mg/kg	J	0.29	0.29		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	6010B	7440-48-4	Cobalt	15.7	mg/kg		2.2	2.2		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	6010B	7440-50-8	Copper	71.4	mg/kg	J	28	298		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	6010B	7439-89-6	Iron	33000	mg/kg		5280	5280		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	6010B	7439-92-1	Lead	15.4	mg/kg		11	192		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	6010B	7439-95-4	Magnesium	13700	mg/kg					
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	6010B	7439-96-5	Manganese	789	mg/kg		173	173		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	6010B	7440-02-0	Nickel	24.4	mg/kg	J	38	134		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	6010B	7440-09-7	Potassium	1480	mg/kg					
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	6010B	7440-23-5	Sodium	350	mg/kg					
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	6010B	7440-62-2	Vanadium	62.4	mg/kg		7.8	37		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	6010B	7440-66-6	Zinc	65.5	mg/kg	J	46	2208		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	6020	7440-36-0	Antimony	0.16	mg/kg	U	0.27	3		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	6020	7440-38-2	Arsenic	4.81	mg/kg		0.43	0.43		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	6020	7440-43-9	Cadmium	0.146	mg/kg		0.36	0.68		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	6020	7782-49-2	Selenium	0.6	mg/kg	J	0.52	37		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	6020	7440-22-4	Silver	0.074	mg/kg		4.2	37		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	6020	7440-28-0	Thallium	0.112	mg/kg		0.05	0.075		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	7471A	7439-97-6	Mercury	0.065	mg/kg		0.013	1.1		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8081A	72-54-8	4,4'-DDD	0.00011	mg/kg	U	0.021	2.2		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8081A	72-55-9	4,4'-DDE	0.00011	mg/kg	U	0.021	1.8		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8081A	50-29-3	4,4'-DDT	0.00027	mg/kg	U	0.021	1.8		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8081A	309-00-2	Aldrin	0.00016	mg/kg	U	0.000085	0.031		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8081A	319-84-6	alpha-BHC	0.00011	mg/kg	U	0.0096	0.083		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8081A	5103-71-9	alpha-Chlordane	0.0001	mg/kg	U	0.27	1.7		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8081A	319-85-7	beta-BHC	0.00018	mg/kg	U	0.0096	0.086		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8081A	319-86-8	delta-BHC	0.000074	mg/kg	U	0.0096	0.083		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8081A	60-57-1	Dieldrin	0.00014	mg/kg	U	0.0049	0.033		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8081A	959-98-8	Endosulfan I	0.000066	mg/kg	U	0.64	45		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8081A	33213-65-9	Endosulfan II	0.00014	mg/kg	U	0.64	45		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8081A	1031-07-8	Endosulfan sulfate	0.00011	mg/kg	U	0.64	36		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8081A	72-20-8	Endrin	0.000094	mg/kg	U	0.0014	1.8		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8081A	7421-93-4	Endrin aldehyde	0.00012	mg/kg	U	0.0014	1.8		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8081A	53494-70-5	Endrin ketone	0.000093	mg/kg	U	0.0014	1.8		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8081A	58-89-9	gamma-BHC (Lindane)	0.00008	mg/kg	U	0.0096	0.49		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8081A	5103-74-2	gamma-Chlordane	0.00009	mg/kg	U	0.27	1.7		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8081A	76-44-8	Heptachlor	0.00012	mg/kg	U	0.0016	0.11		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8081A	1024-57-3	Heptachlor epoxide	0.000084	mg/kg	U	0.00015	0.055		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8081A	72-43-5	Methoxychlor	0.00019	mg/kg	U	5.1	31		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8081A	8001-35-2	Toxaphene	0.019	mg/kg	U	0.47	0.47		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8082	12674-11-2	Aroclor-1016	0.0021	mg/kg	U	0.041	0.1		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8082	11104-28-2	Aroclor-1221	0.0021	mg/kg	U	0.041	0.19		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8082	11141-16-5	Aroclor-1232	0.0021	mg/kg	U	0.041	0.16		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8082	53469-21-9	Aroclor-1242	0.0021	mg/kg	U	0.041	0.22		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8082	12672-29-6	Aroclor-1248	0.0021	mg/kg	U	0.041	0.22		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8082	11097-69-1	Aroclor-1254	0.0021	mg/kg	U	0.029	0.029		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8082	11096-82-5	Aroclor-1260	0.0021	mg/kg	U	0.041	0.23		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8082	37324-23-5	Aroclor-1262	0.0021	mg/kg	U	0.041			
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8082	11100-14-4	Aroclor-1268	0.0021	mg/kg	U	0.041	0.2304		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0002	mg/kg	U	0.07	1.9		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	71-55-6	1,1,1-Trichloroethane	0.00017	mg/kg	U	260	778		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000099	mg/kg	U	0.13	0.58		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	79-00-5	1,1,2-Trichloroethane	0.000097	mg/kg	U	0.14	0.14		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	75-34-3	1,1-Dichloroethane	0.000053	mg/kg	U	3.5	3.5		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	75-35-4	1,1-Dichloroethene	0.000078	mg/kg	U	11	22		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	563-58-6	1,1-Dichloropropene	0.00017	mg/kg	U	0.001	1.7		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00016	mg/kg	U	6	6		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	96-18-4	1,2,3-Trichloropropane	0.0003	mg/kg	U	0.0049	0.0049		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00025	mg/kg	U	0.27	5.6		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00024	mg/kg	J	0.09	29		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.00086	mg/kg	U	0.0051	0.0051		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00021	mg/kg	U	0.035	0.035		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	95-50-1	1,2-Dichlorobenzene	0.00007	mg/kg	U	0.92	173		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	107-06-2	1,2-Dichloroethane	0.00006	mg/kg	U	0.44	0.44		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	78-87-5	1,2-Dichloropropane	0.000072	mg/kg	U	0.28	1.5		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000045	mg/kg	U	0.16	26		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	541-73-1	1,3-Dichlorobenzene	0.000078	mg/kg	U	0.74	2.5		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	142-28-9	1,3-Dichloropropane	0.000065	mg/kg	U	0.28	154		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	106-46-7	1,4-Dichlorobenzene	0.00012	mg/kg	U	0.89	2.5		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	594-20-7	2,2-Dichloropropane	0.00012	mg/kg	U	0.28	1.5		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	95-49-8	2-Chlorotoluene	0.000057	mg/kg	U	154	154		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	591-78-6	2-Hexanone	0.00086	mg/kg	U	0.36	19		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	106-43-4	4-Chlorotoluene	0.00011	mg/kg	U	154	154		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	67-64-1	Acetone	0.15	mg/kg		1.2	6720		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	71-43-2	Benzene	0.00031	mg/kg	J	1.2	1.2		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	108-86-1	Bromobenzene	0.00011	mg/kg	U	28	28		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	74-97-5	Bromochloromethane	0.00028	mg/kg	U	3.4	3.4		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	75-27-4	Bromodichloromethane	0.000049	mg/kg	U	0.28	0.28		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	75-25-2	Bromoform	0.00028	mg/kg	U	0.07	18		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	74-83-9	Bromomethane	0.00057	mg/kg	J	0.002	0.65		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	75-15-0	Carbon disulfide	0.0069	mg/kg		0.81	74		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	56-23-5	Carbon tetrachloride	0.000086	mg/kg	U	0.62	0.62		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	108-90-7	Chlorobenzene	0.00006	mg/kg	U	2.4	27		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	75-00-3	Chloroethane	0.00034	mg/kg	U	518	518		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	67-66-3	Chloroform	0.000053	mg/kg	U	0.31	0.31		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	74-87-3	Chloromethane	0.000063	mg/kg	U	11	11		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	156-59-2	cis-1,2-Dichloroethene	0.00009	mg/kg	U	6	6		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000035	mg/kg	U	0.001	1.7		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	124-48-1	Dibromochloromethane	0.00018	mg/kg	U	3.7	3.7		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	74-95-3	Dibromomethane	0.0002	mg/kg	U	2.304	2.3		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	75-71-8	Dichlorodifluoromethane	0.00008	mg/kg	U	8.4	8.4		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	100-41-4	Ethylbenzene	0.000077	mg/kg	J	0.27	5.6		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	87-68-3	Hexachlorobutadiene	0.00019	mg/kg	U	0.009	1.2		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	98-82-8	Isopropylbenzene	0.000035	mg/kg	U	0.04	182		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	179601-23-1	m,p-Xylene	0.00014	mg/kg	J	1.4	53		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	78-93-3	MEK (2-Butanone)	0.012	mg/kg	J	350	2592		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	75-09-2	Methylene chloride	0.0005	mg/kg	J	2.6	34		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00027	mg/kg	U	9.7	3168		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	104-51-8	n-Butylbenzene	0.000097	mg/kg	U	374	374		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	103-65-1	n-Propylbenzene	0.000069	mg/kg	U	365	365		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	95-47-6	o-Xylene	0.000065	mg/kg	U	1.4	61		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	99-87-6	p-Cymene	0.00029	mg/kg	J	0.18	182		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	135-98-8	sec-Butylbenzene	0.000072	mg/kg	U	749	749		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	100-42-5	Styrene	0.000084	mg/kg	U	1.2	576		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	98-06-6	tert-Butylbenzene	0.00006	mg/kg	U	749	749		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	127-18-4	Tetrachloroethene	0.00014	mg/kg	U	0.18	7.8		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	108-88-3	Toluene	0.00063	mg/kg	J	23	470		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	156-60-5	trans-1,2-Dichloroethene	0.000053	mg/kg	U	6.7	6.7		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	10061-02-6	trans-1,3-Dichloropropene	0.00012	mg/kg	U	0.001	1.7		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	79-01-6	Trichloroethene	0.00015	mg/kg	U	0.39	0.39		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	75-69-4	Trichlorofluoromethane	0.00006	mg/kg	U	52	2208		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	108-05-4	Vinyl acetate	0.00067	mg/kg	U	87	87		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8260B	75-01-4	Vinyl chloride	0.000063	mg/kg	U	0.057	0.057		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	95-95-4	2,4,5-Trichlorophenol	0.003	mg/kg	U	4	605		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	88-06-2	2,4,6-Trichlorophenol	0.0018	mg/kg	U	6	6		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	120-83-2	2,4-Dichlorophenol	0.0018	mg/kg	U	0.05	18		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	105-67-9	2,4-Dimethylphenol	0.0055	mg/kg	U	0.04	125		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	51-28-5	2,4-Dinitrophenol	0.036	mg/kg	U	0.061	12		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	121-14-2	2,4-Dinitrotoluene	0.0028	mg/kg	U	1.6	1.6		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	606-20-2	2,6-Dinitrotoluene	0.0028	mg/kg	U	0.3456	0.35		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	91-58-7	2-Chloronaphthalene	0.0036	mg/kg	U	461	461		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	95-57-8	2-Chlorophenol	0.0017	mg/kg	U	0.39	37		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	91-57-6	2-Methylnaphthalene	0.0012	mg/kg	U	23	23		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	95-48-7	2-Methylphenol	0.0034	mg/kg	U	0.67	307		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	88-74-4	2-Nitroaniline	0.0027	mg/kg	U	5.3	60		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	88-75-5	2-Nitrophenol	0.0026	mg/kg	U	5.1	1824		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	91-94-1	3,3'-Dichlorobenzidine	0.0037	mg/kg	U	0.03	1.2		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	99-09-2	3-Nitroaniline	0.0026	mg/kg	U	0.02	60		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.0017	mg/kg	U	0.49	0.49		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0014	mg/kg	U				
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	59-50-7	4-Chloro-3-methylphenol	0.0021	mg/kg	U	605	605		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	106-47-8	4-Chloroaniline	0.0021	mg/kg	U	1	2.6		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.002	mg/kg	U				
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	106-44-5	4-Methylphenol	0.0029	mg/kg	U	0.08	125		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	100-01-6	4-Nitroaniline	0.0034	mg/kg	U	0.02	24		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	100-02-7	4-Nitrophenol	0.03	mg/kg	U	5.1	1824		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	83-32-9	Acenaphthene	0.001	mg/kg	U	29	346		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	208-96-8	Acenaphthylene	0.0014	mg/kg	U	1.9	1.9		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	62-53-3	Aniline	0.0015	mg/kg	U	42	42		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	120-12-7	Anthracene	0.0029	mg/kg	J	29	1728		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	56-55-3	Benzo(a)anthracene	0.016	mg/kg		1.1	1.1		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	50-32-8	Benzo(a)pyrene	0.017	mg/kg		0.11	0.11		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	205-99-2	Benzo(b)fluoranthene	0.025	mg/kg		1.1	1.1		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	191-24-2	Benzo(g,h,i)perylene	0.011	mg/kg		1.1	173		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	207-08-9	Benzo(k)fluoranthene	0.0083	mg/kg	J	1.1	11		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	65-85-0	Benzoic acid	0.096	mg/kg	U	1	24000		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	100-51-6	Benzyl alcohol	0.0037	mg/kg	U	120	605		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0013	mg/kg	U	18	18		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0024	mg/kg	U	0.22	0.22		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.26	mg/kg		0.02	37		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0012	mg/kg	U	298	298		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	85-68-7	Butyl benzylphthalate	0.0015	mg/kg	U	90	278		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	86-74-8	Carbazole	0.0026	mg/kg	J	7.5	7.5		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	218-01-9	Chrysene	0.02	mg/kg		1.1	106		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	53-70-3	Dibenzo(a,h)anthracene	0.0022	mg/kg	U	0.1056	0.11		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	132-64-9	Dibenzofuran	0.0013	mg/kg	U	6.1	7.5		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	84-66-2	Diethyl phthalate	0.0035	mg/kg	U	100	4896		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	131-11-3	Dimethyl phthalate	0.0018	mg/kg	U	10	37		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	84-74-2	Di-n-butylphthalate	0.0076	mg/kg	J	0.011	605		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	117-84-0	Di-n-octylphthalate	0.0012	mg/kg	U	0.91	60		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	206-44-0	Fluoranthene	0.031	mg/kg		1.1	230		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	86-73-7	Fluorene	0.0017	mg/kg	U	29	230		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	118-74-1	Hexachlorobenzene	0.0021	mg/kg	U	0.075	0.075		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	77-47-4	Hexachlorocyclopentadiene	0.015	mg/kg	U	0.001	0.17		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	67-72-1	Hexachloroethane	0.0022	mg/kg	U	0.024	1.7		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.012	mg/kg		1.1	1.1		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	78-59-1	Isophorone	0.0016	mg/kg	U	547	547		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	91-20-3	Naphthalene	0.0039	mg/kg	J	1.9	1.9		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	98-95-3	Nitrobenzene	0.002	mg/kg	U	2.2	4.9		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	62-75-9	N-Nitrosodimethylamine	0.0061	mg/kg	U	0.0019	0.0019		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0032	mg/kg	U	0.075	0.075		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	86-30-6	N-Nitrosodiphenylamine	0.0022	mg/kg	U	0.55	106		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	87-86-5	Pentachlorophenol	0.0085	mg/kg	U	0.96	1		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	85-01-8	Phenanthrene	0.016	mg/kg		29	1728		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	108-95-2	Phenol	0.0019	mg/kg	U	0.79	1824		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	8270C	129-00-0	Pyrene	0.028	mg/kg		1.1	173		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0234836	mg/kg					
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.171	mg/kg		1.1			
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.0258	mg/kg		29			
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	Krone	1002-53-5	Dibutyltin	0.00031	mg/kg	U	1.8	1.8		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	Krone	78763-54-9	Monobutyltin	0.00027	mg/kg	U	2.2	2.2		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	Krone	688-73-3	Tributyltin	0.00039	mg/kg	U	2.2	2.2		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	NWTPH-Dx	TPH-D	Diesel Range Organics	3.6	mg/kg	J	260	1100		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	NWTPH-Dx	MOIL	Residual Range Organics	30	mg/kg	J	260	2800		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	NWTPH-Gx	TPH-G	Gasoline Range Organics	1.5	mg/kg	U	120	1200		
LD-08	723555.512	7834261.754	3/19/2009	0 - 0.17	SO	N	090319-LD-8-So	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0042	mg/kg	U	0.0073	0.23		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	6010B	7429-90-5	Aluminum	18600	mg/kg		50	7392		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	6010B	7440-39-3	Barium	101	mg/kg		330	1440		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	6010B	7440-41-7	Beryllium	0.52	mg/kg	J	15	15		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	6010B	7440-70-2	Calcium	9680	mg/kg	J				
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	6010B	7440-47-3	Chromium	22.5	mg/kg	J	0.29	0.29		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	6010B	7440-48-4	Cobalt	16.2	mg/kg		2.2	2.2		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	6010B	7440-50-8	Copper	57.2	mg/kg	J	28	298		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	6010B	7439-89-6	Iron	30800	mg/kg		5280	5280		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	6010B	7439-92-1	Lead	80.1	mg/kg		11	192		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	6010B	7439-95-4	Magnesium	10300	mg/kg					
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	6010B	7439-96-5	Manganese	678	mg/kg		173	173		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	6010B	7440-02-0	Nickel	24.3	mg/kg	J	38	134		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	6010B	7440-09-7	Potassium	1250	mg/kg					
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	6010B	7440-23-5	Sodium	444	mg/kg					
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	6010B	7440-62-2	Vanadium	75	mg/kg		7.8	37		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	6010B	7440-66-6	Zinc	70.2	mg/kg	J	46	2208		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	6020	7440-36-0	Antimony	0.17	mg/kg	U	0.27	3		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	6020	7440-38-2	Arsenic	4.22	mg/kg		0.43	0.43		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	6020	7440-43-9	Cadmium	0.276	mg/kg		0.36	0.68		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	6020	7782-49-2	Selenium	0.7	mg/kg	J	0.52	37		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	6020	7440-22-4	Silver	0.088	mg/kg		4.2	37		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	6020	7440-28-0	Thallium	0.12	mg/kg		0.05	0.075		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	7471A	7439-97-6	Mercury	0.049	mg/kg		0.013	1.1		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8081A	72-54-8	4,4'-DDD	0.00011	mg/kg	U	0.021	2.2		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8081A	72-55-9	4,4'-DDE	0.00061	mg/kg	J	0.021	1.8		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8081A	50-29-3	4,4'-DDT	0.0018	mg/kg		0.021	1.8		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8081A	309-00-2	Aldrin	0.00016	mg/kg	U	0.000085	0.031		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8081A	319-84-6	alpha-BHC	0.00011	mg/kg	U	0.0096	0.083		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8081A	5103-71-9	alpha-Chlordane	0.0001	mg/kg	U	0.27	1.7		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8081A	319-85-7	beta-BHC	0.00018	mg/kg	U	0.0096	0.086		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8081A	319-86-8	delta-BHC	0.000074	mg/kg	U	0.0096	0.083		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8081A	60-57-1	Dieldrin	0.001	mg/kg	U	0.0049	0.033		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8081A	959-98-8	Endosulfan I	0.000063	mg/kg	U	0.64	45		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8081A	33213-65-9	Endosulfan II	0.00014	mg/kg	U	0.64	45		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8081A	1031-07-8	Endosulfan sulfate	0.00011	mg/kg	U	0.64	36		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8081A	72-20-8	Endrin	0.000094	mg/kg	U	0.0014	1.8		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8081A	7421-93-4	Endrin aldehyde	0.00012	mg/kg	U	0.0014	1.8		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8081A	53494-70-5	Endrin ketone	0.00019	mg/kg	U	0.0014	1.8		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8081A	58-89-9	gamma-BHC (Lindane)	0.00012	mg/kg	U	0.0096	0.49		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8081A	5103-74-2	gamma-Chlordane	0.001	mg/kg	U	0.27	1.7		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8081A	76-44-8	Heptachlor	0.00012	mg/kg	U	0.0016	0.11		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8081A	1024-57-3	Heptachlor epoxide	0.000084	mg/kg	U	0.00015	0.055		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8081A	72-43-5	Methoxychlor	0.00019	mg/kg	U	5.1	31		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8081A	8001-35-2	Toxaphene	0.017	mg/kg	U	0.47	0.47		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8082	12674-11-2	Aroclor-1016	0.0021	mg/kg	U	0.041	0.1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8082	11104-28-2	Aroclor-1221	0.0021	mg/kg	U	0.041	0.19		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8082	11141-16-5	Aroclor-1232	0.0021	mg/kg	U	0.041	0.16		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8082	53469-21-9	Aroclor-1242	0.0021	mg/kg	U	0.041	0.22		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8082	12672-29-6	Aroclor-1248	0.0021	mg/kg	U	0.041	0.22		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8082	11097-69-1	Aroclor-1254	0.0021	mg/kg	U	0.029	0.029		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8082	11096-82-5	Aroclor-1260	0.0075	mg/kg	J	0.041	0.23		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8082	37324-23-5	Aroclor-1262	0.0021	mg/kg	U	0.041			
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8082	11100-14-4	Aroclor-1268	0.0021	mg/kg	U	0.041	0.2304		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00022	mg/kg	U	0.07	1.9		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	71-55-6	1,1,1-Trichloroethane	0.00019	mg/kg	U	260	778		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.00011	mg/kg	U	0.13	0.58		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	79-00-5	1,1,2-Trichloroethane	0.00011	mg/kg	U	0.14	0.14		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	75-34-3	1,1-Dichloroethane	0.000059	mg/kg	U	3.5	3.5		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	75-35-4	1,1-Dichloroethene	0.000086	mg/kg	U	11	22		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	563-58-6	1,1-Dichloropropene	0.00019	mg/kg	U	0.001	1.7		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00018	mg/kg	U	6	6		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	96-18-4	1,2,3-Trichloropropane	0.00033	mg/kg	U	0.0049	0.0049		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00027	mg/kg	U	0.27	5.6		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00012	mg/kg	U	0.09	29		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.00096	mg/kg	U	0.0051	0.0051		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00024	mg/kg	U	0.035	0.035		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	95-50-1	1,2-Dichlorobenzene	0.000077	mg/kg	U	0.92	173		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	107-06-2	1,2-Dichloroethane	0.000066	mg/kg	U	0.44	0.44		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	78-87-5	1,2-Dichloropropane	0.00008	mg/kg	U	0.28	1.5		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000049	mg/kg	U	0.16	26		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	541-73-1	1,3-Dichlorobenzene	0.000086	mg/kg	U	0.74	2.5		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	142-28-9	1,3-Dichloropropane	0.000072	mg/kg	U	0.28	154		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	106-46-7	1,4-Dichlorobenzene	0.00013	mg/kg	U	0.89	2.5		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	594-20-7	2,2-Dichloropropane	0.00013	mg/kg	U	0.28	1.5		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	95-49-8	2-Chlorotoluene	0.000063	mg/kg	U	154	154		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	591-78-6	2-Hexanone	0.00096	mg/kg	U	0.36	19		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	106-43-4	4-Chlorotoluene	0.00012	mg/kg	U	154	154		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	67-64-1	Acetone	0.25	mg/kg		1.2	6720		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	71-43-2	Benzene	0.00022	mg/kg	U	1.2	1.2		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	108-86-1	Bromobenzene	0.00012	mg/kg	U	28	28		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	74-97-5	Bromochloromethane	0.00031	mg/kg	U	3.4	3.4		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	75-27-4	Bromodichloromethane	0.000054	mg/kg	U	0.28	0.28		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	75-25-2	Bromoform	0.00031	mg/kg	U	0.07	18		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	74-83-9	Bromomethane	0.00052	mg/kg	U	0.002	0.65		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	75-15-0	Carbon disulfide	0.00083	mg/kg	J	0.81	74		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	56-23-5	Carbon tetrachloride	0.000096	mg/kg	U	0.62	0.62		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	108-90-7	Chlorobenzene	0.000066	mg/kg	U	2.4	27		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	75-00-3	Chloroethane	0.00037	mg/kg	U	518	518		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	67-66-3	Chloroform	0.000059	mg/kg	U	0.31	0.31		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	74-87-3	Chloromethane	0.00007	mg/kg	U	11	11		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	156-59-2	cis-1,2-Dichloroethene	0.000099	mg/kg	U	6	6		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000038	mg/kg	U	0.001	1.7		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	124-48-1	Dibromochloromethane	0.0002	mg/kg	U	3.7	3.7		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	74-95-3	Dibromomethane	0.00022	mg/kg	U	2.304	2.3		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	75-71-8	Dichlorodifluoromethane	0.000088	mg/kg	U	8.4	8.4		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	100-41-4	Ethylbenzene	0.00005	mg/kg	U	0.27	5.6		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	87-68-3	Hexachlorobutadiene	0.00021	mg/kg	U	0.009	1.2		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	98-82-8	Isopropylbenzene	0.000038	mg/kg	U	0.04	182		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	179601-23-1	m,p-Xylene	0.00012	mg/kg	U	1.4	53		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	78-93-3	MEK (2-Butanone)	0.015	mg/kg	J	350	2592		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	75-09-2	Methylene chloride	0.00018	mg/kg	U	2.6	34		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.0003	mg/kg	U	9.7	3168		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	104-51-8	n-Butylbenzene	0.00011	mg/kg	U	374	374		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	103-65-1	n-Propylbenzene	0.000076	mg/kg	U	365	365		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	95-47-6	o-Xylene	0.000072	mg/kg	U	1.4	61		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	99-87-6	p-Cymene	0.012	mg/kg	J	0.18	182		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	135-98-8	sec-Butylbenzene	0.00008	mg/kg	U	749	749		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	100-42-5	Styrene	0.000093	mg/kg	U	1.2	576		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	98-06-6	tert-Butylbenzene	0.000066	mg/kg	U	749	749		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	127-18-4	Tetrachloroethene	0.00015	mg/kg	U	0.18	7.8		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	108-88-3	Toluene	0.0058	mg/kg	J	23	470		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	156-60-5	trans-1,2-Dichloroethene	0.000059	mg/kg	U	6.7	6.7		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	10061-02-6	trans-1,3-Dichloropropene	0.00013	mg/kg	U	0.001	1.7		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	79-01-6	Trichloroethene	0.00016	mg/kg	U	0.39	0.39		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	75-69-4	Trichlorofluoromethane	0.000066	mg/kg	U	52	2208		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	108-05-4	Vinyl acetate	0.00074	mg/kg	U	87	87		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8260B	75-01-4	Vinyl chloride	0.00007	mg/kg	U	0.057	0.057		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	95-95-4	2,4,5-Trichlorophenol	0.003	mg/kg	U	4	605		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	88-06-2	2,4,6-Trichlorophenol	0.0018	mg/kg	U	6	6		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	120-83-2	2,4-Dichlorophenol	0.0018	mg/kg	U	0.05	18		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	105-67-9	2,4-Dimethylphenol	0.0055	mg/kg	U	0.04	125		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	51-28-5	2,4-Dinitrophenol	0.036	mg/kg	U	0.061	12		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	121-14-2	2,4-Dinitrotoluene	0.0028	mg/kg	U	1.6	1.6		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	606-20-2	2,6-Dinitrotoluene	0.0028	mg/kg	U	0.3456	0.35		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	91-58-7	2-Chloronaphthalene	0.0036	mg/kg	U	461	461		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	95-57-8	2-Chlorophenol	0.0017	mg/kg	U	0.39	37		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	91-57-6	2-Methylnaphthalene	0.0028	mg/kg	J	23	23		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	95-48-7	2-Methylphenol	0.0034	mg/kg	U	0.67	307		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	88-74-4	2-Nitroaniline	0.0027	mg/kg	U	5.3	60		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	88-75-5	2-Nitrophenol	0.0026	mg/kg	U	5.1	1824		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	91-94-1	3,3'-Dichlorobenzidine	0.0037	mg/kg	U	0.03	1.2		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	99-09-2	3-Nitroaniline	0.0026	mg/kg	U	0.02	60		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.0017	mg/kg	U	0.49	0.49		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0014	mg/kg	U				
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	59-50-7	4-Chloro-3-methylphenol	0.0021	mg/kg	U	605	605		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	106-47-8	4-Chloroaniline	0.0021	mg/kg	U	1	2.6		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.002	mg/kg	U				
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	106-44-5	4-Methylphenol	0.0029	mg/kg	U	0.08	125		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	100-01-6	4-Nitroaniline	0.0034	mg/kg	U	0.02	24		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	100-02-7	4-Nitrophenol	0.03	mg/kg	U	5.1	1824		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	83-32-9	Acenaphthene	0.014	mg/kg		29	346		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	208-96-8	Acenaphthylene	0.0026	mg/kg	J	1.9	1.9		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	62-53-3	Aniline	0.0015	mg/kg	U	42	42		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	120-12-7	Anthracene	0.029	mg/kg		29	1728		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	56-55-3	Benzo(a)anthracene	0.19	mg/kg		1.1	1.1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	50-32-8	Benzo(a)pyrene	0.2	mg/kg		0.11	0.11		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	205-99-2	Benzo(b)fluoranthene	0.29	mg/kg		1.1	1.1		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	191-24-2	Benzo(g,h,i)perylene	0.12	mg/kg		1.1	173		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	207-08-9	Benzo(k)fluoranthene	0.089	mg/kg		1.1	11		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	65-85-0	Benzoic acid	0.1	mg/kg	J	1	24000		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	100-51-6	Benzyl alcohol	0.0037	mg/kg	U	120	605		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0013	mg/kg	U	18	18		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0024	mg/kg	U	0.22	0.22		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.63	mg/kg		0.02	37		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0012	mg/kg	U	298	298		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	85-68-7	Butyl benzylphthalate	0.0015	mg/kg	U	90	278		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	86-74-8	Carbazole	0.022	mg/kg		7.5	7.5		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	218-01-9	Chrysene	0.22	mg/kg		1.1	106		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	53-70-3	Dibenzo(a,h)anthracene	0.038	mg/kg		0.1056	0.11		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	132-64-9	Dibenzofuran	0.0045	mg/kg	J	6.1	7.5		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	84-66-2	Diethyl phthalate	0.0035	mg/kg	U	100	4896		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	131-11-3	Dimethyl phthalate	0.0018	mg/kg	U	10	37		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	84-74-2	Di-n-butylphthalate	0.0061	mg/kg	J	0.011	605		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	117-84-0	Di-n-octylphthalate	0.0012	mg/kg	U	0.91	60		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	206-44-0	Fluoranthene	0.35	mg/kg		1.1	230		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	86-73-7	Fluorene	0.013	mg/kg		29	230		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	118-74-1	Hexachlorobenzene	0.0021	mg/kg	U	0.075	0.075		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	77-47-4	Hexachlorocyclopentadiene	0.015	mg/kg	U	0.001	0.17		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	67-72-1	Hexachloroethane	0.0022	mg/kg	U	0.024	1.7		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.13	mg/kg		1.1	1.1		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	78-59-1	Isophorone	0.0016	mg/kg	U	547	547		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	91-20-3	Naphthalene	0.0067	mg/kg	J	1.9	1.9		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	98-95-3	Nitrobenzene	0.002	mg/kg	U	2.2	4.9		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	62-75-9	N-Nitrosodimethylamine	0.0061	mg/kg	U	0.0019	0.0019		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0032	mg/kg	U	0.075	0.075		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	86-30-6	N-Nitrosodiphenylamine	0.0022	mg/kg	U	0.55	106		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	87-86-5	Pentachlorophenol	0.0085	mg/kg	U	0.96	1		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	85-01-8	Phenanthrene	0.18	mg/kg		29	1728		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	108-95-2	Phenol	0.0019	mg/kg	U	0.79	1824		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	8270C	129-00-0	Pyrene	0.31	mg/kg		1.1	173		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.30011	mg/kg					
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	1.937	mg/kg		1.1			
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.245	mg/kg		29			
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	Krone	1002-53-5	Dibutyltin	0.0008	mg/kg	J	1.8	1.8		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	Krone	78763-54-9	Monobutyltin	0.00042	mg/kg	J	2.2	2.2		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	Krone	688-73-3	Tributyltin	0.0004	mg/kg	U	2.2	2.2		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	NWTPH-Dx	TPH-D	Diesel Range Organics	13	mg/kg	J	260	1100		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	NWTPH-Dx	MOIL	Residual Range Organics	85	mg/kg	J	260	2800		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	NWTPH-Gx	TPH-G	Gasoline Range Organics	1.5	mg/kg	U	120	1200		
LD-09	723556.464	7834289.174	3/19/2009	0 - 0.17	SO	N	090319-LD-9-So	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0096	mg/kg		0.0073	0.23		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	6010B	7429-90-5	Aluminum	12800	mg/kg		50	7392		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	6010B	7440-39-3	Barium	104	mg/kg		330	1440		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	6010B	7440-41-7	Beryllium	0.28	mg/kg	J	15	15		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	6010B	7440-70-2	Calcium	5520	mg/kg	J				
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	6010B	7440-47-3	Chromium	129	mg/kg	J	0.29	0.29		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	6010B	7440-48-4	Cobalt	12.7	mg/kg		2.2	2.2		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	6010B	7440-50-8	Copper	298	mg/kg	J	28	298		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	6010B	7439-89-6	Iron	39300	mg/kg		5280	5280		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	6010B	7439-92-1	Lead	408	mg/kg		11	192		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	6010B	7439-95-4	Magnesium	7100	mg/kg					
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	6010B	7439-96-5	Manganese	508	mg/kg		173	173		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	6010B	7440-02-0	Nickel	71.9	mg/kg	J	38	134		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	6010B	7440-09-7	Potassium	827	mg/kg					
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	6010B	7440-23-5	Sodium	433	mg/kg					
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	6010B	7440-62-2	Vanadium	72.9	mg/kg		7.8	37		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	6010B	7440-66-6	Zinc	412	mg/kg	J	46	2208		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	6020	7440-36-0	Antimony	0.83	mg/kg	J	0.27	3		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	6020	7440-38-2	Arsenic	15	mg/kg		0.43	0.43		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	6020	7440-43-9	Cadmium	3.98	mg/kg		0.36	0.68		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	6020	7782-49-2	Selenium	0.8	mg/kg	J	0.52	37		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	6020	7440-22-4	Silver	0.27	mg/kg		4.2	37		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	6020	7440-28-0	Thallium	0.212	mg/kg		0.05	0.075		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	7471A	7439-97-6	Mercury	0.358	mg/kg		0.013	1.1		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8081A	72-54-8	4,4'-DDD	0.005	mg/kg	U	0.021	2.2		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8081A	72-55-9	4,4'-DDE	0.00055	mg/kg	U	0.021	1.8		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8081A	50-29-3	4,4'-DDT	0.14	mg/kg		0.021	1.8		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8081A	309-00-2	Aldrin	0.005	mg/kg	U	0.000085	0.031		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8081A	319-84-6	alpha-BHC	0.00055	mg/kg	U	0.0096	0.083		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8081A	5103-71-9	alpha-Chlordane	0.005	mg/kg	U	0.27	1.7		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8081A	319-85-7	beta-BHC	0.0009	mg/kg	U	0.0096	0.086		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8081A	319-86-8	delta-BHC	0.005	mg/kg	U	0.0096	0.083		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8081A	60-57-1	Dieldrin	0.031	mg/kg	U	0.0049	0.033		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8081A	959-98-8	Endosulfan I	0.0083	mg/kg	U	0.64	45		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8081A	33213-65-9	Endosulfan II	0.005	mg/kg	U	0.64	45		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8081A	1031-07-8	Endosulfan sulfate	0.0033	mg/kg	J	0.64	36		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8081A	72-20-8	Endrin	0.015	mg/kg		0.0014	1.8		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8081A	7421-93-4	Endrin aldehyde	0.011	mg/kg		0.0014	1.8		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8081A	53494-70-5	Endrin ketone	0.0085	mg/kg	U	0.0014	1.8		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8081A	58-89-9	gamma-BHC (Lindane)	0.037	mg/kg	U	0.0096	0.49		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8081A	5103-74-2	gamma-Chlordane	0.097	mg/kg		0.27	1.7		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8081A	76-44-8	Heptachlor	0.005	mg/kg	U	0.0016	0.11		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8081A	1024-57-3	Heptachlor epoxide	0.00042	mg/kg	U	0.00015	0.055		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8081A	72-43-5	Methoxychlor	0.0044	mg/kg	U	5.1	31		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8081A	8001-35-2	Toxaphene	1.7	mg/kg	U	0.47	0.47		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8082	12674-11-2	Aroclor-1016	0.011	mg/kg	U	0.041	0.1		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8082	11104-28-2	Aroclor-1221	0.011	mg/kg	U	0.041	0.19		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8082	11141-16-5	Aroclor-1232	0.011	mg/kg	U	0.041	0.16		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8082	53469-21-9	Aroclor-1242	0.011	mg/kg	U	0.041	0.22		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8082	12672-29-6	Aroclor-1248	0.011	mg/kg	U	0.041	0.22		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8082	11097-69-1	Aroclor-1254	1.7	mg/kg		0.029	0.029		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8082	11096-82-5	Aroclor-1260	0.44	mg/kg		0.041	0.23		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8082	37324-23-5	Aroclor-1262	0.011	mg/kg	U	0.041			
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8082	11100-14-4	Aroclor-1268	0.011	mg/kg	U	0.041	0.2304		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00024	mg/kg	U	0.07	1.9		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	71-55-6	1,1,1-Trichloroethane	0.0002	mg/kg	U	260	778		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.00012	mg/kg	U	0.13	0.58		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	79-00-5	1,1,2-Trichloroethane	0.00012	mg/kg	U	0.14	0.14		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	75-34-3	1,1-Dichloroethane	0.000062	mg/kg	U	3.5	3.5		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	75-35-4	1,1-Dichloroethene	0.000091	mg/kg	U	11	22		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	563-58-6	1,1-Dichloropropene	0.0002	mg/kg	U	0.001	1.7		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00019	mg/kg	U	6	6		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	96-18-4	1,2,3-Trichloropropane	0.00035	mg/kg	U	0.0049	0.0049		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00029	mg/kg	U	0.27	5.6		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00012	mg/kg	U	0.09	29		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.0011	mg/kg	U	0.0051	0.0051		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00025	mg/kg	U	0.035	0.035		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	95-50-1	1,2-Dichlorobenzene	0.000082	mg/kg	U	0.92	173		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	107-06-2	1,2-Dichloroethane	0.00007	mg/kg	U	0.44	0.44		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	78-87-5	1,2-Dichloropropane	0.000084	mg/kg	U	0.28	1.5		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000052	mg/kg	U	0.16	26		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	541-73-1	1,3-Dichlorobenzene	0.000091	mg/kg	U	0.74	2.5		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	142-28-9	1,3-Dichloropropane	0.000076	mg/kg	U	0.28	154		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	106-46-7	1,4-Dichlorobenzene	0.00013	mg/kg	U	0.89	2.5		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	594-20-7	2,2-Dichloropropane	0.00013	mg/kg	U	0.28	1.5		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	95-49-8	2-Chlorotoluene	0.000066	mg/kg	U	154	154		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	591-78-6	2-Hexanone	0.0011	mg/kg	U	0.36	19		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	106-43-4	4-Chlorotoluene	0.00012	mg/kg	U	154	154		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	67-64-1	Acetone	0.33	mg/kg		1.2	6720		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	71-43-2	Benzene	0.0007	mg/kg	J	1.2	1.2		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	108-86-1	Bromobenzene	0.00012	mg/kg	U	28	28		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	74-97-5	Bromochloromethane	0.00033	mg/kg	U	3.4	3.4		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	75-27-4	Bromodichloromethane	0.000057	mg/kg	U	0.28	0.28		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	75-25-2	Bromoform	0.00033	mg/kg	U	0.07	18		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	74-83-9	Bromomethane	0.00055	mg/kg	U	0.002	0.65		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	75-15-0	Carbon disulfide	0.00036	mg/kg	J	0.81	74		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	56-23-5	Carbon tetrachloride	0.00011	mg/kg	U	0.62	0.62		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	108-90-7	Chlorobenzene	0.00007	mg/kg	U	2.4	27		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	75-00-3	Chloroethane	0.00039	mg/kg	U	518	518		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	67-66-3	Chloroform	0.000062	mg/kg	U	0.31	0.31		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	74-87-3	Chloromethane	0.000074	mg/kg	U	11	11		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	156-59-2	cis-1,2-Dichloroethene	0.00011	mg/kg	U	6	6		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	10061-01-5	cis-1,3-Dichloropropene	0.00004	mg/kg	U	0.001	1.7		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	124-48-1	Dibromochloromethane	0.00021	mg/kg	U	3.7	3.7		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	74-95-3	Dibromomethane	0.00024	mg/kg	U	2.304	2.3		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	75-71-8	Dichlorodifluoromethane	0.000093	mg/kg	U	8.4	8.4		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	100-41-4	Ethylbenzene	0.000053	mg/kg	U	0.27	5.6		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	87-68-3	Hexachlorobutadiene	0.00022	mg/kg	U	0.009	1.2		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	98-82-8	Isopropylbenzene	0.00004	mg/kg	U	0.04	182		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	179601-23-1	m,p-Xylene	0.00012	mg/kg	U	1.4	53		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	78-93-3	MEK (2-Butanone)	0.032	mg/kg		350	2592		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	75-09-2	Methylene chloride	0.00024	mg/kg	J	2.6	34		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00067	mg/kg	J	9.7	3168		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	104-51-8	n-Butylbenzene	0.00012	mg/kg	U	374	374		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	103-65-1	n-Propylbenzene	0.00008	mg/kg	U	365	365		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	95-47-6	o-Xylene	0.000076	mg/kg	U	1.4	61		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	99-87-6	p-Cymene	0.0009	mg/kg	J	0.18	182		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	135-98-8	sec-Butylbenzene	0.000084	mg/kg	U	749	749		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	100-42-5	Styrene	0.000098	mg/kg	U	1.2	576		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	98-06-6	tert-Butylbenzene	0.00007	mg/kg	U	749	749		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	127-18-4	Tetrachloroethene	0.00016	mg/kg	U	0.18	7.8		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	108-88-3	Toluene	0.00099	mg/kg	J	23	470		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	156-60-5	trans-1,2-Dichloroethene	0.000062	mg/kg	U	6.7	6.7		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	10061-02-6	trans-1,3-Dichloropropene	0.00013	mg/kg	U	0.001	1.7		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	79-01-6	Trichloroethene	0.00017	mg/kg	U	0.39	0.39		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	75-69-4	Trichlorofluoromethane	0.00007	mg/kg	U	52	2208		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	108-05-4	Vinyl acetate	0.00078	mg/kg	U	87	87		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8260B	75-01-4	Vinyl chloride	0.000074	mg/kg	U	0.057	0.057		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	95-95-4	2,4,5-Trichlorophenol	0.03	mg/kg	U	4	605		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	88-06-2	2,4,6-Trichlorophenol	0.018	mg/kg	U	6	6		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	120-83-2	2,4-Dichlorophenol	0.018	mg/kg	U	0.05	18		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	105-67-9	2,4-Dimethylphenol	0.055	mg/kg	U	0.04	125		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	51-28-5	2,4-Dinitrophenol	0.36	mg/kg	U	0.061	12		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	121-14-2	2,4-Dinitrotoluene	0.028	mg/kg	U	1.6	1.6		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	606-20-2	2,6-Dinitrotoluene	0.028	mg/kg	U	0.3456	0.35		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	91-58-7	2-Chloronaphthalene	0.036	mg/kg	U	461	461		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	95-57-8	2-Chlorophenol	0.017	mg/kg	U	0.39	37		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	91-57-6	2-Methylnaphthalene	0.036	mg/kg	J	23	23		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	95-48-7	2-Methylphenol	0.034	mg/kg	U	0.67	307		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	88-74-4	2-Nitroaniline	0.027	mg/kg	U	5.3	60		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	88-75-5	2-Nitrophenol	0.026	mg/kg	U	5.1	1824		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	91-94-1	3,3'-Dichlorobenzidine	0.037	mg/kg	U	0.03	1.2		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	99-09-2	3-Nitroaniline	0.026	mg/kg	U	0.02	60		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.017	mg/kg	U	0.49	0.49		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	101-55-3	4-Bromophenyl phenyl ether	0.014	mg/kg	U				
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	59-50-7	4-Chloro-3-methylphenol	0.021	mg/kg	U	605	605		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	106-47-8	4-Chloroaniline	0.021	mg/kg	U	1	2.6		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.02	mg/kg	U				
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	106-44-5	4-Methylphenol	0.029	mg/kg	U	0.08	125		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	100-01-6	4-Nitroaniline	0.034	mg/kg	U	0.02	24		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	100-02-7	4-Nitrophenol	0.3	mg/kg	U	5.1	1824		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	83-32-9	Acenaphthene	0.099	mg/kg	J	29	346		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	208-96-8	Acenaphthylene	0.025	mg/kg	J	1.9	1.9		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	62-53-3	Aniline	0.015	mg/kg	U	42	42		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	120-12-7	Anthracene	0.17	mg/kg		29	1728		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	56-55-3	Benzo(a)anthracene	0.66	mg/kg		1.1	1.1		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	50-32-8	Benzo(a)pyrene	0.67	mg/kg		0.11	0.11		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	205-99-2	Benzo(b)fluoranthene	1.1	mg/kg		1.1	1.1		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	191-24-2	Benzo(g,h,i)perylene	0.44	mg/kg		1.1	173		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	207-08-9	Benzo(k)fluoranthene	0.36	mg/kg		1.1	11		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	65-85-0	Benzoic acid	0.96	mg/kg	U	1	24000		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	100-51-6	Benzyl alcohol	0.037	mg/kg	U	120	605		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.013	mg/kg	U	18	18		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	111-44-4	Bis (2-chloroethyl) ether	0.024	mg/kg	U	0.22	0.22		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	13	mg/kg		0.02	37		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.012	mg/kg	U	298	298		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	85-68-7	Butyl benzylphthalate	0.015	mg/kg	U	90	278		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	86-74-8	Carbazole	0.13	mg/kg		7.5	7.5		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	218-01-9	Chrysene	0.87	mg/kg		1.1	106		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	53-70-3	Dibenzo(a,h)anthracene	0.13	mg/kg		0.1056	0.11		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	132-64-9	Dibenzofuran	0.038	mg/kg	J	6.1	7.5		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	84-66-2	Diethyl phthalate	0.035	mg/kg	U	100	4896		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	131-11-3	Dimethyl phthalate	0.041	mg/kg	J	10	37		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	84-74-2	Di-n-butylphthalate	0.28	mg/kg		0.011	605		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	117-84-0	Di-n-octylphthalate	0.012	mg/kg	U	0.91	60		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	206-44-0	Fluoranthene	1.3	mg/kg		1.1	230		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	86-73-7	Fluorene	0.075	mg/kg	J	29	230		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	118-74-1	Hexachlorobenzene	0.021	mg/kg	U	0.075	0.075		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	77-47-4	Hexachlorocyclopentadiene	0.15	mg/kg	U	0.001	0.17		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	67-72-1	Hexachloroethane	0.022	mg/kg	U	0.024	1.7		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.45	mg/kg		1.1	1.1		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	78-59-1	Isophorone	0.016	mg/kg	U	547	547		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	91-20-3	Naphthalene	0.045	mg/kg	J	1.9	1.9		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	98-95-3	Nitrobenzene	0.02	mg/kg	U	2.2	4.9		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	62-75-9	N-Nitrosodimethylamine	0.061	mg/kg	U	0.0019	0.0019		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.032	mg/kg	U	0.075	0.075		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	86-30-6	N-Nitrosodiphenylamine	0.022	mg/kg	U	0.55	106		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	87-86-5	Pentachlorophenol	0.085	mg/kg	U	0.96	1		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	85-01-8	Phenanthrene	0.81	mg/kg		29	1728		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	108-95-2	Phenol	0.019	mg/kg	U	0.79	1824		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	8270C	129-00-0	Pyrene	1.3	mg/kg		1.1	173		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	1.02547	mg/kg					
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	7.28	mg/kg		1.1			
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	1.224	mg/kg		29			
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	Krone	1002-53-5	Dibutyltin	0.0034	mg/kg		1.8	1.8		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	Krone	78763-54-9	Monobutyltin	0.0025	mg/kg		2.2	2.2		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	Krone	688-73-3	Tributyltin	0.0031	mg/kg		2.2	2.2		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	NWTPH-Dx	TPH-D	Diesel Range Organics	260	mg/kg		260	1100		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	NWTPH-Dx	MOIL	Residual Range Organics	1200	mg/kg		260	2800		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	NWTPH-Gx	TPH-G	Gasoline Range Organics	3.1	mg/kg	J	120	1200		
LD-10	723563.89	7834308.787	3/19/2009	0 - 0.17	SO	N	090319-LD-10-So	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	2.14	mg/kg		0.0073	0.23		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	6010B	7429-90-5	Aluminum	20100	mg/kg		50	7392		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	6010B	7440-39-3	Barium	131	mg/kg		330	1440		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	6010B	7440-41-7	Beryllium	0.49	mg/kg	J	15	15		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	6010B	7440-70-2	Calcium	8730	mg/kg	J				
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	6010B	7440-47-3	Chromium	105	mg/kg	J	0.29	0.29		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	6010B	7440-48-4	Cobalt	18.6	mg/kg		2.2	2.2		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	6010B	7440-50-8	Copper	158	mg/kg	J	28	298		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	6010B	7439-89-6	Iron	40300	mg/kg		5280	5280		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	6010B	7439-92-1	Lead	106	mg/kg		11	192		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	6010B	7439-95-4	Magnesium	10000	mg/kg					
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	6010B	7439-96-5	Manganese	592	mg/kg		173	173		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	6010B	7440-02-0	Nickel	74.7	mg/kg	J	38	134		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	6010B	7440-09-7	Potassium	1070	mg/kg					
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	6010B	7440-23-5	Sodium	461	mg/kg					
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	6010B	7440-62-2	Vanadium	77.1	mg/kg		7.8	37		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	6010B	7440-66-6	Zinc	270	mg/kg	J	46	2208		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	6020	7440-36-0	Antimony	0.48	mg/kg	J	0.27	3		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	6020	7440-38-2	Arsenic	8.16	mg/kg		0.43	0.43		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	6020	7440-43-9	Cadmium	4.06	mg/kg		0.36	0.68		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	6020	7782-49-2	Selenium	0.6	mg/kg	J	0.52	37		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	6020	7440-22-4	Silver	0.132	mg/kg		4.2	37		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	6020	7440-28-0	Thallium	0.121	mg/kg		0.05	0.075		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	7471A	7439-97-6	Mercury	0.105	mg/kg		0.013	1.1		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8081A	72-54-8	4,4'-DDD	0.001	mg/kg	U	0.021	2.2		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8081A	72-55-9	4,4'-DDE	0.0017	mg/kg	U	0.021	1.8		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8081A	50-29-3	4,4'-DDT	0.044	mg/kg		0.021	1.8		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8081A	309-00-2	Aldrin	0.001	mg/kg	U	0.000085	0.031		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8081A	319-84-6	alpha-BHC	0.001	mg/kg	U	0.0096	0.083		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8081A	5103-71-9	alpha-Chlordane	0.001	mg/kg	U	0.27	1.7		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8081A	319-85-7	beta-BHC	0.001	mg/kg	U	0.0096	0.086		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8081A	319-86-8	delta-BHC	0.001	mg/kg	U	0.0096	0.083		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8081A	60-57-1	Dieldrin	0.0057	mg/kg	U	0.0049	0.033		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8081A	959-98-8	Endosulfan I	0.0049	mg/kg		0.64	45		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8081A	33213-65-9	Endosulfan II	0.001	mg/kg	U	0.64	45		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8081A	1031-07-8	Endosulfan sulfate	0.001	mg/kg	U	0.64	36		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8081A	72-20-8	Endrin	0.0033	mg/kg		0.0014	1.8		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8081A	7421-93-4	Endrin aldehyde	0.0037	mg/kg		0.0014	1.8		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8081A	53494-70-5	Endrin ketone	0.0011	mg/kg	U	0.0014	1.8		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8081A	58-89-9	gamma-BHC (Lindane)	0.001	mg/kg	U	0.0096	0.49		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8081A	5103-74-2	gamma-Chlordane	0.014	mg/kg		0.27	1.7		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8081A	76-44-8	Heptachlor	0.001	mg/kg	U	0.0016	0.11		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8081A	1024-57-3	Heptachlor epoxide	0.001	mg/kg	U	0.00015	0.055		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8081A	72-43-5	Methoxychlor	0.001	mg/kg	U	5.1	31		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8081A	8001-35-2	Toxaphene	0.44	mg/kg	U	0.47	0.47		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8082	12674-11-2	Aroclor-1016	0.01	mg/kg	U	0.041	0.1		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8082	11104-28-2	Aroclor-1221	0.02	mg/kg	U	0.041	0.19		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8082	11141-16-5	Aroclor-1232	0.01	mg/kg	U	0.041	0.16		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8082	53469-21-9	Aroclor-1242	0.01	mg/kg	U	0.041	0.22		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8082	12672-29-6	Aroclor-1248	0.01	mg/kg	U	0.041	0.22		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8082	11097-69-1	Aroclor-1254	0.43	mg/kg		0.029	0.029		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8082	11096-82-5	Aroclor-1260	0.19	mg/kg		0.041	0.23		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8082	37324-23-5	Aroclor-1262	0.01	mg/kg	U	0.041			
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8082	11100-14-4	Aroclor-1268	0.01	mg/kg	U	0.041	0.2304		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0063	mg/kg	U	0.07	1.9		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	71-55-6	1,1,1-Trichloroethane	0.00049	mg/kg	J	260	778		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.0063	mg/kg	U	0.13	0.58		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	79-00-5	1,1,2-Trichloroethane	0.0063	mg/kg	U	0.14	0.14		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	75-34-3	1,1-Dichloroethane	0.0063	mg/kg	U	3.5	3.5		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	75-35-4	1,1-Dichloroethene	0.0063	mg/kg	U	11	22		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	563-58-6	1,1-Dichloropropene	0.0063	mg/kg	U	0.001	1.7		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	87-61-6	1,2,3-Trichlorobenzene	0.026	mg/kg	U	6	6		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	96-18-4	1,2,3-Trichloropropane	0.0063	mg/kg	U	0.0049	0.0049		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00026	mg/kg	J	0.09	29		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.026	mg/kg	U	0.0051	0.0051		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.026	mg/kg	U	0.035	0.035		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	95-50-1	1,2-Dichlorobenzene	0.0063	mg/kg	U	0.92	173		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	107-06-2	1,2-Dichloroethane	0.0063	mg/kg	U	0.44	0.44		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	78-87-5	1,2-Dichloropropane	0.0063	mg/kg	U	0.28	1.5		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	108-67-8	1,3,5-Trimethylbenzene	0.026	mg/kg	U	0.16	26		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	541-73-1	1,3-Dichlorobenzene	0.0063	mg/kg	U	0.74	2.5		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	142-28-9	1,3-Dichloropropane	0.0063	mg/kg	U	0.28	154		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	106-46-7	1,4-Dichlorobenzene	0.0063	mg/kg	U	0.89	2.5		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	594-20-7	2,2-Dichloropropane	0.0063	mg/kg	U	0.28	1.5		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	95-49-8	2-Chlorotoluene	0.026	mg/kg	U	154	154		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	591-78-6	2-Hexanone	0.026	mg/kg	U	0.36	19		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	106-43-4	4-Chlorotoluene	0.026	mg/kg	U	154	154		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	67-64-1	Acetone	0.18	mg/kg		1.2	6720		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	71-43-2	Benzene	0.00039	mg/kg	J	1.2	1.2		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	108-86-1	Bromobenzene	0.0063	mg/kg	U	28	28		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	74-97-5	Bromochloromethane	0.0063	mg/kg	U	3.4	3.4		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	75-27-4	Bromodichloromethane	0.0063	mg/kg	U	0.28	0.28		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	75-25-2	Bromoform	0.0063	mg/kg	U	0.07	18		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	74-83-9	Bromomethane	0.0063	mg/kg	U	0.002	0.65		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	75-15-0	Carbon disulfide	0.00079	mg/kg	J	0.81	74		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	56-23-5	Carbon tetrachloride	0.0063	mg/kg	U	0.62	0.62		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	108-90-7	Chlorobenzene	0.0063	mg/kg	U	2.4	27		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	75-00-3	Chloroethane	0.0063	mg/kg	U	518	518		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	67-66-3	Chloroform	0.0063	mg/kg	U	0.31	0.31		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	74-87-3	Chloromethane	0.0063	mg/kg	U	11	11		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	156-59-2	cis-1,2-Dichloroethene	0.0063	mg/kg	U	6	6		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0063	mg/kg	U	0.001	1.7		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	124-48-1	Dibromochloromethane	0.0063	mg/kg	U	3.7	3.7		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	74-95-3	Dibromomethane	0.0063	mg/kg	U	2.304	2.3		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	75-71-8	Dichlorodifluoromethane	0.00039	mg/kg	J	8.4	8.4		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	100-41-4	Ethylbenzene	0.0001	mg/kg	J	0.27	5.6		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	98-82-8	Isopropylbenzene	0.026	mg/kg	U	0.04	182		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	179601-23-1	m,p-Xylene	0.00025	mg/kg	J	1.4	53		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	78-93-3	MEK (2-Butanone)	0.013	mg/kg	J	350	2592		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	75-09-2	Methylene chloride	0.00046	mg/kg	J	2.6	34		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00051	mg/kg	J	9.7	3168		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	104-51-8	n-Butylbenzene	0.026	mg/kg	U	374	374		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	103-65-1	n-Propylbenzene	0.026	mg/kg	U	365	365		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	95-47-6	o-Xylene	0.0063	mg/kg	U	1.4	61		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	99-87-6	p-Cymene	0.026	mg/kg	U	0.18	182		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	135-98-8	sec-Butylbenzene	0.026	mg/kg	U	749	749		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	100-42-5	Styrene	0.0063	mg/kg	U	1.2	576		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	98-06-6	tert-Butylbenzene	0.026	mg/kg	U	749	749		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	127-18-4	Tetrachloroethene	0.0063	mg/kg	U	0.18	7.8		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	108-88-3	Toluene	0.00048	mg/kg	J	23	470		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	156-60-5	trans-1,2-Dichloroethene	0.0063	mg/kg	U	6.7	6.7		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	10061-02-6	trans-1,3-Dichloropropene	0.0063	mg/kg	U	0.001	1.7		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	79-01-6	Trichloroethene	0.0063	mg/kg	U	0.39	0.39		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	75-69-4	Trichlorofluoromethane	0.0063	mg/kg	U	52	2208		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	108-05-4	Vinyl acetate	0.026	mg/kg	U	87	87		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8260B	75-01-4	Vinyl chloride	0.0063	mg/kg	U	0.057	0.057		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	120-82-1	1,2,4-Trichlorobenzene	0.01	mg/kg	U	0.27	5.6		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	95-95-4	2,4,5-Trichlorophenol	0.01	mg/kg	U	4	605		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	88-06-2	2,4,6-Trichlorophenol	0.01	mg/kg	U	6	6		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	120-83-2	2,4-Dichlorophenol	0.01	mg/kg	U	0.05	18		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	105-67-9	2,4-Dimethylphenol	0.05	mg/kg	U	0.04	125		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	51-28-5	2,4-Dinitrophenol	0.2	mg/kg	U	0.061	12		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	121-14-2	2,4-Dinitrotoluene	0.01	mg/kg	U	1.6	1.6		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	606-20-2	2,6-Dinitrotoluene	0.01	mg/kg	U	0.3456	0.35		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	91-58-7	2-Chloronaphthalene	0.01	mg/kg	U	461	461		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	95-57-8	2-Chlorophenol	0.01	mg/kg	U	0.39	37		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	91-57-6	2-Methylnaphthalene	0.0092	mg/kg	J	23	23		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	95-48-7	2-Methylphenol	0.01	mg/kg	U	0.67	307		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	88-74-4	2-Nitroaniline	0.02	mg/kg	U	5.3	60		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	88-75-5	2-Nitrophenol	0.01	mg/kg	U	5.1	1824		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	91-94-1	3,3'-Dichlorobenzidine	0.1	mg/kg	U	0.03	1.2		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	99-09-2	3-Nitroaniline	0.02	mg/kg	U	0.02	60		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.1	mg/kg	U	0.49	0.49		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	101-55-3	4-Bromophenyl phenyl ether	0.01	mg/kg	U				
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	59-50-7	4-Chloro-3-methylphenol	0.01	mg/kg	U	605	605		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	106-47-8	4-Chloroaniline	0.01	mg/kg	U	1	2.6		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.01	mg/kg	U				
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	106-44-5	4-Methylphenol	0.01	mg/kg	U	0.08	125		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	100-01-6	4-Nitroaniline	0.02	mg/kg	U	0.02	24		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	100-02-7	4-Nitrophenol	0.1	mg/kg	U	5.1	1824		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	83-32-9	Acenaphthene	0.024	mg/kg		29	346		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	208-96-8	Acenaphthylene	0.0034	mg/kg	J	1.9	1.9		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	62-53-3	Aniline	0.02	mg/kg	U	42	42		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	120-12-7	Anthracene	0.064	mg/kg		29	1728		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	56-55-3	Benzo(a)anthracene	0.3	mg/kg		1.1	1.1		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	50-32-8	Benzo(a)pyrene	0.28	mg/kg		0.11	0.11		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	205-99-2	Benzo(b)fluoranthene	0.38	mg/kg		1.1	1.1		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	191-24-2	Benzo(g,h,i)perylene	0.18	mg/kg		1.1	173		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	207-08-9	Benzo(k)fluoranthene	0.13	mg/kg		1.1	11		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	65-85-0	Benzoic acid	0.11	mg/kg	J	1	24000		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	100-51-6	Benzyl alcohol	0.02	mg/kg	U	120	605		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.01	mg/kg	U	18	18		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	111-44-4	Bis (2-chloroethyl) ether	0.01	mg/kg	U	0.22	0.22		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.94	mg/kg		0.02	37		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.01	mg/kg	U	298	298		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	85-68-7	Butyl benzylphthalate	0.01	mg/kg	U	90	278		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	86-74-8	Carbazole	0.035	mg/kg		7.5	7.5		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	218-01-9	Chrysene	0.33	mg/kg		1.1	106		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	53-70-3	Dibenzo(a,h)anthracene	0.048	mg/kg		0.1056	0.11		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	132-64-9	Dibenzofuran	0.0096	mg/kg	J	6.1	7.5		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	84-66-2	Diethyl phthalate	0.0088	mg/kg	J	100	4896		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	131-11-3	Dimethyl phthalate	0.01	mg/kg	U	10	37		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	84-74-2	Di-n-butylphthalate	0.23	mg/kg		0.011	605		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	117-84-0	Di-n-octylphthalate	0.01	mg/kg	U	0.91	60		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	206-44-0	Fluoranthene	0.61	mg/kg		1.1	230		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	86-73-7	Fluorene	0.022	mg/kg		29	230		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	118-74-1	Hexachlorobenzene	0.01	mg/kg	U	0.075	0.075		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	87-68-3	Hexachlorobutadiene	0.01	mg/kg	U	0.009	1.2		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	77-47-4	Hexachlorocyclopentadiene	0.05	mg/kg	U	0.001	0.17		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	67-72-1	Hexachloroethane	0.01	mg/kg	U	0.024	1.7		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.19	mg/kg		1.1	1.1		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	78-59-1	Isophorone	0.01	mg/kg	U	547	547		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	91-20-3	Naphthalene	0.0086	mg/kg	J	1.9	1.9		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	98-95-3	Nitrobenzene	0.01	mg/kg	U	2.2	4.9		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	62-75-9	N-Nitrosodimethylamine	0.05	mg/kg	U	0.0019	0.0019		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.01	mg/kg	U	0.075	0.075		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	86-30-6	N-Nitrosodiphenylamine	0.01	mg/kg	U	0.55	106		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	87-86-5	Pentachlorophenol	0.1	mg/kg	U	0.96	1		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	85-01-8	Phenanthrene	0.3	mg/kg		29	1728		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	108-95-2	Phenol	0.03	mg/kg	U	0.79	1824		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	8270C	129-00-0	Pyrene	0.55	mg/kg		1.1	173		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	Krone	1002-53-5	Dibutyltin	0.0012	mg/kg	U	1.8	1.8		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	Krone	78763-54-9	Monobutyltin	0.00086	mg/kg	J	2.2	2.2		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	Krone	688-73-3	Tributyltin	0.0012	mg/kg	U	2.2	2.2		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	NWTPH-Dx	TPH-D	Diesel Range Organics	38	mg/kg		260	1100		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	NWTPH-Dx	MOIL	Residual Range Organics	140	mg/kg		260	2800		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	FD	090319-LD-21-So	NWTPH-Gx	TPH-G	Gasoline Range Organics	4.5	mg/kg	U	120	1200		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	6010B	7429-90-5	Aluminum	22100	mg/kg		50	7392		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	6010B	7440-39-3	Barium	135	mg/kg		330	1440		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	6010B	7440-41-7	Beryllium	0.52	mg/kg	J	15	15		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	6010B	7440-70-2	Calcium	8940	mg/kg	J				
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	6010B	7440-47-3	Chromium	56.4	mg/kg	J	0.29	0.29		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	6010B	7440-48-4	Cobalt	18.6	mg/kg		2.2	2.2		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	6010B	7440-50-8	Copper	158	mg/kg	J	28	298		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	6010B	7439-89-6	Iron	42500	mg/kg		5280	5280		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	6010B	7439-92-1	Lead	85.7	mg/kg		11	192		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	6010B	7439-95-4	Magnesium	11200	mg/kg					
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	6010B	7439-96-5	Manganese	604	mg/kg		173	173		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	6010B	7440-02-0	Nickel	39.2	mg/kg	J	38	134		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	6010B	7440-09-7	Potassium	1130	mg/kg					
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	6010B	7440-23-5	Sodium	457	mg/kg					
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	6010B	7440-62-2	Vanadium	83	mg/kg		7.8	37		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	6010B	7440-66-6	Zinc	168	mg/kg	J	46	2208		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	6020	7440-36-0	Antimony	0.43	mg/kg	J	0.27	3		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	6020	7440-38-2	Arsenic	7.1	mg/kg		0.43	0.43		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	6020	7440-43-9	Cadmium	11.4	mg/kg		0.36	0.68		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	6020	7782-49-2	Selenium	0.9	mg/kg	J	0.52	37		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	6020	7440-22-4	Silver	0.123	mg/kg		4.2	37		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	6020	7440-28-0	Thallium	0.127	mg/kg		0.05	0.075		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	7471A	7439-97-6	Mercury	0.143	mg/kg		0.013	1.1		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8081A	72-54-8	4,4'-DDD	0.00055	mg/kg	U	0.021	2.2		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8081A	72-55-9	4,4'-DDE	0.005	mg/kg	U	0.021	1.8		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8081A	50-29-3	4,4'-DDT	0.062	mg/kg		0.021	1.8		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8081A	309-00-2	Aldrin	0.0008	mg/kg	U	0.000085	0.031		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8081A	319-84-6	alpha-BHC	0.00055	mg/kg	U	0.0096	0.083		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8081A	5103-71-9	alpha-Chlordane	0.0005	mg/kg	U	0.27	1.7		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8081A	319-85-7	beta-BHC	0.0009	mg/kg	U	0.0096	0.086		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8081A	319-86-8	delta-BHC	0.00037	mg/kg	U	0.0096	0.083		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8081A	60-57-1	Dieldrin	0.044	mg/kg	U	0.0049	0.033		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8081A	959-98-8	Endosulfan I	0.008	mg/kg		0.64	45		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8081A	33213-65-9	Endosulfan II	0.005	mg/kg	U	0.64	45		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8081A	1031-07-8	Endosulfan sulfate	0.00055	mg/kg	U	0.64	36		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8081A	72-20-8	Endrin	0.0027	mg/kg	J	0.0014	1.8		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8081A	7421-93-4	Endrin aldehyde	0.0051	mg/kg		0.0014	1.8		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8081A	53494-70-5	Endrin ketone	0.0053	mg/kg	U	0.0014	1.8		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8081A	58-89-9	gamma-BHC (Lindane)	0.0004	mg/kg	U	0.0096	0.49		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8081A	5103-74-2	gamma-Chlordane	0.025	mg/kg		0.27	1.7		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8081A	76-44-8	Heptachlor	0.0006	mg/kg	U	0.0016	0.11		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8081A	1024-57-3	Heptachlor epoxide	0.005	mg/kg	U	0.00015	0.055		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8081A	72-43-5	Methoxychlor	0.005	mg/kg	U	5.1	31		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8081A	8001-35-2	Toxaphene	0.68	mg/kg	U	0.47	0.47		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8082	12674-11-2	Aroclor-1016	0.0021	mg/kg	U	0.041	0.1		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8082	11104-28-2	Aroclor-1221	0.0021	mg/kg	U	0.041	0.19		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8082	11141-16-5	Aroclor-1232	0.0021	mg/kg	U	0.041	0.16		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8082	53469-21-9	Aroclor-1242	0.0021	mg/kg	U	0.041	0.22		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8082	12672-29-6	Aroclor-1248	0.0021	mg/kg	U	0.041	0.22		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8082	11097-69-1	Aroclor-1254	0.52	mg/kg		0.029	0.029		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8082	11096-82-5	Aroclor-1260	0.24	mg/kg		0.041	0.23		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8082	37324-23-5	Aroclor-1262	0.0021	mg/kg	U	0.041			
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8082	11100-14-4	Aroclor-1268	0.0021	mg/kg	U	0.041	0.2304		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00025	mg/kg	U	0.07	1.9		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	71-55-6	1,1,1-Trichloroethane	0.00021	mg/kg	U	260	778		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.00013	mg/kg	U	0.13	0.58		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	79-00-5	1,1,2-Trichloroethane	0.00012	mg/kg	U	0.14	0.14		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	75-34-3	1,1-Dichloroethane	0.000066	mg/kg	U	3.5	3.5		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	75-35-4	1,1-Dichloroethene	0.000096	mg/kg	U	11	22		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	563-58-6	1,1-Dichloropropene	0.00021	mg/kg	U	0.001	1.7		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	87-61-6	1,2,3-Trichlorobenzene	0.0002	mg/kg	U	6	6		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	96-18-4	1,2,3-Trichloropropane	0.00037	mg/kg	U	0.0049	0.0049		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	120-82-1	1,2,4-Trichlorobenzene	0.0003	mg/kg	U	0.27	5.6		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00015	mg/kg	J	0.09	29		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.0011	mg/kg	U	0.0051	0.0051		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00026	mg/kg	U	0.035	0.035		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	95-50-1	1,2-Dichlorobenzene	0.000086	mg/kg	U	0.92	173		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	107-06-2	1,2-Dichloroethane	0.000074	mg/kg	U	0.44	0.44		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	78-87-5	1,2-Dichloropropane	0.000089	mg/kg	U	0.28	1.5		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000055	mg/kg	U	0.16	26		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	541-73-1	1,3-Dichlorobenzene	0.000096	mg/kg	U	0.74	2.5		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	142-28-9	1,3-Dichloropropane	0.000081	mg/kg	U	0.28	154		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	106-46-7	1,4-Dichlorobenzene	0.00014	mg/kg	U	0.89	2.5		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	594-20-7	2,2-Dichloropropane	0.00014	mg/kg	U	0.28	1.5		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	95-49-8	2-Chlorotoluene	0.00007	mg/kg	U	154	154		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	591-78-6	2-Hexanone	0.0011	mg/kg	U	0.36	19		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	106-43-4	4-Chlorotoluene	0.00013	mg/kg	U	154	154		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	67-64-1	Acetone	0.069	mg/kg		1.2	6720		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	71-43-2	Benzene	0.0002	mg/kg	U	1.2	1.2		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	108-86-1	Bromobenzene	0.00013	mg/kg	U	28	28		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	74-97-5	Bromochloromethane	0.00035	mg/kg	U	3.4	3.4		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	75-27-4	Bromodichloromethane	0.00006	mg/kg	U	0.28	0.28		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	75-25-2	Bromoform	0.00035	mg/kg	U	0.07	18		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	74-83-9	Bromomethane	0.00058	mg/kg	U	0.002	0.65		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	75-15-0	Carbon disulfide	0.00064	mg/kg	J	0.81	74		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	56-23-5	Carbon tetrachloride	0.00011	mg/kg	U	0.62	0.62		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	108-90-7	Chlorobenzene	0.000074	mg/kg	U	2.4	27		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	75-00-3	Chloroethane	0.00041	mg/kg	U	518	518		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	67-66-3	Chloroform	0.000066	mg/kg	U	0.31	0.31		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	74-87-3	Chloromethane	0.000078	mg/kg	U	11	11		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	156-59-2	cis-1,2-Dichloroethene	0.00012	mg/kg	U	6	6		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000043	mg/kg	U	0.001	1.7		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	124-48-1	Dibromochloromethane	0.00022	mg/kg	U	3.7	3.7		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	74-95-3	Dibromomethane	0.00025	mg/kg	U	2.304	2.3		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	75-71-8	Dichlorodifluoromethane	0.001	mg/kg	J	8.4	8.4		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	100-41-4	Ethylbenzene	0.000056	mg/kg	U	0.27	5.6		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	87-68-3	Hexachlorobutadiene	0.00024	mg/kg	U	0.009	1.2		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	98-82-8	Isopropylbenzene	0.000043	mg/kg	U	0.04	182		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	179601-23-1	m,p-Xylene	0.00013	mg/kg	U	1.4	53		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	78-93-3	MEK (2-Butanone)	0.0046	mg/kg	J	350	2592		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	75-09-2	Methylene chloride	0.0004	mg/kg	J	2.6	34		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00033	mg/kg	U	9.7	3168		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	104-51-8	n-Butylbenzene	0.00012	mg/kg	U	374	374		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	103-65-1	n-Propylbenzene	0.000085	mg/kg	U	365	365		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	95-47-6	o-Xylene	0.000081	mg/kg	U	1.4	61		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	99-87-6	p-Cymene	0.00012	mg/kg	U	0.18	182		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	135-98-8	sec-Butylbenzene	0.000089	mg/kg	U	749	749		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	100-42-5	Styrene	0.00011	mg/kg	U	1.2	576		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	98-06-6	tert-Butylbenzene	0.000074	mg/kg	U	749	749		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	127-18-4	Tetrachloroethene	0.00017	mg/kg	U	0.18	7.8		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	108-88-3	Toluene	0.00035	mg/kg	J	23	470		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	156-60-5	trans-1,2-Dichloroethene	0.000066	mg/kg	U	6.7	6.7		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	10061-02-6	trans-1,3-Dichloropropene	0.00014	mg/kg	U	0.001	1.7		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	79-01-6	Trichloroethene	0.00018	mg/kg	U	0.39	0.39		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	75-69-4	Trichlorofluoromethane	0.000074	mg/kg	U	52	2208		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	108-05-4	Vinyl acetate	0.00082	mg/kg	U	87	87		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8260B	75-01-4	Vinyl chloride	0.000078	mg/kg	U	0.057	0.057		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	95-95-4	2,4,5-Trichlorophenol	0.003	mg/kg	U	4	605		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	88-06-2	2,4,6-Trichlorophenol	0.0018	mg/kg	U	6	6		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	120-83-2	2,4-Dichlorophenol	0.0018	mg/kg	U	0.05	18		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	105-67-9	2,4-Dimethylphenol	0.0055	mg/kg	U	0.04	125		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	51-28-5	2,4-Dinitrophenol	0.036	mg/kg	U	0.061	12		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	121-14-2	2,4-Dinitrotoluene	0.0028	mg/kg	U	1.6	1.6		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	606-20-2	2,6-Dinitrotoluene	0.0028	mg/kg	U	0.3456	0.35		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	91-58-7	2-Chloronaphthalene	0.0036	mg/kg	U	461	461		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	95-57-8	2-Chlorophenol	0.0017	mg/kg	U	0.39	37		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	91-57-6	2-Methylnaphthalene	0.006	mg/kg	J	23	23		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	95-48-7	2-Methylphenol	0.0034	mg/kg	U	0.67	307		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	88-74-4	2-Nitroaniline	0.0027	mg/kg	U	5.3	60		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	88-75-5	2-Nitrophenol	0.0026	mg/kg	U	5.1	1824		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	91-94-1	3,3'-Dichlorobenzidine	0.0037	mg/kg	U	0.03	1.2		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	99-09-2	3-Nitroaniline	0.0026	mg/kg	U	0.02	60		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.0017	mg/kg	U	0.49	0.49		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	101-55-3	4-Bromophenyl phenyl ether	0.0014	mg/kg	U				
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	59-50-7	4-Chloro-3-methylphenol	0.0021	mg/kg	U	605	605		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	106-47-8	4-Chloroaniline	0.0021	mg/kg	U	1	2.6		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.002	mg/kg	U				
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	106-44-5	4-Methylphenol	0.0029	mg/kg	U	0.08	125		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	100-01-6	4-Nitroaniline	0.0034	mg/kg	U	0.02	24		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	100-02-7	4-Nitrophenol	0.03	mg/kg	U	5.1	1824		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	83-32-9	Acenaphthene	0.016	mg/kg		29	346		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	208-96-8	Acenaphthylene	0.0029	mg/kg	J	1.9	1.9		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	62-53-3	Aniline	0.0015	mg/kg	U	42	42		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	120-12-7	Anthracene	0.046	mg/kg		29	1728		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	56-55-3	Benzo(a)anthracene	0.25	mg/kg		1.1	1.1		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	50-32-8	Benzo(a)pyrene	0.25	mg/kg		0.11	0.11		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	205-99-2	Benzo(b)fluoranthene	0.35	mg/kg		1.1	1.1		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	191-24-2	Benzo(g,h,i)perylene	0.15	mg/kg		1.1	173		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	207-08-9	Benzo(k)fluoranthene	0.12	mg/kg		1.1	11		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	65-85-0	Benzoic acid	0.13	mg/kg	J	1	24000		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	100-51-6	Benzyl alcohol	0.0037	mg/kg	U	120	605		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.0013	mg/kg	U	18	18		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	111-44-4	Bis (2-chloroethyl) ether	0.0024	mg/kg	U	0.22	0.22		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	0.85	mg/kg		0.02	37		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.0012	mg/kg	U	298	298		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	85-68-7	Butyl benzylphthalate	0.0015	mg/kg	U	90	278		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	86-74-8	Carbazole	0.03	mg/kg		7.5	7.5		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	218-01-9	Chrysene	0.28	mg/kg		1.1	106		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	53-70-3	Dibenzo(a,h)anthracene	0.046	mg/kg		0.1056	0.11		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	132-64-9	Dibenzofuran	0.006	mg/kg	J	6.1	7.5		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	84-66-2	Diethyl phthalate	0.0035	mg/kg	U	100	4896		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	131-11-3	Dimethyl phthalate	0.0018	mg/kg	U	10	37		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	84-74-2	Di-n-butylphthalate	0.1	mg/kg		0.011	605		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	117-84-0	Di-n-octylphthalate	0.0012	mg/kg	U	0.91	60		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	206-44-0	Fluoranthene	0.5	mg/kg		1.1	230		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	86-73-7	Fluorene	0.013	mg/kg		29	230		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	118-74-1	Hexachlorobenzene	0.0021	mg/kg	U	0.075	0.075		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	77-47-4	Hexachlorocyclopentadiene	0.015	mg/kg	U	0.001	0.17		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	67-72-1	Hexachloroethane	0.0022	mg/kg	U	0.024	1.7		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.17	mg/kg		1.1	1.1		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	78-59-1	Isophorone	0.0016	mg/kg	U	547	547		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	91-20-3	Naphthalene	0.0089	mg/kg	J	1.9	1.9		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	98-95-3	Nitrobenzene	0.002	mg/kg	U	2.2	4.9		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	62-75-9	N-Nitrosodimethylamine	0.0061	mg/kg	U	0.0019	0.0019		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.0032	mg/kg	U	0.075	0.075		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	86-30-6	N-Nitrosodiphenylamine	0.0022	mg/kg	U	0.55	106		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	87-86-5	Pentachlorophenol	0.032	mg/kg	J	0.96	1		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	85-01-8	Phenanthrene	0.22	mg/kg		29	1728		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	108-95-2	Phenol	0.0019	mg/kg	U	0.79	1824		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	8270C	129-00-0	Pyrene	0.45	mg/kg		1.1	173		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.37448	mg/kg					
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	2.782	mg/kg		1.1			
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.364	mg/kg		29			
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	Krone	1002-53-5	Dibutyltin	0.00029	mg/kg	U	1.8	1.8		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	Krone	78763-54-9	Monobutyltin	0.00094	mg/kg	J	2.2	2.2		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	Krone	688-73-3	Tributyltin	0.00036	mg/kg	U	2.2	2.2		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	NWTPH-Dx	TPH-D	Diesel Range Organics	39	mg/kg		260	1100		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	NWTPH-Dx	MOIL	Residual Range Organics	200	mg/kg		260	2800		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	NWTPH-Gx	TPH-G	Gasoline Range Organics	1.5	mg/kg	U	120	1200		
LD-11	723576.648	7834326.687	3/19/2009	0 - 0.17	SO	N	090319-LD-11-So	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.69	mg/kg		0.0073	0.23		
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8081 Pest	72-54-8	4,4'-DDD	0.096	ug/L	U			3.2	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8081 Pest	72-55-9	4,4'-DDE	0.096	ug/L	U			310	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8081 Pest	50-29-3	4,4'-DDT	0.096	ug/L	U			0.23	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8081 Pest	309-00-2	Aldrin	0.048	ug/L	U			3.5	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8081 Pest	319-84-6	alpha-BHC	0.048	ug/L	U			18	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8081 Pest	5103-71-9	alpha-Chlordane	0.048	ug/L	U			0.45	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8081 Pest	319-85-7	beta-BHC	0.048	ug/L	U			0.025	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8081 Pest	319-86-8	delta-BHC	0.048	ug/L	U			0.0072	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8081 Pest	60-57-1	Dieldrin	0.096	ug/L	U			2.4	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8081 Pest	959-98-8	Endosulfan I	0.048	ug/L	U			98	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8081 Pest	33213-65-9	Endosulfan II	0.096	ug/L	U			98	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.096	ug/L	U			98	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8081 Pest	72-20-8	Endrin	0.096	ug/L	U			170	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8081 Pest	7421-93-4	Endrin aldehyde	0.096	ug/L	U			170	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8081 Pest	53494-70-5	Endrin ketone	0.096	ug/L	U			170	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.048	ug/L	U			100	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8081 Pest	5103-74-2	gamma-Chlordane	0.048	ug/L	U			0.45	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8081 Pest	76-44-8	Heptachlor	0.048	ug/L	U			1.8	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.048	ug/L	U			3.2	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8081 Pest	72-43-5	Methoxychlor	0.48	ug/L	U			37	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8081 Pest	8001-35-2	Toxaphene	0.96	ug/L	U			18	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	1	ug/L	U			36	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	71-55-6	1,1,1-Trichloroethane	1	ug/L	U			53000	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	1	ug/L	U			30	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	79-00-5	1,1,2-Trichloroethane	1	ug/L	U			44	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	75-34-3	1,1-Dichloroethane	1	ug/L	U			55	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	75-35-4	1,1-Dichloroethene	1	ug/L	U			1300	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	563-58-6	1,1-Dichloropropene	1	ug/L	U			40	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	87-61-6	1,2,3-Trichlorobenzene	5	ug/L	U			7	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	96-18-4	1,2,3-Trichloropropane	1	ug/L	U			200	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	120-82-1	1,2,4-Trichlorobenzene	5	ug/L	U			380	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	95-63-6	1,2,4-Trimethylbenzene	1	ug/L	U			2400	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	3	ug/L	U			0.34	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	106-93-4	1,2-Dibromoethane (EDB)	1	ug/L	U			1.5	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	95-50-1	1,2-Dichlorobenzene	2	ug/L	U			25000	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	107-06-2	1,2-Dichloroethane	1	ug/L	U			18	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	78-87-5	1,2-Dichloropropane	1	ug/L	U			52	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	108-67-8	1,3,5-Trimethylbenzene	1	ug/L	U			1700	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	541-73-1	1,3-Dichlorobenzene	2	ug/L	U			25	

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	142-28-9	1,3-Dichloropropane	1	ug/L	U			370	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	106-46-7	1,4-Dichlorobenzene	2	ug/L	U			25	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	594-20-7	2,2-Dichloropropane	1	ug/L	U			52	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	110-75-8	2-Chloroethyl vinyl ether	10	ug/L	U				
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	95-49-8	2-Chlorotoluene	1	ug/L	U			240	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	591-78-6	2-Hexanone	10	ug/L	U			72000	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	106-43-4	4-Chlorotoluene	1	ug/L	U			250	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	67-64-1	Acetone	10	ug/L	U			18000	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	71-43-2	Benzene	1	ug/L	U			12	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	108-86-1	Bromobenzene	1	ug/L	U			6300	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	74-97-5	Bromochloromethane	1	ug/L	U			450	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	75-27-4	Bromodichloromethane	1	ug/L	U			6.9	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	75-25-2	Bromoform	3	ug/L	U			1100	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	75-15-0	Carbon disulfide	10	ug/L	U			8200	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	56-23-5	Carbon tetrachloride	1	ug/L	U			3.1	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	108-90-7	Chlorobenzene	1	ug/L	U			3400	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	75-00-3	Chloroethane	1	ug/L	U			57000	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	67-66-3	Chloroform	1	ug/L	U			5.9	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	74-87-3	Chloromethane	5	ug/L	U			1500	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	156-59-2	cis-1,2-Dichloroethene	1	ug/L	U			1800	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	10061-01-5	cis-1,3-Dichloropropene	3	ug/L	U			40	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	124-48-1	Dibromochloromethane	2	ug/L	U			610	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	74-95-3	Dibromomethane	1	ug/L	U			950	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	75-71-8	Dichlorodifluoromethane	1	ug/L	U			41	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	100-41-4	Ethylbenzene	1	ug/L	U			31	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	87-68-3	Hexachlorobutadiene	3	ug/L	U			3.3	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	98-82-8	Isopropylbenzene	1	ug/L	U			9100	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	78-93-3	MEK (2-Butanone)	10	ug/L	U			17000000	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	75-09-2	Methylene chloride	5	ug/L	U			15000	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	10	ug/L	U			4600000	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	91-20-3	Naphthalene	5	ug/L	U			20	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	104-51-8	n-Butylbenzene	1	ug/L	U			1000	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	103-65-1	n-Propylbenzene	1	ug/L	U			22000	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	95-47-6	o-Xylene	1	ug/L	U			4300	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	99-87-6	p-Cymene	2	ug/L	U			9100	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	135-98-8	sec-Butylbenzene	1	ug/L	U			2000	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	100-42-5	Styrene	1	ug/L	U			84000	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	98-06-6	tert-Butylbenzene	1	ug/L	U			690	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	127-18-4	Tetrachloroethene	1	ug/L	U			130	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	108-88-3	Toluene	1	ug/L	U			150000	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	156-60-5	trans-1,2-Dichloroethene	1	ug/L	U			457	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	10061-02-6	trans-1,3-Dichloropropene	3	ug/L	U			21	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	79-01-6	Trichloroethene	1	ug/L	U			7.4	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	75-69-4	Trichlorofluoromethane	1	ug/L	U			160000	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	108-05-4	Vinyl acetate	10	ug/L	U			80000	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8260	75-01-4	Vinyl chloride	1	ug/L	U			3.3	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	95-95-4	2,4,5-Trichlorophenol	48	ug/L	U			1200	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	88-06-2	2,4,6-Trichlorophenol	9.6	ug/L	U			1700	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	120-83-2	2,4-Dichlorophenol	9.6	ug/L	U			46	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	105-67-9	2,4-Dimethylphenol	9.6	ug/L	U			360	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	51-28-5	2,4-Dinitrophenol	48	ug/L	U			39	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	121-14-2	2,4-Dinitrotoluene	9.6	ug/L	U			0.24	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	606-20-2	2,6-Dinitrotoluene	9.6	ug/L	U			830	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	91-58-7	2-Chloronaphthalene	9.6	ug/L	U			750	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	95-57-8	2-Chlorophenol	9.6	ug/L	U			91	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	91-57-6	2-Methylnaphthalene	9.6	ug/L	U			36	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	95-48-7	2-Methylphenol	9.6	ug/L	U			930	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	88-74-4	2-Nitroaniline	48	ug/L	U			190	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	88-75-5	2-Nitrophenol	9.6	ug/L	U			5800	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	91-94-1	3,3'-Dichlorobenzidine	19	ug/L	U			0.17	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	99-09-2	3-Nitroaniline	48	ug/L	U			190	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	48	ug/L	U			1.5	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	101-55-3	4-Bromophenyl phenyl ether	9.6	ug/L	U				
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	59-50-7	4-Chloro-3-methylphenol	9.6	ug/L	U			1400	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	106-47-8	4-Chloroaniline	9.6	ug/L	U			0.37	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	9.6	ug/L	U				
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	106-44-5	4-Methylphenol	9.6	ug/L	U			370	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	100-01-6	4-Nitroaniline	48	ug/L	U			3.8	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	100-02-7	4-Nitrophenol	48	ug/L	U			5800	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	83-32-9	Acenaphthene	9.6	ug/L	U			510	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	208-96-8	Acenaphthylene	9.6	ug/L	U			20	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	62-53-3	Aniline	9.6	ug/L	U			13	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	120-12-7	Anthracene	9.6	ug/L	U			1800	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	92-87-5	Benzidine	96	ug/L	U			17	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	56-55-3	Benzo(a)anthracene	9.6	ug/L	U			2300	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	50-32-8	Benzo(a)pyrene	9.6	ug/L	U			0.025	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	205-99-2	Benzo(b)fluoranthene	9.6	ug/L	U			0.25	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	191-24-2	Benzo(g,h,i)perylene	9.6	ug/L	U			120	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	207-08-9	Benzo(k)fluoranthene	9.6	ug/L	U			2.5	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	65-85-0	Benzoic acid	48	ug/L	U			75000	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	100-51-6	Benzyl alcohol	9.6	ug/L	U			2000	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	111-91-1	Bis (2-chloroethoxy) methane	9.6	ug/L	U			59	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	111-44-4	Bis (2-chloroethyl) ether	9.6	ug/L	U			140	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	9.6	ug/L	U			5.6	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	9.6	ug/L	U			710	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	85-68-7	Butyl benzylphthalate	9.6	ug/L	U			16	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	86-74-8	Carbazole	9.6	ug/L	U			7.9	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	218-01-9	Chrysene	9.6	ug/L	U			25	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	53-70-3	Dibenzo(a,h)anthracene	9.6	ug/L	U			0.025	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	132-64-9	Dibenzofuran	9.6	ug/L	U			7.9	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	84-66-2	Diethyl phthalate	9.6	ug/L	U			15000	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	131-11-3	Dimethyl phthalate	9.6	ug/L	U			15000	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	84-74-2	Di-n-butylphthalate	9.6	ug/L	U			900	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	117-84-0	Di-n-octylphthalate	9.6	ug/L	U			200	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	206-44-0	Fluoranthene	9.6	ug/L	U			800	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	86-73-7	Fluorene	9.6	ug/L	U			280	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	118-74-1	Hexachlorobenzene	9.6	ug/L	U			1.3	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	77-47-4	Hexachlorocyclopentadiene	9.6	ug/L	U			48	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	67-72-1	Hexachloroethane	9.6	ug/L	U			7	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	9.6	ug/L	U			0.25	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	78-59-1	Isophorone	9.6	ug/L	U			78	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	98-95-3	Nitrobenzene	9.6	ug/L	U			800	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	62-75-9	N-Nitrosodimethylamine	9.6	ug/L	U			25	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	621-64-7	N-Nitrosodi-n-propylamine	9.6	ug/L	U			370	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	86-30-6	N-Nitrosodiphenylamine	9.6	ug/L	U			12	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	87-86-5	Pentachlorophenol	9.6	ug/L	U			53	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	85-01-8	Phenanthrene	9.6	ug/L	U			1800	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	108-95-2	Phenol	9.6	ug/L	U			5800	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	8270	129-00-0	Pyrene	9.6	ug/L	U			110	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	NWTPH-Dx	TPH-D	Diesel Range Organics	240	ug/L	U			100	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	NWTPH-Dx	MOIL	Residual Range Organics	710	ug/L	U			300	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	100	ug/L	U			14000	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	PCBS	12674-11-2	Aroclor-1016	0.96	ug/L	U			75	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	PCBS	11104-28-2	Aroclor-1221	0.96	ug/L	U			2.3	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	PCBS	11141-16-5	Aroclor-1232	0.96	ug/L	U			0.71	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	PCBS	53469-21-9	Aroclor-1242	0.96	ug/L	U			5.8	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	PCBS	12672-29-6	Aroclor-1248	0.96	ug/L	U			1.2	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	PCBS	11097-69-1	Aroclor-1254	0.96	ug/L	U			7.2	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	PCBS	11096-82-5	Aroclor-1260	0.96	ug/L	U			1.6	
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	96	ug/L	U				
MW-01	723608.741	7834739.541	7/13/1999	19.84 - 29.84	WG	N	990713BIL08GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	57.6	ug/L	U				
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8081 Pest	72-54-8	4,4'-DDD	0.096	ug/L	U			3.2	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8081 Pest	72-55-9	4,4'-DDE	0.096	ug/L	U			310	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8081 Pest	50-29-3	4,4'-DDT	0.096	ug/L	U			0.23	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8081 Pest	309-00-2	Aldrin	0.048	ug/L	U			3.5	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8081 Pest	319-84-6	alpha-BHC	0.048	ug/L	U			18	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8081 Pest	5103-71-9	alpha-Chlordane	0.048	ug/L	U			0.45	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8081 Pest	319-85-7	beta-BHC	0.048	ug/L	U			0.025	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8081 Pest	319-86-8	delta-BHC	0.048	ug/L	U			0.0072	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8081 Pest	60-57-1	Dieldrin	0.096	ug/L	U			2.4	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8081 Pest	959-98-8	Endosulfan I	0.048	ug/L	U			98	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8081 Pest	33213-65-9	Endosulfan II	0.096	ug/L	U			98	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.096	ug/L	U			98	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8081 Pest	72-20-8	Endrin	0.096	ug/L	U			170	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8081 Pest	7421-93-4	Endrin aldehyde	0.096	ug/L	U			170	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8081 Pest	53494-70-5	Endrin ketone	0.096	ug/L	U			170	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.048	ug/L	U			100	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8081 Pest	5103-74-2	gamma-Chlordane	0.048	ug/L	U			0.45	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8081 Pest	76-44-8	Heptachlor	0.048	ug/L	U			1.8	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.048	ug/L	U			3.2	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8081 Pest	72-43-5	Methoxychlor	0.48	ug/L	U			37	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8081 Pest	8001-35-2	Toxaphene	0.96	ug/L	U			18	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8151	93-76-5	2,4,5-T	0.1	ug/L	U			160	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8151	93-72-1	2,4,5-TP (Silvex)	0.1	ug/L	U			110	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8151	94-75-7	2,4-D	0.25	ug/L	U			77000	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8151	94-82-6	2,4-DB	0.5	ug/L	U				
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8151	120-36-5	2,4-DP (Dichloroprop)	0.25	ug/L	U				
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8151	75-99-0	Dalapon	0.5	ug/L	U			600	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8151	1918-00-9	Dicamba	0.1	ug/L	U			570	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8151	88-85-7	Dinoseb	0.5	ug/L	U			15	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8151	94-74-6	MCPA	10	ug/L	U			1700	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8151	93-65-2	MCPP	50	ug/L	U			16	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	120-82-1	1,2,4-Trichlorobenzene	9.4	ug/L	U			380	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	95-50-1	1,2-Dichlorobenzene	9.4	ug/L	U			25000	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	541-73-1	1,3-Dichlorobenzene	9.4	ug/L	U			25	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	106-46-7	1,4-Dichlorobenzene	9.4	ug/L	U			25	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	95-95-4	2,4,5-Trichlorophenol	47	ug/L	U			1200	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	88-06-2	2,4,6-Trichlorophenol	9.4	ug/L	U			1700	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	120-83-2	2,4-Dichlorophenol	9.4	ug/L	U			46	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	105-67-9	2,4-Dimethylphenol	9.4	ug/L	U			360	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	51-28-5	2,4-Dinitrophenol	47	ug/L	U			39	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	121-14-2	2,4-Dinitrotoluene	9.4	ug/L	U			0.24	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	606-20-2	2,6-Dinitrotoluene	9.4	ug/L	U			830	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	91-58-7	2-Chloronaphthalene	9.4	ug/L	U			750	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	95-57-8	2-Chlorophenol	9.4	ug/L	U			91	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	91-57-6	2-Methylnaphthalene	9.4	ug/L	U			36	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	95-48-7	2-Methylphenol	9.4	ug/L	U			930	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	88-74-4	2-Nitroaniline	47	ug/L	U			190	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	88-75-5	2-Nitrophenol	9.4	ug/L	U			5800	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	91-94-1	3,3'-Dichlorobenzidine	19	ug/L	U			0.17	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	99-09-2	3-Nitroaniline	47	ug/L	U			190	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	47	ug/L	U			1.5	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	101-55-3	4-Bromophenyl phenyl ether	9.4	ug/L	U				
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	59-50-7	4-Chloro-3-methylphenol	9.4	ug/L	U			1400	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	106-47-8	4-Chloroaniline	9.4	ug/L	U			0.37	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	9.4	ug/L	U				
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	106-44-5	4-Methylphenol	9.4	ug/L	U			370	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	100-01-6	4-Nitroaniline	47	ug/L	U			3.8	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	100-02-7	4-Nitrophenol	47	ug/L	U			5800	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	83-32-9	Acenaphthene	9.4	ug/L	U			510	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	208-96-8	Acenaphthylene	9.4	ug/L	U			20	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	62-53-3	Aniline	9.4	ug/L	U			13	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	120-12-7	Anthracene	9.4	ug/L	U			1800	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	92-87-5	Benzidine	94	ug/L	U			17	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	56-55-3	Benzo(a)anthracene	9.4	ug/L	U			2300	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	50-32-8	Benzo(a)pyrene	9.4	ug/L	U			0.025	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	205-99-2	Benzo(b)fluoranthene	9.4	ug/L	U			0.25	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	191-24-2	Benzo(g,h,i)perylene	9.4	ug/L	U			120	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	207-08-9	Benzo(k)fluoranthene	9.4	ug/L	U			2.5	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	65-85-0	Benzoic acid	47	ug/L	U			75000	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	100-51-6	Benzyl alcohol	9.4	ug/L	U			2000	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	111-91-1	Bis (2-chloroethoxy) methane	9.4	ug/L	U			59	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	111-44-4	Bis (2-chloroethyl) ether	9.4	ug/L	U			140	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	48	ug/L	U			5.6	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	9.4	ug/L	U			710	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	85-68-7	Butyl benzylphthalate	9.4	ug/L	U			16	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	86-74-8	Carbazole	9.4	ug/L	U			7.9	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	218-01-9	Chrysene	9.4	ug/L	U			25	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	53-70-3	Dibenzo(a,h)anthracene	9.4	ug/L	U			0.025	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	132-64-9	Dibenzofuran	9.4	ug/L	U			7.9	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	84-66-2	Diethyl phthalate	9.4	ug/L	U			15000	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	131-11-3	Dimethyl phthalate	9.4	ug/L	U			15000	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	84-74-2	Di-n-butylphthalate	9.4	ug/L	U			900	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	117-84-0	Di-n-octylphthalate	9.4	ug/L	U			200	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	206-44-0	Fluoranthene	9.4	ug/L	U			800	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	86-73-7	Fluorene	9.4	ug/L	U			280	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	118-74-1	Hexachlorobenzene	9.4	ug/L	U			1.3	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	87-68-3	Hexachlorobutadiene	9.4	ug/L	U			3.3	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	77-47-4	Hexachlorocyclopentadiene	9.4	ug/L	U			48	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	67-72-1	Hexachloroethane	9.4	ug/L	U			7	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	9.4	ug/L	U			0.25	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	78-59-1	Isophorone	9.4	ug/L	U			78	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	91-20-3	Naphthalene	9.4	ug/L	U			20	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	98-95-3	Nitrobenzene	9.4	ug/L	U			800	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	62-75-9	N-Nitrosodimethylamine	9.4	ug/L	U			25	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	621-64-7	N-Nitrosodi-n-propylamine	9.4	ug/L	U			370	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	86-30-6	N-Nitrosodiphenylamine	9.4	ug/L	U			12	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	87-86-5	Pentachlorophenol	9.4	ug/L	U			53	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	85-01-8	Phenanthrene	9.4	ug/L	U			1800	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	108-95-2	Phenol	9.4	ug/L	U			5800	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	8270	129-00-0	Pyrene	9.4	ug/L	U			110	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	METALS	7440-36-0	Antimony	50	ug/L	U			7.8	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	METALS	7440-38-2	Arsenic	15.4	ug/L				6300	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	METALS	7440-39-3	Barium	33.5	ug/L				4000	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	METALS	7440-41-7	Beryllium	5	ug/L	U			270000	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	METALS	7440-43-9	Cadmium	5	ug/L	U			130000	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	METALS	7440-47-3	Chromium	10	ug/L	U			30000	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	METALS	7440-50-8	Copper	10	ug/L	U			5400000	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	METALS	7439-89-6	Iron	73.7	ug/L				14000	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	METALS	7439-92-1	Lead	3	ug/L	U			15	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	METALS	7439-96-5	Manganese	25.5	ug/L				3200000	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	METALS	7439-97-6	Mercury	0.2	ug/L	U			11	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	METALS	7440-02-0	Nickel	10	ug/L	U			400	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	METALS	7782-49-2	Selenium	32.9	ug/L				100	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	METALS	7440-22-4	Silver	10	ug/L	U			1100000	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	METALS	7440-28-0	Thallium	5	ug/L	U			0.2	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	METALS	7440-66-6	Zinc	16.8	ug/L				6000	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	NWTPH-Dx	TPH-D	Diesel Range Organics	340	ug/L				100	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	NWTPH-Dx	MOIL	Residual Range Organics	840	ug/L				300	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	100	ug/L	U			14000	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	PCBS	12674-11-2	Aroclor-1016	0.96	ug/L	U			75	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	PCBS	11104-28-2	Aroclor-1221	0.96	ug/L	U			2.3	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	PCBS	11141-16-5	Aroclor-1232	0.96	ug/L	U			0.71	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	PCBS	53469-21-9	Aroclor-1242	0.96	ug/L	U			5.8	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	PCBS	12672-29-6	Aroclor-1248	0.96	ug/L	U			1.2	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	PCBS	11097-69-1	Aroclor-1254	0.96	ug/L	U			7.2	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	PCBS	11096-82-5	Aroclor-1260	0.96	ug/L	U			1.6	
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	94	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-01	723608.741	7834739.541	11/8/1999	19.84 - 29.84	WG	N	991108BIL14GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	65.8	ug/L	U				
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8081 Pest	72-54-8	4,4'-DDD	0.1	ug/L	U			3.2	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8081 Pest	72-55-9	4,4'-DDE	0.1	ug/L	U			310	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8081 Pest	50-29-3	4,4'-DDT	0.1	ug/L	U			0.23	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8081 Pest	309-00-2	Aldrin	0.05	ug/L	U			3.5	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8081 Pest	319-84-6	alpha-BHC	0.05	ug/L	U			18	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8081 Pest	5103-71-9	alpha-Chlordane	0.05	ug/L	U			0.45	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8081 Pest	319-85-7	beta-BHC	0.05	ug/L	U			0.025	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8081 Pest	319-86-8	delta-BHC	0.05	ug/L	U			0.0072	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8081 Pest	60-57-1	Dieldrin	0.1	ug/L	U			2.4	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8081 Pest	959-98-8	Endosulfan I	0.05	ug/L	U			98	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8081 Pest	33213-65-9	Endosulfan II	0.1	ug/L	U			98	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.1	ug/L	U			98	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8081 Pest	72-20-8	Endrin	0.1	ug/L	U			170	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8081 Pest	7421-93-4	Endrin aldehyde	0.1	ug/L	U			170	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8081 Pest	53494-70-5	Endrin ketone	0.1	ug/L	U			170	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.05	ug/L	U			100	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8081 Pest	5103-74-2	gamma-Chlordane	0.05	ug/L	U			0.45	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8081 Pest	76-44-8	Heptachlor	0.05	ug/L	U			1.8	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.05	ug/L	U			3.2	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8081 Pest	72-43-5	Methoxychlor	0.5	ug/L	U			37	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8081 Pest	8001-35-2	Toxaphene	1	ug/L	U			18	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8151	93-76-5	2,4,5-T	0.15	ug/L	U			160	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8151	93-72-1	2,4,5-TP (Silvex)	0.1	ug/L	U			110	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8151	94-75-7	2,4-D	1	ug/L	U			77000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8151	94-82-6	2,4-DB	0.5	ug/L	U				
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8151	120-36-5	2,4-DP (Dichloroprop)	0.25	ug/L	U				
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8151	75-99-0	Dalapon	2	ug/L	U			600	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8151	1918-00-9	Dicamba	0.1	ug/L	U			570	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8151	88-85-7	Dinoseb	0.5	ug/L	U			15	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8151	94-74-6	MCPA	50	ug/L	U			1700	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8151	93-65-2	MCPP	50	ug/L	U			16	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	1	ug/L	U			36	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	71-55-6	1,1,1-Trichloroethane	1	ug/L	U			53000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	1	ug/L	U			30	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	79-00-5	1,1,2-Trichloroethane	1	ug/L	U			44	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	75-34-3	1,1-Dichloroethane	1	ug/L	U			55	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	75-35-4	1,1-Dichloroethene	1	ug/L	U			1300	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	563-58-6	1,1-Dichloropropene	1	ug/L	U			40	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	87-61-6	1,2,3-Trichlorobenzene	5	ug/L	U			7	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	96-18-4	1,2,3-Trichloropropane	1	ug/L	U			200	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	120-82-1	1,2,4-Trichlorobenzene	5	ug/L	U			380	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	95-63-6	1,2,4-Trimethylbenzene	1	ug/L	U			2400	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	3	ug/L	U			0.34	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	106-93-4	1,2-Dibromoethane (EDB)	1	ug/L	U			1.5	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	95-50-1	1,2-Dichlorobenzene	2	ug/L	U			25000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	107-06-2	1,2-Dichloroethane	1	ug/L	U			18	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	78-87-5	1,2-Dichloropropane	1	ug/L	U			52	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	108-67-8	1,3,5-Trimethylbenzene	1	ug/L	U			1700	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	541-73-1	1,3-Dichlorobenzene	2	ug/L	U			25	

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	142-28-9	1,3-Dichloropropane	1	ug/L	U			370	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	106-46-7	1,4-Dichlorobenzene	2	ug/L	U			25	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	594-20-7	2,2-Dichloropropane	1	ug/L	U			52	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	110-75-8	2-Chloroethyl vinyl ether	10	ug/L	U				
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	95-49-8	2-Chlorotoluene	1	ug/L	U			240	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	591-78-6	2-Hexanone	10	ug/L	U			72000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	106-43-4	4-Chlorotoluene	1	ug/L	U			250	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	67-64-1	Acetone	10	ug/L	U			18000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	71-43-2	Benzene	1	ug/L	U			12	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	108-86-1	Bromobenzene	1	ug/L	U			6300	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	74-97-5	Bromochloromethane	1	ug/L	U			450	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	75-27-4	Bromodichloromethane	1	ug/L	U			6.9	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	75-25-2	Bromoform	3	ug/L	U			1100	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	75-15-0	Carbon disulfide	10	ug/L	U			8200	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	56-23-5	Carbon tetrachloride	1	ug/L	U			3.1	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	108-90-7	Chlorobenzene	1	ug/L	U			3400	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	75-00-3	Chloroethane	1	ug/L	U			57000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	67-66-3	Chloroform	1	ug/L	U			5.9	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	74-87-3	Chloromethane	5	ug/L	U			1500	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	156-59-2	cis-1,2-Dichloroethene	1	ug/L	U			1800	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	10061-01-5	cis-1,3-Dichloropropene	3	ug/L	U			40	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	124-48-1	Dibromochloromethane	2	ug/L	U			610	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	74-95-3	Dibromomethane	1	ug/L	U			950	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	75-71-8	Dichlorodifluoromethane	1	ug/L	U			41	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	100-41-4	Ethylbenzene	1	ug/L	U			31	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	87-68-3	Hexachlorobutadiene	3	ug/L	U			3.3	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	98-82-8	Isopropylbenzene	1	ug/L	U			9100	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	78-93-3	MEK (2-Butanone)	10	ug/L	U			17000000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	75-09-2	Methylene chloride	5	ug/L	U			15000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	10	ug/L	U			4600000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	91-20-3	Naphthalene	5	ug/L	U			20	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	104-51-8	n-Butylbenzene	1	ug/L	U			1000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	103-65-1	n-Propylbenzene	1	ug/L	U			22000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	95-47-6	o-Xylene	1	ug/L	U			4300	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	99-87-6	p-Cymene	2	ug/L	U			9100	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	135-98-8	sec-Butylbenzene	1	ug/L	U			2000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	100-42-5	Styrene	1	ug/L	U			84000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	98-06-6	tert-Butylbenzene	1	ug/L	U			690	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	127-18-4	Tetrachloroethene	1	ug/L	U			130	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	108-88-3	Toluene	1	ug/L	U			150000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	156-60-5	trans-1,2-Dichloroethene	1	ug/L	U			457	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	10061-02-6	trans-1,3-Dichloropropene	3	ug/L	U			21	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	79-01-6	Trichloroethene	1	ug/L	U			7.4	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	75-69-4	Trichlorofluoromethane	1	ug/L	U			160000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	108-05-4	Vinyl acetate	10	ug/L	U			80000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8260	75-01-4	Vinyl chloride	1	ug/L	U			3.3	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	95-95-4	2,4,5-Trichlorophenol	25	ug/L	U			1200	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	88-06-2	2,4,6-Trichlorophenol	10	ug/L	U			1700	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	120-83-2	2,4-Dichlorophenol	10	ug/L	U			46	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	105-67-9	2,4-Dimethylphenol	10	ug/L	U			360	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	51-28-5	2,4-Dinitrophenol	25	ug/L	U			39	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	121-14-2	2,4-Dinitrotoluene	10	ug/L	U			0.24	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	606-20-2	2,6-Dinitrotoluene	10	ug/L	U			830	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	91-58-7	2-Chloronaphthalene	10	ug/L	U			750	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	95-57-8	2-Chlorophenol	10	ug/L	U			91	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	91-57-6	2-Methylnaphthalene	10	ug/L	U			36	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	95-48-7	2-Methylphenol	10	ug/L	U			930	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	88-74-4	2-Nitroaniline	25	ug/L	U			190	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	88-75-5	2-Nitrophenol	10	ug/L	U			5800	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	91-94-1	3,3'-Dichlorobenzidine	10	ug/L	U			0.17	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	99-09-2	3-Nitroaniline	25	ug/L	U			190	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	25	ug/L	U			1.5	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	101-55-3	4-Bromophenyl phenyl ether	10	ug/L	U				
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	59-50-7	4-Chloro-3-methylphenol	10	ug/L	U			1400	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	106-47-8	4-Chloroaniline	10	ug/L	U			0.37	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	10	ug/L	U				
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	106-44-5	4-Methylphenol	10	ug/L	U			370	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	100-01-6	4-Nitroaniline	25	ug/L	U			3.8	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	100-02-7	4-Nitrophenol	10	ug/L	U			5800	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	83-32-9	Acenaphthene	10	ug/L	U			510	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	208-96-8	Acenaphthylene	10	ug/L	U			20	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	62-53-3	Aniline	10	ug/L	U			13	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	120-12-7	Anthracene	10	ug/L	U			1800	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	92-87-5	Benzidine	10	ug/L	U			17	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	56-55-3	Benzo(a)anthracene	10	ug/L	U			2300	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	50-32-8	Benzo(a)pyrene	10	ug/L	U			0.025	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	205-99-2	Benzo(b)fluoranthene	10	ug/L	U			0.25	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	191-24-2	Benzo(g,h,i)perylene	10	ug/L	U			120	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	207-08-9	Benzo(k)fluoranthene	10	ug/L	U			2.5	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	65-85-0	Benzoic acid	10	ug/L	U			75000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	100-51-6	Benzyl alcohol	10	ug/L	U			2000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	111-91-1	Bis (2-chloroethoxy) methane	10	ug/L	U			59	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	111-44-4	Bis (2-chloroethyl) ether	10	ug/L	U			140	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	10	ug/L				5.6	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	10	ug/L	U			710	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	85-68-7	Butyl benzylphthalate	10	ug/L	U			16	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	86-74-8	Carbazole	10	ug/L	U			7.9	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	218-01-9	Chrysene	10	ug/L	U			25	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	53-70-3	Dibenzo(a,h)anthracene	10	ug/L	U			0.025	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	132-64-9	Dibenzofuran	10	ug/L	U			7.9	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	84-66-2	Diethyl phthalate	10	ug/L	U			15000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	131-11-3	Dimethyl phthalate	10	ug/L	U			15000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	84-74-2	Di-n-butylphthalate	10	ug/L	U			900	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	117-84-0	Di-n-octylphthalate	10	ug/L	U			200	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	206-44-0	Fluoranthene	10	ug/L	U			800	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	86-73-7	Fluorene	10	ug/L	U			280	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	118-74-1	Hexachlorobenzene	10	ug/L	U			1.3	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	77-47-4	Hexachlorocyclopentadiene	10	ug/L	U			48	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	67-72-1	Hexachloroethane	10	ug/L	U			7	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	10	ug/L	U			0.25	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	78-59-1	Isophorone	10	ug/L	U			78	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	98-95-3	Nitrobenzene	10	ug/L	U			800	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	62-75-9	N-Nitrosodimethylamine	10	ug/L	U			25	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	621-64-7	N-Nitrosodi-n-propylamine	10	ug/L	U			370	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	86-30-6	N-Nitrosodiphenylamine	10	ug/L	U			12	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	87-86-5	Pentachlorophenol	25	ug/L	U			53	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	85-01-8	Phenanthrene	10	ug/L	U			1800	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	108-95-2	Phenol	10	ug/L	U			5800	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	8270	129-00-0	Pyrene	10	ug/L	U			110	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	METALS	7440-36-0	Antimony	50	ug/L	U			7.8	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	METALS	7440-38-2	Arsenic	16.2	ug/L				6300	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	METALS	7440-39-3	Barium	33.1	ug/L				4000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	METALS	7440-41-7	Beryllium	5	ug/L	U			270000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	METALS	7440-43-9	Cadmium	5	ug/L	U			130000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	METALS	7440-47-3	Chromium	10	ug/L	U			30000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	METALS	7440-50-8	Copper	10	ug/L	U			5400000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	METALS	7439-89-6	Iron	66	ug/L				14000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	METALS	7439-92-1	Lead	3	ug/L	U			15	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	METALS	7439-96-5	Manganese	14	ug/L				3200000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	METALS	7439-97-6	Mercury	0.33	ug/L				11	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	METALS	7440-02-0	Nickel	10	ug/L	U			400	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	METALS	7782-49-2	Selenium	28.6	ug/L				100	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	METALS	7440-22-4	Silver	10	ug/L	U			1100000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	METALS	7440-28-0	Thallium	5	ug/L	U			0.2	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	METALS	7440-66-6	Zinc	19.5	ug/L				6000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	NWTPH-Dx	TPH-D	Diesel Range Organics	280	ug/L				100	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	NWTPH-Dx	MOIL	Residual Range Organics	750	ug/L	U			300	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	100	ug/L	U			14000	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	PCBS	12674-11-2	Aroclor-1016	1	ug/L	U			75	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	PCBS	11104-28-2	Aroclor-1221	1	ug/L	U			2.3	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	PCBS	11141-16-5	Aroclor-1232	1	ug/L	U			0.71	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	PCBS	53469-21-9	Aroclor-1242	1	ug/L	U			5.8	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	PCBS	12672-29-6	Aroclor-1248	1	ug/L	U			1.2	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	PCBS	11097-69-1	Aroclor-1254	1	ug/L	U			7.2	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	PCBS	11096-82-5	Aroclor-1260	1	ug/L	U			1.6	
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	100	ug/L	U				
MW-01	723608.741	7834739.541	1/10/2000	19.84 - 29.84	WG	N	000110BIL20GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	60	ug/L	U				
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8081 Pest	72-54-8	4,4'-DDD	0.000513	ug/L	UJ			3.2	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8081 Pest	72-55-9	4,4'-DDE	0.000425	ug/L	UJ			310	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8081 Pest	50-29-3	4,4'-DDT	0.000544	ug/L	UJ			0.23	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8081 Pest	309-00-2	Aldrin	0.000125	ug/L	UJ			3.5	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8081 Pest	319-84-6	alpha-BHC	0.000401	ug/L	UJ			18	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8081 Pest	319-85-7	beta-BHC	0.000465	ug/L	UJ			0.025	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8081 Pest	319-86-8	delta-BHC	0.000256	ug/L	UJ			0.0072	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8081 Pest	60-57-1	Dieldrin	0.000329	ug/L	UJ			2.4	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8081 Pest	959-98-8	Endosulfan I	0.000543	ug/L	UJ			98	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8081 Pest	33213-65-9	Endosulfan II	0.000412	ug/L	UJ			98	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.000585	ug/L	UJ			98	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8081 Pest	72-20-8	Endrin	0.000337	ug/L	UJ			170	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8081 Pest	7421-93-4	Endrin aldehyde	0.00106	ug/L	UJ			170	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8081 Pest	53494-70-5	Endrin ketone	0.000376	ug/L	UJ			170	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.000784	ug/L	UJ			100	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8081 Pest	76-44-8	Heptachlor	0.000821	ug/L	UJ			1.8	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.000407	ug/L	UJ			3.2	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8081 Pest	72-43-5	Methoxychlor	0.000585	ug/L	UJ			37	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8081 Pest	12789-03-6	technical-Chlordane	0.00349	ug/L	UJ			670	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8081 Pest	8001-35-2	Toxaphene	0.0127	ug/L	UJ			18	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8082	12674-11-2	Aroclor-1016	0.00222	ug/L	U			75	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8082	11104-28-2	Aroclor-1221	0.00552	ug/L	U			2.3	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8082	11141-16-5	Aroclor-1232	0.00263	ug/L	U			0.71	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8082	53469-21-9	Aroclor-1242	0.00364	ug/L	U			5.8	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8082	12672-29-6	Aroclor-1248	0.00172	ug/L	U			1.2	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8082	11097-69-1	Aroclor-1254	0.00222	ug/L	U			7.2	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8082	11096-82-5	Aroclor-1260	0.00121	ug/L	U			1.6	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8151	93-76-5	2,4,5-T	0.0566	ug/L	U			160	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8151	93-72-1	2,4,5-TP (Silvex)	0.0227	ug/L	U			110	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8151	94-75-7	2,4-D	0.0296	ug/L	U			77000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8151	94-82-6	2,4-DB	0.0557	ug/L	U				
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8151	120-36-5	2,4-DP (Dichloroprop)	0.0114	ug/L	U				
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8151	100-02-7	4-Nitrophenol	0.0114	ug/L	U			5800	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8151	75-99-0	Dalapon	0.0124	ug/L	U			600	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8151	1918-00-9	Dicamba	0.0221	ug/L	U			570	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8151	88-85-7	Dinoseb	0.0292	ug/L	U			15	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8151	94-74-6	MCPA	0.0114	ug/L	U			1700	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8151	93-65-2	MCPP	0.0134	ug/L	U			16	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.5	ug/L	U			36	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	71-55-6	1,1,1-Trichloroethane	0.5	ug/L	U			53000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.5	ug/L	U			30	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	79-00-5	1,1,2-Trichloroethane	0.5	ug/L	U			44	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	75-34-3	1,1-Dichloroethane	0.5	ug/L	U			55	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	75-35-4	1,1-Dichloroethene	0.5	ug/L	U			1300	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	563-58-6	1,1-Dichloropropene	0.5	ug/L	U			40	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	87-61-6	1,2,3-Trichlorobenzene	0.5	ug/L	U			7	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	96-18-4	1,2,3-Trichloropropane	0.5	ug/L	U			200	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	95-63-6	1,2,4-Trimethylbenzene	0.5	ug/L	U			2400	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	106-93-4	1,2-Dibromoethane (EDB)	0.5	ug/L	U			1.5	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	107-06-2	1,2-Dichloroethane	0.5	ug/L	U			18	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	78-87-5	1,2-Dichloropropane	0.5	ug/L	U			52	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	108-67-8	1,3,5-Trimethylbenzene	0.5	ug/L	U			1700	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	142-28-9	1,3-Dichloropropane	0.5	ug/L	U			370	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	594-20-7	2,2-Dichloropropane	0.5	ug/L	U			52	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	95-49-8	2-Chlorotoluene	0.5	ug/L	U			240	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	591-78-6	2-Hexanone	2.5	ug/L	U			72000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	106-43-4	4-Chlorotoluene	0.5	ug/L	U			250	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	67-64-1	Acetone	2.5	ug/L	U			18000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	71-43-2	Benzene	0.5	ug/L	U			12	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	108-86-1	Bromobenzene	0.5	ug/L	U			6300	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	74-97-5	Bromochloromethane	0.5	ug/L	U			450	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	75-27-4	Bromodichloromethane	0.5	ug/L	U			6.9	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	75-25-2	Bromoform	0.5	ug/L	U			1100	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	56-23-5	Carbon tetrachloride	0.5	ug/L	U			3.1	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	108-90-7	Chlorobenzene	0.5	ug/L	U			3400	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	75-00-3	Chloroethane	0.5	ug/L	U			57000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	67-66-3	Chloroform	0.5	ug/L	U			5.9	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	74-87-3	Chloromethane	0.5	ug/L	U			1500	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	156-59-2	cis-1,2-Dichloroethene	0.5	ug/L	U			1800	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	10061-01-5	cis-1,3-Dichloropropene	0.5	ug/L	U			40	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	124-48-1	Dibromochloromethane	0.5	ug/L	U			610	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	74-95-3	Dibromomethane	0.5	ug/L	U			950	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	75-71-8	Dichlorodifluoromethane	0.5	ug/L	U			41	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	100-41-4	Ethylbenzene	0.5	ug/L	U			31	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	98-82-8	Isopropylbenzene	0.5	ug/L	U			9100	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	75-09-2	Methylene chloride	0.5	ug/L	U			15000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	2.5	ug/L	U			4600000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	104-51-8	n-Butylbenzene	0.5	ug/L	U			1000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	103-65-1	n-Propylbenzene	0.5	ug/L	U			22000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	95-47-6	o-Xylene	0.5	ug/L	U			4300	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	99-87-6	p-Cymene	0.5	ug/L	U			9100	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	135-98-8	sec-Butylbenzene	0.5	ug/L	U			2000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	100-42-5	Styrene	0.5	ug/L	U			84000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	98-06-6	tert-Butylbenzene	0.5	ug/L	U			690	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	108-88-3	Toluene	0.5	ug/L	U			150000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	156-60-5	trans-1,2-Dichloroethene	0.5	ug/L	U			457	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	10061-02-6	trans-1,3-Dichloropropene	0.5	ug/L	U			21	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	79-01-6	Trichloroethene	0.5	ug/L	U			7.4	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	75-69-4	Trichlorofluoromethane	0.5	ug/L	U			160000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	108-05-4	Vinyl acetate	2.5	ug/L	U			80000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8260	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	120-82-1	1,2,4-Trichlorobenzene	0.0183	ug/L	U			380	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	95-50-1	1,2-Dichlorobenzene	0.0183	ug/L	U			25000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	541-73-1	1,3-Dichlorobenzene	0.0195	ug/L	U			25	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	106-46-7	1,4-Dichlorobenzene	0.0172	ug/L	U			25	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	95-95-4	2,4,5-Trichlorophenol	0.0126	ug/L	U			1200	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	88-06-2	2,4,6-Trichlorophenol	0.0138	ug/L	U			1700	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	120-83-2	2,4-Dichlorophenol	0.0172	ug/L	U			46	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	105-67-9	2,4-Dimethylphenol	0.0172	ug/L	U			360	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	51-28-5	2,4-Dinitrophenol	0.0344	ug/L	U			39	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	121-14-2	2,4-Dinitrotoluene	0.0149	ug/L	U			0.24	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	606-20-2	2,6-Dinitrotoluene	0.0229	ug/L	U			830	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	91-58-7	2-Chloronaphthalene	0.00172	ug/L	U			750	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	95-57-8	2-Chlorophenol	0.0195	ug/L	U			91	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	91-57-6	2-Methylnaphthalene	0.0385	ug/L	J			36	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	95-48-7	2-Methylphenol	0.0275	ug/L	U			930	

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	88-74-4	2-Nitroaniline	0.0206	ug/L	U			190	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	88-75-5	2-Nitrophenol	0.0252	ug/L	U			5800	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	91-94-1	3,3'-Dichlorobenzidine	0.0413	ug/L	U			0.17	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	99-09-2	3-Nitroaniline	0.0378	ug/L	U			190	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.0252	ug/L	U			1.5	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	101-55-3	4-Bromophenyl phenyl ether	0.0138	ug/L	U				
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	59-50-7	4-Chloro-3-methylphenol	0.0619	ug/L	U			1400	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	106-47-8	4-Chloroaniline	0.0447	ug/L	U			0.37	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.0172	ug/L	U				
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	106-44-5	4-Methylphenol	0.0264	ug/L	U			370	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	100-01-6	4-Nitroaniline	0.0241	ug/L	U			3.8	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	83-32-9	Acenaphthene	0.00183	ug/L	U			510	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	208-96-8	Acenaphthylene	0.00172	ug/L	U			20	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	62-53-3	Aniline	0.0573	ug/L	U			13	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	120-12-7	Anthracene	0.0589	ug/L				1800	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	92-87-5	Benzidine	0.0275	ug/L	U			17	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	56-55-3	Benzo(a)anthracene	0.00505	ug/L	U			2300	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	50-32-8	Benzo(a)pyrene	0.00539	ug/L	U			0.025	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	191-24-2	Benzo(g,h,i)perylene	0.0039	ug/L	U			120	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	56832-73-6	Benzofluoranthenes, Total	0.00436	ug/L	U				
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	65-85-0	Benzoic acid	0.0229	ug/L	U			75000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	100-51-6	Benzyl alcohol	0.0367	ug/L	U			2000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	111-91-1	Bis (2-chloroethoxy) methane	0.0206	ug/L	U			59	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	111-44-4	Bis (2-chloroethyl) ether	0.0218	ug/L	U			140	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	0.0745	ug/L	U			5.6	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.0241	ug/L	U			710	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	85-68-7	Butyl benzylphthalate	0.214	ug/L	U			16	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	86-74-8	Carbazole	0.00321	ug/L	U			7.9	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	218-01-9	Chrysene	0.00287	ug/L	U			25	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	53-70-3	Dibenzo(a,h)anthracene	0.0031	ug/L	U			0.025	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	132-64-9	Dibenzofuran	0.0161	ug/L	U			7.9	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	84-66-2	Diethyl phthalate	0.0665	ug/L	U			15000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	131-11-3	Dimethyl phthalate	0.0183	ug/L	U			15000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	84-74-2	Di-n-butylphthalate	0.265	ug/L	U			900	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	117-84-0	Di-n-octylphthalate	0.039	ug/L	U			200	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	206-44-0	Fluoranthene	0.00218	ug/L	U			800	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	86-73-7	Fluorene	0.00161	ug/L	U			280	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	118-74-1	Hexachlorobenzene	0.0229	ug/L	U			1.3	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	87-68-3	Hexachlorobutadiene	0.0333	ug/L	U			3.3	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	77-47-4	Hexachlorocyclopentadiene	0.0298	ug/L	U			48	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	67-72-1	Hexachloroethane	0.0459	ug/L	U			7	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	0.00344	ug/L	U			0.25	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	78-59-1	Isophorone	0.282	ug/L				78	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	91-20-3	Naphthalene	0.157	ug/L				20	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	98-95-3	Nitrobenzene	0.0516	ug/L	U			800	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	62-75-9	N-Nitrosodimethylamine	0.0378	ug/L	U			25	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	621-64-7	N-Nitrosodi-n-propylamine	0.0241	ug/L	U			370	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	86-30-6	N-Nitrosodiphenylamine	0.0115	ug/L	U			12	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	87-86-5	Pentachlorophenol	0.0195	ug/L	U			53	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	85-01-8	Phenanthrene	0.08	ug/L				1800	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	108-95-2	Phenol	0.0367	ug/L	U			5800	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	8270	129-00-0	Pyrene	0.00161	ug/L	U			110	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	Krone	1002-53-5	Dibutyltin	0.162	ug/L				6	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	Krone	78763-54-9	Monobutyltin	0.054	ug/L				3.7	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	Krone	1461-25-2	Tetrabutyltin	0.00119	ug/L	U			3.7	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	Krone	688-73-3	Tributyltin	0.0233	ug/L				3.7	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	METALS	7440-36-0	Antimony	1.56	ug/L	J			7.8	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	METALS	7440-38-2	Arsenic	18.9	ug/L				6300	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	METALS	7440-39-3	Barium	140	ug/L				4000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	METALS	7440-41-7	Beryllium	0.435	ug/L	J			270000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	METALS	7440-43-9	Cadmium	0.0071	ug/L	U			130000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	METALS	7440-47-3	Chromium	18.5	ug/L				30000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	METALS	7440-50-8	Copper	14.3	ug/L				5400000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	METALS	7439-89-6	Iron	6100	ug/L				14000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	METALS	7439-92-1	Lead	7.95	ug/L				15	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	METALS	7439-96-5	Manganese	157	ug/L				3200000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	METALS	7439-97-6	Mercury	0.131	ug/L	U			11	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	METALS	7440-02-0	Nickel	7.23	ug/L				400	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	METALS	7782-49-2	Selenium	2.01	ug/L	J			100	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	METALS	7440-22-4	Silver	0.154	ug/L				1100000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	METALS	7440-28-0	Thallium	0.23	ug/L	J			0.2	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	METALS	7440-66-6	Zinc	57.6	ug/L				6000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	NWTPH-Dx	TPH-D	Diesel Range Organics	122	ug/L	J			100	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	NWTPH-Dx	MOIL	Residual Range Organics	275	ug/L	J			300	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	100	ug/L	U			14000	
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.02754	ug/L	U				
MW-01	723608.741	7834739.541	5/1/2002	19.84 - 29.84	WG	N	020501BIL02GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.26013	ug/L					
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	300.0	24959-67-9	Bromide	72	ug/L	J				
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	6010B	7440-70-2	Calcium, Dissolved	42000	ug/L					
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	6010B	7439-89-6	Iron	75.5	ug/L				14000	
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	6010B	7439-89-6	Iron, Dissolved	14.6	ug/L	J			14000	
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	6010B	7439-95-4	Magnesium, Dissolved	2810	ug/L					
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	6010B	7440-09-7	Potassium, Dissolved	4620	ug/L					
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	6010B	7440-23-5	Sodium, Dissolved	355000	ug/L					
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	6020	7440-38-2	Arsenic	21.3	ug/L				6300	
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	6020	7440-38-2	Arsenic, Dissolved	19.3	ug/L				6300	
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	6020	7439-92-1	Lead	0.558	ug/L				15	
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	6020	7439-92-1	Lead, Dissolved	0.281	ug/L				15	
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	6020	7439-96-5	Manganese	3.85	ug/L				3200000	
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	6020	7439-96-5	Manganese, Dissolved	0.28	ug/L				3200000	
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	8270C	106-46-7	1,4-Dichlorobenzene	0.031	ug/L	U			25	
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	8270C	100-02-7	4-Nitrophenol	0.3	ug/L	U			5800	
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	8270C	85-01-8	Phenanthrene	0.023	ug/L	U			1800	
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	8270C	108-95-2	Phenol	0.066	ug/L	U			5800	
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	Krone	1002-53-5	Dibutyltin	0.0081	ug/L	U			6	
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	Krone	78763-54-9	Monobutyltin	0.011	ug/L	U			3.7	
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	NWTPH-Dx	TPH-D	Diesel Range Organics	12	ug/L	U			100	

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Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	NWTPH-Dx	MOIL	Residual Range Organics	21	ug/L	U			300	
MW-01	723608.741	7834739.541	4/16/2008	19.84 - 29.84	WG	N	080416MW1 GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-01	723608.741	7834739.541	7/18/2008	19.84 - 29.84	WG	N	080718MW1GW	6010B	7439-89-6	Iron	7910	ug/L				14000	
MW-01	723608.741	7834739.541	7/18/2008	19.84 - 29.84	WG	N	080718MW1GW	6010B	7439-89-6	Iron, Dissolved	534	ug/L				14000	
MW-01	723608.741	7834739.541	7/18/2008	19.84 - 29.84	WG	N	080718MW1GW	6010B	7439-96-5	Manganese	291	ug/L				3200000	
MW-01	723608.741	7834739.541	7/18/2008	19.84 - 29.84	WG	N	080718MW1GW	6010B	7439-96-5	Manganese, Dissolved	22.8	ug/L				3200000	
MW-01	723608.741	7834739.541	7/18/2008	19.84 - 29.84	WG	N	080718MW1GW	6020	7440-38-2	Arsenic	19.6	ug/L				6300	
MW-01	723608.741	7834739.541	7/18/2008	19.84 - 29.84	WG	N	080718MW1GW	6020	7440-38-2	Arsenic, Dissolved	18.3	ug/L				6300	
MW-01	723608.741	7834739.541	7/18/2008	19.84 - 29.84	WG	N	080718MW1GW	6020	7439-92-1	Lead	6.36	ug/L				15	
MW-01	723608.741	7834739.541	7/18/2008	19.84 - 29.84	WG	N	080718MW1GW	6020	7439-92-1	Lead, Dissolved	0.536	ug/L				15	
MW-01	723608.741	7834739.541	7/18/2008	19.84 - 29.84	WG	N	080718MW1GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-01	723608.741	7834739.541	7/18/2008	19.84 - 29.84	WG	N	080718MW1GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-01	723608.741	7834739.541	7/18/2008	19.84 - 29.84	WG	N	080718MW1GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-01	723608.741	7834739.541	7/18/2008	19.84 - 29.84	WG	N	080718MW1GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-01	723608.741	7834739.541	10/24/2008	19.84 - 29.84	WG	N	081024MW1GW	6010B	7439-89-6	Iron	2620	ug/L				14000	
MW-01	723608.741	7834739.541	10/24/2008	19.84 - 29.84	WG	N	081024MW1GW	6020	7440-38-2	Arsenic	16.2	ug/L				6300	
MW-01	723608.741	7834739.541	10/24/2008	19.84 - 29.84	WG	N	081024MW1GW	6020	7439-92-1	Lead	1.7	ug/L				15	
MW-01	723608.741	7834739.541	10/24/2008	19.84 - 29.84	WG	N	081024MW1GW	6020	7439-96-5	Manganese	69	ug/L				3200000	
MW-01	723608.741	7834739.541	10/24/2008	19.84 - 29.84	WG	N	081024MW1GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-01	723608.741	7834739.541	10/24/2008	19.84 - 29.84	WG	N	081024MW1GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-01	723608.741	7834739.541	10/24/2008	19.84 - 29.84	WG	N	081024MW1GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-01	723608.741	7834739.541	10/24/2008	19.84 - 29.84	WG	N	081024MW1GW	NWTPH-Dx	TPH-D	Diesel Range Organics	480	ug/L				100	
MW-01	723608.741	7834739.541	10/24/2008	19.84 - 29.84	WG	N	081024MW1GW	NWTPH-Dx	MOIL	Residual Range Organics	200	ug/L				300	
MW-01	723608.741	7834739.541	10/24/2008	19.84 - 29.84	WG	N	081024MW1GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	14	ug/L	J			14000	
MW-01	723608.741	7834739.541	1/15/2009	19.84 - 29.84	WG	N	090115MW1GW	6010B	7439-89-6	Iron	4710	ug/L				14000	
MW-01	723608.741	7834739.541	1/15/2009	19.84 - 29.84	WG	N	090115MW1GW	6010B	7439-89-6	Iron, Dissolved	20	ug/L	U			14000	
MW-01	723608.741	7834739.541	1/15/2009	19.84 - 29.84	WG	N	090115MW1GW	6020	7440-38-2	Arsenic	15.8	ug/L				6300	
MW-01	723608.741	7834739.541	1/15/2009	19.84 - 29.84	WG	N	090115MW1GW	6020	7440-38-2	Arsenic, Dissolved	14.2	ug/L				6300	
MW-01	723608.741	7834739.541	1/15/2009	19.84 - 29.84	WG	N	090115MW1GW	6020	7439-92-1	Lead	1.44	ug/L				15	
MW-01	723608.741	7834739.541	1/15/2009	19.84 - 29.84	WG	N	090115MW1GW	6020	7439-92-1	Lead, Dissolved	0.016	ug/L	J			15	
MW-01	723608.741	7834739.541	1/15/2009	19.84 - 29.84	WG	N	090115MW1GW	6020	7439-96-5	Manganese	77.6	ug/L				3200000	
MW-01	723608.741	7834739.541	1/15/2009	19.84 - 29.84	WG	N	090115MW1GW	6020	7439-96-5	Manganese, Dissolved	11.3	ug/L				3200000	
MW-01	723608.741	7834739.541	1/15/2009	19.84 - 29.84	WG	N	090115MW1GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-01	723608.741	7834739.541	1/15/2009	19.84 - 29.84	WG	N	090115MW1GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-01	723608.741	7834739.541	1/15/2009	19.84 - 29.84	WG	N	090115MW1GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-01	723608.741	7834739.541	1/15/2009	19.84 - 29.84	WG	N	090115MW1GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7429-90-5	Aluminum	4620	ug/L	J			20000	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7440-36-0	Antimony	5.4	ug/L	U			7.8	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7440-38-2	Arsenic	22.1	ug/L	U			6300	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7440-39-3	Barium	109	ug/L	J			4000	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7440-41-7	Beryllium	0.773	ug/L	J			270000	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7440-69-9	Bismuth	88.4	ug/L					
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7440-43-9	Cadmium	2	ug/L	U			130000	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7440-70-2	Calcium	43700	ug/L	J				
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7440-47-3	Chromium	7.58	ug/L	J			30000	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7440-48-4	Cobalt	6.12	ug/L	J			6	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7440-50-8	Copper	15.8	ug/L	U			5400000	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7440-69-9	Germanium	112	ug/L					
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7440-74-6	Indium	95.2	ug/L					
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7439-89-6	Iron	6340	ug/L	J			14000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7439-92-1	Lead	5.52	ug/L	J			15	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7439-93-2	Lithium	114	ug/L					
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7439-95-4	Magnesium	5380	ug/L	J				
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7439-96-5	Manganese	396	ug/L	J			3200000	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7440-02-0	Nickel	10.4	ug/L	J			400	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7440-09-7	Potassium	5260	ug/L	J				
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7440-20-2	Scandium	116	ug/L					
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7782-49-2	Selenium	10	ug/L	U			100	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7440-22-4	Silver	1.15	ug/L	J			1100000	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7440-23-5	Sodium	383000	ug/L	J				
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	15492-51-0	Terbium	98.8	ug/L					
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7440-28-0	Thallium	1	ug/L	U			0.2	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7440-62-2	Vanadium	5	ug/L				86	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7440-65-5	Yttrium	111	ug/L					
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW6020B	7440-66-6	Zinc	26.2	ug/L				6000	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW7470A	7439-97-6	Mercury	0.4	ug/L	U			11	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	53-19-0	2,4-DDD	0.0103	ug/L	UJ				
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	3424-82-6	2,4-DDE	0.0103	ug/L	UJ				
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	789-02-6	2,4-DDT	0.0103	ug/L	UJ				
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	72-54-8	4,4'-DDD	0.0107	ug/L	U			3.2	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	72-55-9	4,4'-DDE	0.0214	ug/L	U			310	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	50-29-3	4,4'-DDT	0.0536	ug/L	U			0.23	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	309-00-2	Aldrin	0.0214	ug/L	U			3.5	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	319-84-6	alpha-BHC	0.0214	ug/L	U			18	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	5103-71-9	alpha-Chlordane	0.0268	ug/L	U			0.45	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	319-85-7	beta-BHC	0.0214	ug/L	U			0.025	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	319-86-8	delta-BHC	0.0214	ug/L	U			0.0072	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	60-57-1	Dieldrin	0.0214	ug/L	U			2.4	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	959-98-8	Endosulfan I	0.0214	ug/L	U			98	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	33213-65-9	Endosulfan II	0.0214	ug/L	U			98	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	1031-07-8	Endosulfan sulfate	0.0268	ug/L	U			98	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	72-20-8	Endrin	0.0214	ug/L	U			170	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	7421-93-4	Endrin aldehyde	0.0268	ug/L	U			170	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	53494-70-5	Endrin ketone	0.0214	ug/L	U			170	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	58-89-9	gamma-BHC (Lindane)	0.0214	ug/L	U			100	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	5103-74-2	gamma-Chlordane	0.0268	ug/L	U			0.45	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	76-44-8	Heptachlor	0.0214	ug/L	U			1.8	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	1024-57-3	Heptachlor epoxide	0.0214	ug/L	U			3.2	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	72-43-5	Methoxychlor	0.0536	ug/L	U			37	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	27304-13-8	Oxychlordane	0.0103	ug/L	UJ				
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8081B	8001-35-2	Toxaphene	1.07	ug/L	U			18	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	630-20-6	1,1,1,2-Tetrachloroethane	0.2	ug/L	U			36	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	79-34-5	1,1,2,2-Tetrachloroethane	0.2	ug/L	U			30	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	79-00-5	1,1,2-Trichloroethane	0.2	ug/L	U			44	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	75-34-3	1,1-Dichloroethane	0.2	ug/L	U			55	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	96-18-4	1,2,3-Trichloropropane	0.2	ug/L	U			200	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	95-63-6	1,2,4-Trimethylbenzene	0.2	ug/L	U			2400	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	106-93-4	1,2-Dibromoethane (EDB)	0.2	ug/L	U			1.5	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	107-06-2	1,2-Dichloroethane	0.3	ug/L	U			18	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	78-87-5	1,2-Dichloropropane	0.3	ug/L	U			52	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	106-46-7	1,4-Dichlorobenzene	0.2	ug/L	U			25	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	594-20-7	2,2-Dichloropropane	0.2	ug/L	U			52	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	71-43-2	Benzene	0.2	ug/L	U			12	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	74-97-5	Bromochloromethane	0.2	ug/L	U			450	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	75-27-4	Bromodichloromethane	0.2	ug/L	U			6.9	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	56-23-5	Carbon tetrachloride	0.2	ug/L	U			3.1	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	67-66-3	Chloroform	0.3	ug/L	U			5.9	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	156-59-2	cis-1,2-Dichloroethene	0.3	ug/L	U			1800	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	10061-01-5	cis-1,3-Dichloropropene	0.2	ug/L	U			40	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	124-48-1	Dibromochloromethane	0.2	ug/L	U			610	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	74-95-3	Dibromomethane	0.2	ug/L	U			950	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	87-68-3	Hexachlorobutadiene	0.2	ug/L	U			3.3	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	98-82-8	Isopropylbenzene	0.2	ug/L	U			9100	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	103-65-1	n-Propylbenzene	0.2	ug/L	U			22000	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	10061-02-6	trans-1,3-Dichloropropene	0.2	ug/L	U			21	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	79-01-6	Trichloroethene	0.2	ug/L	U			7.4	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8260B/D	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D	1319-77-3	3 & 4-Methylphenol	0.524	ug/L	U			370	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D	91-94-1	3,3'-Dichlorobenzidine	10.5	ug/L	U			0.17	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D	100-02-7	4-Nitrophenol	5.24	ug/L	U			5800	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D	92-87-5	Benzidine	41.9	ug/L	U			17	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D	111-44-4	Bis (2-chloroethyl) ether	0.524	ug/L	U			140	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D	85-68-7	Butyl benzylphthalate	0.524	ug/L	U			16	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D	86-74-8	Carbazole	0.524	ug/L	U			7.9	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D	132-64-9	Dibenzofuran	0.314	ug/L	U			7.9	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D	84-74-2	Di-n-butylphthalate	6.28	ug/L	U			900	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D	117-84-0	Di-n-octylphthalate	5.24	ug/L	U			200	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D	118-74-1	Hexachlorobenzene	0.524	ug/L	U			1.3	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D	62-75-9	N-Nitrosodimethylamine	0.524	ug/L	U			25	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	1.05	ug/L	U			370	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D	108-95-2	Phenol	0.524	ug/L	U			5800	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D SIM	91-57-6	2-Methylnaphthalene	0.0427	ug/L	U			36	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D SIM	83-32-9	Acenaphthene	0.0427	ug/L	U			510	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D SIM	208-96-8	Acenaphthylene	0.0427	ug/L	U			20	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D SIM	120-12-7	Anthracene	0.0427	ug/L	U			1800	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D SIM	56-55-3	Benzo(a)anthracene	0.0855	ug/L	U			2300	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D SIM	50-32-8	Benzo(a)pyrene	0.0641	ug/L	U			0.025	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D SIM	205-99-2	Benzo(b)fluoranthene	0.0641	ug/L	U			0.25	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D SIM	191-24-2	Benzo(g,h,i)perylene	0.0502	ug/L	J			120	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D SIM	207-08-9	Benzo(k)fluoranthene	0.0855	ug/L	U			2.5	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D SIM	117-81-7	Bis (2-ethylhexyl) phthalate	0.465	ug/L	J			5.6	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D SIM	218-01-9	Chrysene	0.128	ug/L	U			25	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D SIM	53-70-3	Dibenzo(a,h)anthracene	0.128	ug/L	U			0.025	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D SIM	206-44-0	Fluoranthene	0.0855	ug/L	U			800	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D SIM	86-73-7	Fluorene	0.0427	ug/L	U			280	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0855	ug/L	U			0.25	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D SIM	91-20-3	Naphthalene	0.0855	ug/L	U			20	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D SIM	85-01-8	Phenanthrene	0.128	ug/L	U			1800	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	SW8270D SIM	129-00-0	Pyrene	0.0641	ug/L	U			110	
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.216593	ug/L	U				
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.8405	ug/L	U				
MW-01	723608.741	7834739.541	4/5/2022	19.84 - 29.84	WG	N	22D0298-04	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.3418	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.002013	ug/L				1.3	
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	2051-60-7	PCB-1	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	33146-45-1	PCB-10	0.000039	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	39485-83-1	PCB-100	0.000039	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	37680-73-2	PCB-101	0.000086	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	68194-06-9	PCB-102	0.000029	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	60145-21-3	PCB-103	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	56558-16-8	PCB-104	0.000029	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	32598-14-4	PCB-105	0.000027	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	70424-69-0	PCB-106	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	70424-68-9	PCB-107	0.000029	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	70362-41-3	PCB-108	0.000042	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74472-35-8	PCB-109	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	2050-67-1	PCB-11	0.000039	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	38380-03-9	PCB-110	0.00017	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	39635-32-0	PCB-111	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74472-36-9	PCB-112	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	68194-10-5	PCB-113	0.000086	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74472-37-0	PCB-114	0.000019	ug/L	U			2.9	
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74472-38-1	PCB-115	0.00017	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	18259-05-7	PCB-116	0.000049	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	68194-11-6	PCB-117	0.000049	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	31508-00-6	PCB-118	0.000073	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	56558-17-9	PCB-119	0.000042	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	2974-92-7	PCB-12	0.000068	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	68194-12-7	PCB-120	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	56558-18-0	PCB-121	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	76842-07-4	PCB-122	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	65510-44-3	PCB-123	0.000019	ug/L	U			1.4	
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	70424-70-3	PCB-124	0.000029	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74472-39-2	PCB-125	0.000042	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	57465-28-8	PCB-126	0.000019	ug/L	U			0.00042	
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	39635-33-1	PCB-127	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	38380-07-3	PCB-128	0.000058	ug/L	J				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	55215-18-4	PCB-129	0.0003	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	2974-90-5	PCB-13	0.000068	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52663-66-8	PCB-130	0.000027	ug/L	J				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	61798-70-7	PCB-131	0.0000042	ug/L	J				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	38380-05-1	PCB-132	0.00013	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	35694-04-3	PCB-133	0.0000097	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52704-70-8	PCB-134	0.000016	ug/L	J				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52744-13-5	PCB-135	0.000093	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	38411-22-2	PCB-136	0.00003	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	35694-06-5	PCB-137	0.00002	ug/L	J				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	35065-28-2	PCB-138	0.0003	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	56030-56-9	PCB-139	0.0000049	ug/L	J				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	34883-41-5	PCB-14	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	59291-64-4	PCB-140	0.0000049	ug/L	J				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52712-04-6	PCB-141	0.000058	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	41411-61-4	PCB-142	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	68194-15-0	PCB-143	0.000016	ug/L	J				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	68194-14-9	PCB-144	0.000012	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74472-40-5	PCB-145	0.0000097	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	51908-16-8	PCB-146	0.000037	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	68194-13-8	PCB-147	0.00023	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74472-41-6	PCB-148	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	38380-04-0	PCB-149	0.00023	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	2050-68-2	PCB-15	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	68194-08-1	PCB-150	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52663-63-5	PCB-151	0.000093	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	68194-09-2	PCB-152	0.0000097	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	35065-27-1	PCB-153	0.0002	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	60145-22-4	PCB-154	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	33979-03-2	PCB-155	0.000029	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	38380-08-4	PCB-156	0.000027	ug/L	U			7	
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	69782-90-7	PCB-157	0.000027	ug/L	U			1.6	
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74472-42-7	PCB-158	0.000032	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	39635-35-3	PCB-159	0.0000032	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	38444-78-9	PCB-16	0.0000063	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	41411-62-5	PCB-160	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74472-43-8	PCB-161	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	39635-34-2	PCB-162	0.0000019	ug/L	J				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74472-44-9	PCB-163	0.0003	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74472-45-0	PCB-164	0.000028	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74472-46-1	PCB-165	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	41411-63-6	PCB-166	0.000058	ug/L	J				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52663-72-6	PCB-167	0.000017	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	59291-65-5	PCB-168	0.0002	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	32774-16-6	PCB-169	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	37680-66-3	PCB-17	0.0000045	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	35065-30-6	PCB-170	0.000091	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52663-71-5	PCB-171	0.000029	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52663-74-8	PCB-172	0.000016	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	68194-16-1	PCB-173	0.000029	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	38411-25-5	PCB-174	0.000094	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	40186-70-7	PCB-175	0.0000033	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52663-65-7	PCB-176	0.000011	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52663-70-4	PCB-177	0.000047	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52663-67-9	PCB-178	0.000017	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52663-64-6	PCB-179	0.000034	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	37680-65-2	PCB-18	0.0000089	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	35065-29-3	PCB-180	0.00018	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74472-47-2	PCB-181	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	60145-23-5	PCB-182	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52663-69-1	PCB-183	0.000048	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74472-48-3	PCB-184	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52712-05-7	PCB-185	0.000015	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74472-49-4	PCB-186	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52663-68-0	PCB-187	0.000082	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74487-85-7	PCB-188	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	39635-31-9	PCB-189	0.0000029	ug/L	J				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	38444-73-4	PCB-19	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	41411-64-7	PCB-190	0.000015	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74472-50-7	PCB-191	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74472-51-8	PCB-192	0.0000097	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	69782-91-8	PCB-193	0.00018	ug/L	J				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	35694-08-7	PCB-194	0.00004	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52663-78-2	PCB-195	0.000016	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	42740-50-1	PCB-196	0.000022	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	33091-17-7	PCB-197	0.0000013	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	68194-17-2	PCB-198	0.000035	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52663-75-9	PCB-199	0.000035	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	2051-61-8	PCB-2	0.0000097	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	38444-84-7	PCB-20	0.000013	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52663-73-7	PCB-200	0.000007	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	40186-71-8	PCB-201	0.0000062	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	2136-99-4	PCB-202	0.0000088	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52663-76-0	PCB-203	0.000024	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74472-52-9	PCB-204	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74472-53-0	PCB-205	0.0000013	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	40186-72-9	PCB-206	0.000011	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52663-79-3	PCB-207	0.0000014	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52663-77-1	PCB-208	0.0000024	ug/L	J				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	2051-24-3	PCB-209	0.0000031	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	55702-46-0	PCB-21	0.0000078	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	38444-85-8	PCB-22	0.000005	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	55720-44-0	PCB-23	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	55702-45-9	PCB-24	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	55712-37-3	PCB-25	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	38444-81-4	PCB-26	0.0000028	ug/L	J				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	38444-76-7	PCB-27	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	7012-37-5	PCB-28	0.000013	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	15862-07-4	PCB-29	0.0000028	ug/L	J				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	2051-62-9	PCB-3	0.0000097	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	35693-92-6	PCB-30	0.0000089	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	16606-02-3	PCB-31	0.000016	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	38444-77-8	PCB-32	0.0000039	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	38444-86-9	PCB-33	0.0000078	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	37680-68-5	PCB-34	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	37680-69-6	PCB-35	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	38444-87-0	PCB-36	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	38444-90-5	PCB-37	0.0000056	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	53555-66-1	PCB-38	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	38444-88-1	PCB-39	0.000029	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	13029-08-8	PCB-4	0.000039	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	38444-93-8	PCB-40	0.000004	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52663-59-9	PCB-41	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	36559-22-5	PCB-42	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	70362-46-8	PCB-43	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	41464-39-5	PCB-44	0.000014	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	70362-45-7	PCB-45	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	41464-47-5	PCB-46	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	2437-79-8	PCB-47	0.000014	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	70362-47-9	PCB-48	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	41464-40-8	PCB-49	0.0000048	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	16605-91-7	PCB-5	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	62796-65-0	PCB-50	0.000029	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	68194-04-7	PCB-51	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	35693-99-3	PCB-52	0.000018	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	41464-41-9	PCB-53	0.000029	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	15968-05-5	PCB-54	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74338-24-2	PCB-55	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	41464-43-1	PCB-56	0.0000042	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	70424-67-8	PCB-57	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	41464-49-7	PCB-58	0.0000022	ug/L	J				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74472-33-6	PCB-59	0.000049	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	25569-80-6	PCB-6	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	33025-41-1	PCB-60	0.0000024	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	33284-53-6	PCB-61	0.000025	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	54230-22-7	PCB-62	0.000049	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74472-34-7	PCB-63	0.000029	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52663-58-8	PCB-64	0.0000048	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	33284-54-7	PCB-65	0.000014	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	32598-10-0	PCB-66	0.00001	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	73575-53-8	PCB-67	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	73575-52-7	PCB-68	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	60233-24-1	PCB-69	0.0000048	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	33284-50-3	PCB-7	0.000024	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	32598-11-1	PCB-70	0.000025	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	41464-46-4	PCB-71	0.000004	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	41464-42-0	PCB-72	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	74338-23-1	PCB-73	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	32690-93-0	PCB-74	0.000025	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	32598-12-2	PCB-75	0.000049	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	70362-48-0	PCB-76	0.000025	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	32598-13-3	PCB-77	0.0000028	ug/L	J			0.006	
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	70362-49-1	PCB-78	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	41464-48-6	PCB-79	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	34883-43-7	PCB-8	0.000024	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	33284-52-5	PCB-80	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	70362-50-4	PCB-81	0.000019	ug/L	U			0.12	
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52663-62-4	PCB-82	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	60145-20-2	PCB-83	0.0000078	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52663-60-2	PCB-84	0.000034	ug/L	J				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	65510-45-4	PCB-85	0.000049	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	55312-69-1	PCB-86	0.000042	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	38380-02-8	PCB-87	0.000042	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	55215-17-3	PCB-88	0.000016	ug/L	J				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	73575-57-2	PCB-89	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	34883-39-1	PCB-9	0.000024	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	68194-07-0	PCB-90	0.000086	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	68194-05-8	PCB-91	0.000016	ug/L	J				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	52663-61-3	PCB-92	0.000014	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	73575-56-1	PCB-93	0.000039	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	73575-55-0	PCB-94	0.000029	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	38379-99-6	PCB-95	0.000081	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	73575-54-9	PCB-96	0.000019	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	41464-51-1	PCB-97	0.000042	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	60233-25-2	PCB-98	0.000029	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	1668C	38380-01-7	PCB-99	0.000018	ug/L	U				
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	NWTPH-DX	TPH-D	Diesel Range Organics	100	ug/L	U			100	
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	NWTPH-DX	MOIL	Residual Range Organics	110	ug/L	J			300	
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	NWTPH-GX	TPH-G	Gasoline Range Organics	40	ug/L	U			14000	
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	ORGANOTINS	1002-53-5	Dibutyltin	0.15	ug/L	UJ			6	
MW-01	723608.741	7834739.541	4/7/2022	19.84 - 29.84	WG	N	MW-1-GW	ORGANOTINS	1461-25-2	Tetrabutyltin	0.19	ug/L	UJ			3.7	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8081 Pest	72-54-8	4,4'-DDD	0.094	ug/L	U			3.2	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8081 Pest	72-55-9	4,4'-DDE	0.094	ug/L	U			310	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8081 Pest	50-29-3	4,4'-DDT	0.094	ug/L	U			0.23	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8081 Pest	309-00-2	Aldrin	0.047	ug/L	U			3.5	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8081 Pest	319-84-6	alpha-BHC	0.047	ug/L	U			18	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8081 Pest	5103-71-9	alpha-Chlordane	0.047	ug/L	U			0.45	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8081 Pest	319-85-7	beta-BHC	0.047	ug/L	U			0.025	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8081 Pest	319-86-8	delta-BHC	0.047	ug/L	U			0.0072	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8081 Pest	60-57-1	Dieldrin	0.094	ug/L	U			2.4	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8081 Pest	959-98-8	Endosulfan I	0.047	ug/L	U			98	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8081 Pest	33213-65-9	Endosulfan II	0.094	ug/L	U			98	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.094	ug/L	U			98	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8081 Pest	72-20-8	Endrin	0.094	ug/L	U			170	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8081 Pest	7421-93-4	Endrin aldehyde	0.094	ug/L	U			170	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8081 Pest	53494-70-5	Endrin ketone	0.094	ug/L	U			170	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.047	ug/L	U			100	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8081 Pest	5103-74-2	gamma-Chlordane	0.047	ug/L	U			0.45	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8081 Pest	76-44-8	Heptachlor	0.047	ug/L	U			1.8	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.047	ug/L	U			3.2	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8081 Pest	72-43-5	Methoxychlor	0.47	ug/L	U			37	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8081 Pest	8001-35-2	Toxaphene	0.94	ug/L	U			18	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8151	93-76-5	2,4,5-T	0.15	ug/L	U			160	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8151	93-72-1	2,4,5-TP (Silvex)	0.1	ug/L	U			110	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8151	94-75-7	2,4-D	1	ug/L	U			77000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8151	94-82-6	2,4-DB	1	ug/L	U				
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8151	120-36-5	2,4-DP (Dichloroprop)	1	ug/L	U				
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8151	75-99-0	Dalapon	2	ug/L	U			600	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8151	1918-00-9	Dicamba	0.1	ug/L	U			570	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8151	88-85-7	Dinoseb	0.5	ug/L	U			15	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8151	94-74-6	MCPA	50	ug/L	U			1700	

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8151	93-65-2	MCPP	50	ug/L	U			16	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	1	ug/L	U			36	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	71-55-6	1,1,1-Trichloroethane	1	ug/L	U			53000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	1	ug/L	U			30	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	79-00-5	1,1,2-Trichloroethane	1	ug/L	U			44	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	75-34-3	1,1-Dichloroethane	1	ug/L	U			55	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	75-35-4	1,1-Dichloroethene	1	ug/L	U			1300	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	563-58-6	1,1-Dichloropropene	1	ug/L	U			40	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	87-61-6	1,2,3-Trichlorobenzene	5	ug/L	U			7	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	96-18-4	1,2,3-Trichloropropane	1	ug/L	U			200	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	120-82-1	1,2,4-Trichlorobenzene	5	ug/L	U			380	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	95-63-6	1,2,4-Trimethylbenzene	1	ug/L	U			2400	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	3	ug/L	U			0.34	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	106-93-4	1,2-Dibromoethane (EDB)	1	ug/L	U			1.5	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	95-50-1	1,2-Dichlorobenzene	2	ug/L	U			25000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	107-06-2	1,2-Dichloroethane	1	ug/L	U			18	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	78-87-5	1,2-Dichloropropane	1	ug/L	U			52	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	108-67-8	1,3,5-Trimethylbenzene	1	ug/L	U			1700	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	541-73-1	1,3-Dichlorobenzene	2	ug/L	U			25	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	142-28-9	1,3-Dichloropropane	1	ug/L	U			370	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	106-46-7	1,4-Dichlorobenzene	2	ug/L	U			25	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	594-20-7	2,2-Dichloropropane	1	ug/L	U			52	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	110-75-8	2-Chloroethyl vinyl ether	10	ug/L	U				
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	95-49-8	2-Chlorotoluene	1	ug/L	U			240	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	591-78-6	2-Hexanone	10	ug/L	U			72000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	106-43-4	4-Chlorotoluene	1	ug/L	U			250	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	67-64-1	Acetone	10	ug/L	U			18000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	71-43-2	Benzene	1	ug/L	U			12	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	108-86-1	Bromobenzene	1	ug/L	U			6300	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	74-97-5	Bromochloromethane	1	ug/L	U			450	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	75-27-4	Bromodichloromethane	1	ug/L	U			6.9	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	75-25-2	Bromoform	3	ug/L	U			1100	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	75-15-0	Carbon disulfide	10	ug/L	U			8200	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	56-23-5	Carbon tetrachloride	1	ug/L	U			3.1	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	108-90-7	Chlorobenzene	1	ug/L	U			3400	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	75-00-3	Chloroethane	1	ug/L	U			57000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	67-66-3	Chloroform	1	ug/L	U			5.9	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	74-87-3	Chloromethane	5	ug/L	U			1500	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	156-59-2	cis-1,2-Dichloroethene	1	ug/L	U			1800	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	10061-01-5	cis-1,3-Dichloropropene	3	ug/L	U			40	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	124-48-1	Dibromochloromethane	2	ug/L	U			610	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	74-95-3	Dibromomethane	1	ug/L	U			950	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	75-71-8	Dichlorodifluoromethane	1	ug/L	U			41	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	100-41-4	Ethylbenzene	1	ug/L	U			31	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	87-68-3	Hexachlorobutadiene	3	ug/L	U			3.3	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	98-82-8	Isopropylbenzene	1	ug/L	U			9100	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	78-93-3	MEK (2-Butanone)	10	ug/L	U			17000000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	75-09-2	Methylene chloride	5	ug/L	U			15000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	10	ug/L	U			4600000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	91-20-3	Naphthalene	5	ug/L	U			20	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	104-51-8	n-Butylbenzene	1	ug/L	U			1000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	103-65-1	n-Propylbenzene	1	ug/L	U			22000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	95-47-6	o-Xylene	1	ug/L	U			4300	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	99-87-6	p-Cymene	2	ug/L	U			9100	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	135-98-8	sec-Butylbenzene	1	ug/L	U			2000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	100-42-5	Styrene	1	ug/L	U			84000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	98-06-6	tert-Butylbenzene	1	ug/L	U			690	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	127-18-4	Tetrachloroethene	1	ug/L	U			130	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	108-88-3	Toluene	1	ug/L	U			150000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	156-60-5	trans-1,2-Dichloroethene	1	ug/L	U			457	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	10061-02-6	trans-1,3-Dichloropropene	3	ug/L	U			21	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	79-01-6	Trichloroethene	1	ug/L	U			7.4	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	75-69-4	Trichlorofluoromethane	1	ug/L	U			160000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	108-05-4	Vinyl acetate	10	ug/L	U			80000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8260	75-01-4	Vinyl chloride	1	ug/L	U			3.3	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	95-95-4	2,4,5-Trichlorophenol	47	ug/L	U			1200	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	88-06-2	2,4,6-Trichlorophenol	9.4	ug/L	U			1700	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	120-83-2	2,4-Dichlorophenol	9.4	ug/L	U			46	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	105-67-9	2,4-Dimethylphenol	9.4	ug/L	U			360	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	51-28-5	2,4-Dinitrophenol	47	ug/L	U			39	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	121-14-2	2,4-Dinitrotoluene	9.4	ug/L	U			0.24	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	606-20-2	2,6-Dinitrotoluene	9.4	ug/L	U			830	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	91-58-7	2-Chloronaphthalene	9.4	ug/L	U			750	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	95-57-8	2-Chlorophenol	9.4	ug/L	U			91	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	91-57-6	2-Methylnaphthalene	9.4	ug/L	U			36	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	95-48-7	2-Methylphenol	9.4	ug/L	U			930	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	88-74-4	2-Nitroaniline	47	ug/L	U			190	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	88-75-5	2-Nitrophenol	9.4	ug/L	U			5800	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	91-94-1	3,3'-Dichlorobenzidine	19	ug/L	U			0.17	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	99-09-2	3-Nitroaniline	47	ug/L	U			190	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	47	ug/L	U			1.5	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	101-55-3	4-Bromophenyl phenyl ether	9.4	ug/L	U				
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	59-50-7	4-Chloro-3-methylphenol	9.4	ug/L	U			1400	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	106-47-8	4-Chloroaniline	9.4	ug/L	U			0.37	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	9.4	ug/L	U				
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	106-44-5	4-Methylphenol	9.4	ug/L	U			370	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	100-01-6	4-Nitroaniline	47	ug/L	U			3.8	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	100-02-7	4-Nitrophenol	47	ug/L	U			5800	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	83-32-9	Acenaphthene	9.4	ug/L	U			510	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	208-96-8	Acenaphthylene	9.4	ug/L	U			20	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	62-53-3	Aniline	9.4	ug/L	U			13	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	120-12-7	Anthracene	9.4	ug/L	U			1800	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	92-87-5	Benzidine	94	ug/L	U			17	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	56-55-3	Benzo(a)anthracene	9.4	ug/L	U			2300	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	50-32-8	Benzo(a)pyrene	9.4	ug/L	U			0.025	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	205-99-2	Benzo(b)fluoranthene	9.4	ug/L	U			0.25	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	191-24-2	Benzo(g,h,i)perylene	9.4	ug/L	U			120	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	207-08-9	Benzo(k)fluoranthene	9.4	ug/L	U			2.5	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	65-85-0	Benzoic acid	47	ug/L	U			75000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	100-51-6	Benzyl alcohol	9.4	ug/L	U			2000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	111-91-1	Bis (2-chloroethoxy) methane	9.4	ug/L	U			59	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	111-44-4	Bis (2-chloroethyl) ether	9.4	ug/L	U			140	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	9.4	ug/L	U			5.6	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	9.4	ug/L	U			710	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	85-68-7	Butyl benzylphthalate	9.4	ug/L	U			16	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	86-74-8	Carbazole	9.4	ug/L	U			7.9	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	218-01-9	Chrysene	9.4	ug/L	U			25	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	53-70-3	Dibenzo(a,h)anthracene	9.4	ug/L	U			0.025	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	132-64-9	Dibenzofuran	9.4	ug/L	U			7.9	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	84-66-2	Diethyl phthalate	9.4	ug/L	U			15000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	131-11-3	Dimethyl phthalate	9.4	ug/L	U			15000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	84-74-2	Di-n-butylphthalate	9.4	ug/L	U			900	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	117-84-0	Di-n-octylphthalate	9.4	ug/L	U			200	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	206-44-0	Fluoranthene	9.4	ug/L	U			800	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	86-73-7	Fluorene	9.4	ug/L	U			280	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	118-74-1	Hexachlorobenzene	9.4	ug/L	U			1.3	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	77-47-4	Hexachlorocyclopentadiene	9.4	ug/L	U			48	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	67-72-1	Hexachloroethane	9.4	ug/L	U			7	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	9.4	ug/L	U			0.25	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	78-59-1	Isophorone	9.4	ug/L	U			78	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	98-95-3	Nitrobenzene	9.4	ug/L	U			800	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	62-75-9	N-Nitrosodimethylamine	9.4	ug/L	U			25	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	621-64-7	N-Nitrosodi-n-propylamine	9.4	ug/L	U			370	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	86-30-6	N-Nitrosodiphenylamine	9.4	ug/L	U			12	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	87-86-5	Pentachlorophenol	9.4	ug/L	U			53	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	85-01-8	Phenanthrene	9.4	ug/L	U			1800	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	108-95-2	Phenol	9.4	ug/L	U			5800	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	8270	129-00-0	Pyrene	9.4	ug/L	U			110	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	METALS	7440-36-0	Antimony, Dissolved	50	ug/L	U			7.8	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	METALS	7440-38-2	Arsenic, Dissolved	6.8	ug/L				6300	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	METALS	7440-39-3	Barium, Dissolved	37.5	ug/L				4000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	METALS	7440-41-7	Beryllium, Dissolved	5	ug/L	U			270000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	METALS	7440-43-9	Cadmium, Dissolved	5	ug/L	U			130000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	METALS	7440-47-3	Chromium, Dissolved	10	ug/L	U			30000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	METALS	7440-50-8	Copper, Dissolved	10	ug/L	U			5400000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	METALS	7439-89-6	Iron, Dissolved	188	ug/L				14000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	METALS	7439-92-1	Lead, Dissolved	3	ug/L	U			15	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	METALS	7439-96-5	Manganese, Dissolved	14.2	ug/L				3200000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	METALS	7439-97-6	Mercury, Dissolved	0.2	ug/L	U			11	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	METALS	7440-02-0	Nickel, Dissolved	10	ug/L	U			400	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	METALS	7782-49-2	Selenium, Dissolved	5	ug/L	U			100	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	METALS	7440-22-4	Silver, Dissolved	10	ug/L	U			1100000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	METALS	7440-28-0	Thallium, Dissolved	5	ug/L	U			0.2	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	METALS	7440-66-6	Zinc, Dissolved	10	ug/L	U			6000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	NWTPH-Dx	TPH-D	Diesel Range Organics	240	ug/L	U			100	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	NWTPH-Dx	MOIL	Residual Range Organics	710	ug/L	U			300	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	100	ug/L	U			14000	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	PCBS	12674-11-2	Aroclor-1016	0.94	ug/L	U			75	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	PCBS	11104-28-2	Aroclor-1221	0.94	ug/L	U			2.3	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	PCBS	11141-16-5	Aroclor-1232	0.94	ug/L	U			0.71	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	PCBS	53469-21-9	Aroclor-1242	0.94	ug/L	U			5.8	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	PCBS	12672-29-6	Aroclor-1248	0.94	ug/L	U			1.2	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	PCBS	11097-69-1	Aroclor-1254	0.94	ug/L	U			7.2	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	PCBS	11096-82-5	Aroclor-1260	0.94	ug/L	U			1.6	
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	94	ug/L	U				
MW-02	723519.761	7834856.862	7/12/1999	22.21 - 32.21	WG	N	990712BIL07GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	56.4	ug/L	U				
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8081 Pest	72-54-8	4,4'-DDD	0.095	ug/L	UJ			3.2	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8081 Pest	72-55-9	4,4'-DDE	0.095	ug/L	UJ			310	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8081 Pest	50-29-3	4,4'-DDT	0.095	ug/L	UJ			0.23	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8081 Pest	309-00-2	Aldrin	0.048	ug/L	UJ			3.5	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8081 Pest	319-84-6	alpha-BHC	0.048	ug/L	UJ			18	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8081 Pest	5103-71-9	alpha-Chlordane	0.048	ug/L	UJ			0.45	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8081 Pest	319-85-7	beta-BHC	0.048	ug/L	UJ			0.025	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8081 Pest	319-86-8	delta-BHC	0.048	ug/L	UJ			0.0072	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8081 Pest	60-57-1	Dieldrin	0.095	ug/L	UJ			2.4	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8081 Pest	959-98-8	Endosulfan I	0.048	ug/L	UJ			98	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8081 Pest	33213-65-9	Endosulfan II	0.095	ug/L	UJ			98	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.095	ug/L	UJ			98	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8081 Pest	72-20-8	Endrin	0.095	ug/L	UJ			170	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8081 Pest	7421-93-4	Endrin aldehyde	0.095	ug/L	UJ			170	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8081 Pest	53494-70-5	Endrin ketone	0.095	ug/L	UJ			170	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.048	ug/L	UJ			100	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8081 Pest	5103-74-2	gamma-Chlordane	0.048	ug/L	UJ			0.45	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8081 Pest	76-44-8	Heptachlor	0.048	ug/L	UJ			1.8	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.048	ug/L	UJ			3.2	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8081 Pest	72-43-5	Methoxychlor	0.48	ug/L	UJ			37	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8081 Pest	8001-35-2	Toxaphene	0.95	ug/L	UJ			18	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8151	93-76-5	2,4,5-T	0.1	ug/L	U			160	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8151	93-72-1	2,4,5-TP (Silvex)	0.1	ug/L	U			110	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8151	94-75-7	2,4-D	0.25	ug/L	U			77000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8151	94-82-6	2,4-DB	0.5	ug/L	U				
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8151	120-36-5	2,4-DP (Dichloroprop)	0.25	ug/L	U				
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8151	75-99-0	Dalapon	0.5	ug/L	U			600	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8151	1918-00-9	Dicamba	0.1	ug/L	U			570	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8151	88-85-7	Dinoseb	0.5	ug/L	U			15	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8151	94-74-6	MCPA	10	ug/L	U			1700	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8151	93-65-2	MCPP	50	ug/L	U			16	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	1	ug/L	U			36	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	71-55-6	1,1,1-Trichloroethane	1	ug/L	U			53000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	1	ug/L	U			30	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	79-00-5	1,1,2-Trichloroethane	1	ug/L	U			44	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	75-34-3	1,1-Dichloroethane	1	ug/L	U			55	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	75-35-4	1,1-Dichloroethene	1	ug/L	U			1300	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	563-58-6	1,1-Dichloropropene	1	ug/L	U			40	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	87-61-6	1,2,3-Trichlorobenzene	5	ug/L	U			7	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	96-18-4	1,2,3-Trichloropropane	1	ug/L	U			200	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	120-82-1	1,2,4-Trichlorobenzene	5	ug/L	U			380	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	95-63-6	1,2,4-Trimethylbenzene	1	ug/L	U			2400	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	3	ug/L	U			0.34	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	106-93-4	1,2-Dibromoethane (EDB)	1	ug/L	U			1.5	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	95-50-1	1,2-Dichlorobenzene	2	ug/L	U			25000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	107-06-2	1,2-Dichloroethane	1	ug/L	U			18	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	78-87-5	1,2-Dichloropropane	1	ug/L	U			52	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	108-67-8	1,3,5-Trimethylbenzene	1	ug/L	U			1700	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	541-73-1	1,3-Dichlorobenzene	2	ug/L	U			25	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	142-28-9	1,3-Dichloropropane	1	ug/L	U			370	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	106-46-7	1,4-Dichlorobenzene	2	ug/L	U			25	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	594-20-7	2,2-Dichloropropane	1	ug/L	U			52	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	110-75-8	2-Chloroethyl vinyl ether	10	ug/L	U				
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	95-49-8	2-Chlorotoluene	1	ug/L	U			240	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	591-78-6	2-Hexanone	10	ug/L	U			72000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	106-43-4	4-Chlorotoluene	1	ug/L	U			250	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	67-64-1	Acetone	10	ug/L	U			18000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	71-43-2	Benzene	1	ug/L	U			12	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	108-86-1	Bromobenzene	1	ug/L	U			6300	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	74-97-5	Bromochloromethane	1	ug/L	U			450	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	75-27-4	Bromodichloromethane	1	ug/L	U			6.9	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	75-25-2	Bromoform	3	ug/L	U			1100	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	75-15-0	Carbon disulfide	10	ug/L	U			8200	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	56-23-5	Carbon tetrachloride	1	ug/L	U			3.1	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	108-90-7	Chlorobenzene	1	ug/L	U			3400	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	75-00-3	Chloroethane	1	ug/L	U			57000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	67-66-3	Chloroform	1	ug/L	U			5.9	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	74-87-3	Chloromethane	5	ug/L	U			1500	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	156-59-2	cis-1,2-Dichloroethene	1	ug/L	U			1800	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	10061-01-5	cis-1,3-Dichloropropene	3	ug/L	U			40	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	124-48-1	Dibromochloromethane	2	ug/L	U			610	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	74-95-3	Dibromomethane	1	ug/L	U			950	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	75-71-8	Dichlorodifluoromethane	1	ug/L	U			41	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	100-41-4	Ethylbenzene	1	ug/L	U			31	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	87-68-3	Hexachlorobutadiene	3	ug/L	U			3.3	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	98-82-8	Isopropylbenzene	1	ug/L	U			9100	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	78-93-3	MEK (2-Butanone)	10	ug/L	U			17000000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	75-09-2	Methylene chloride	5	ug/L	U			15000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	10	ug/L	U			4600000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	91-20-3	Naphthalene	5	ug/L	U			20	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	104-51-8	n-Butylbenzene	1	ug/L	U			1000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	103-65-1	n-Propylbenzene	1	ug/L	U			22000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	95-47-6	o-Xylene	1	ug/L	U			4300	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	99-87-6	p-Cymene	2	ug/L	U			9100	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	135-98-8	sec-Butylbenzene	1	ug/L	U			2000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	100-42-5	Styrene	1	ug/L	U			84000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	98-06-6	tert-Butylbenzene	1	ug/L	U			690	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	127-18-4	Tetrachloroethene	1	ug/L	U			130	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	108-88-3	Toluene	1	ug/L	U			150000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	156-60-5	trans-1,2-Dichloroethene	1	ug/L	U			457	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	10061-02-6	trans-1,3-Dichloropropene	3	ug/L	U			21	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	79-01-6	Trichloroethene	1	ug/L	U			7.4	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	75-69-4	Trichlorofluoromethane	1	ug/L	U			160000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	108-05-4	Vinyl acetate	10	ug/L	U			80000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8260	75-01-4	Vinyl chloride	1	ug/L	U			3.3	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	95-95-4	2,4,5-Trichlorophenol	48	ug/L	U			1200	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	88-06-2	2,4,6-Trichlorophenol	9.6	ug/L	U			1700	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	120-83-2	2,4-Dichlorophenol	9.6	ug/L	U			46	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	105-67-9	2,4-Dimethylphenol	9.6	ug/L	U			360	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	51-28-5	2,4-Dinitrophenol	48	ug/L	U			39	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	121-14-2	2,4-Dinitrotoluene	9.6	ug/L	U			0.24	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	606-20-2	2,6-Dinitrotoluene	9.6	ug/L	U			830	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	91-58-7	2-Chloronaphthalene	9.6	ug/L	U			750	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	95-57-8	2-Chlorophenol	9.6	ug/L	U			91	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	91-57-6	2-Methylnaphthalene	9.6	ug/L	U			36	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	95-48-7	2-Methylphenol	9.6	ug/L	U			930	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	88-74-4	2-Nitroaniline	48	ug/L	U			190	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	88-75-5	2-Nitrophenol	9.6	ug/L	U			5800	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	91-94-1	3,3'-Dichlorobenzidine	19	ug/L	U			0.17	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	99-09-2	3-Nitroaniline	48	ug/L	U			190	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	48	ug/L	U			1.5	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	101-55-3	4-Bromophenyl phenyl ether	9.6	ug/L	U				
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	59-50-7	4-Chloro-3-methylphenol	9.6	ug/L	U			1400	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	106-47-8	4-Chloroaniline	9.6	ug/L	U			0.37	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	9.6	ug/L	U				
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	106-44-5	4-Methylphenol	9.6	ug/L	U			370	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	100-01-6	4-Nitroaniline	48	ug/L	U			3.8	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	100-02-7	4-Nitrophenol	48	ug/L	U			5800	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	83-32-9	Acenaphthene	9.6	ug/L	U			510	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	208-96-8	Acenaphthylene	9.6	ug/L	U			20	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	62-53-3	Aniline	9.6	ug/L	U			13	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	120-12-7	Anthracene	9.6	ug/L	U			1800	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	92-87-5	Benzidine	96	ug/L	U			17	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	56-55-3	Benzo(a)anthracene	9.6	ug/L	U			2300	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	50-32-8	Benzo(a)pyrene	9.6	ug/L	U			0.025	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	205-99-2	Benzo(b)fluoranthene	9.6	ug/L	U			0.25	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	191-24-2	Benzo(g,h,i)perylene	9.6	ug/L	U			120	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	207-08-9	Benzo(k)fluoranthene	9.6	ug/L	U			2.5	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	65-85-0	Benzoic acid	48	ug/L	U			75000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	100-51-6	Benzyl alcohol	9.6	ug/L	U			2000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	111-91-1	Bis (2-chloroethoxy) methane	9.6	ug/L	U			59	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	111-44-4	Bis (2-chloroethyl) ether	9.6	ug/L	U			140	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	19	ug/L	U			5.6	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	9.6	ug/L	U			710	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	85-68-7	Butyl benzylphthalate	9.6	ug/L	U			16	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	86-74-8	Carbazole	9.6	ug/L	U			7.9	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	218-01-9	Chrysene	9.6	ug/L	U			25	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	53-70-3	Dibenzo(a,h)anthracene	9.6	ug/L	U			0.025	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	132-64-9	Dibenzofuran	9.6	ug/L	U			7.9	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	84-66-2	Diethyl phthalate	9.6	ug/L	U			15000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	131-11-3	Dimethyl phthalate	9.6	ug/L	U			15000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	84-74-2	Di-n-butylphthalate	9.6	ug/L	U			900	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	117-84-0	Di-n-octylphthalate	9.6	ug/L	U			200	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	206-44-0	Fluoranthene	9.6	ug/L	U			800	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	86-73-7	Fluorene	9.6	ug/L	U			280	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	118-74-1	Hexachlorobenzene	9.6	ug/L	U			1.3	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	77-47-4	Hexachlorocyclopentadiene	9.6	ug/L	U			48	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	67-72-1	Hexachloroethane	9.6	ug/L	U			7	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	9.6	ug/L	U			0.25	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	78-59-1	Isophorone	9.6	ug/L	U			78	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	98-95-3	Nitrobenzene	9.6	ug/L	U			800	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	62-75-9	N-Nitrosodimethylamine	9.6	ug/L	U			25	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	621-64-7	N-Nitrosodi-n-propylamine	9.6	ug/L	U			370	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	86-30-6	N-Nitrosodiphenylamine	9.6	ug/L	U			12	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	87-86-5	Pentachlorophenol	9.6	ug/L	U			53	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	85-01-8	Phenanthrene	9.6	ug/L	U			1800	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	108-95-2	Phenol	9.6	ug/L	U			5800	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	8270	129-00-0	Pyrene	9.6	ug/L	U			110	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	METALS	7440-36-0	Antimony	50	ug/L	U			7.8	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	METALS	7440-38-2	Arsenic	6	ug/L				6300	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	METALS	7440-39-3	Barium	45.7	ug/L				4000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	METALS	7440-41-7	Beryllium	5	ug/L	U			270000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	METALS	7440-43-9	Cadmium	5	ug/L	U			130000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	METALS	7440-47-3	Chromium	10	ug/L	U			30000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	METALS	7440-50-8	Copper	10	ug/L	U			5400000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	METALS	7439-89-6	Iron	508	ug/L				14000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	METALS	7439-92-1	Lead	3	ug/L	U			15	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	METALS	7439-96-5	Manganese	39.3	ug/L				3200000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	METALS	7439-97-6	Mercury	0.2	ug/L	U			11	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	METALS	7440-02-0	Nickel	10	ug/L	U			400	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	METALS	7782-49-2	Selenium	5	ug/L	U			100	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	METALS	7440-22-4	Silver	10	ug/L	U			1100000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	METALS	7440-28-0	Thallium	5	ug/L	U			0.2	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	METALS	7440-66-6	Zinc	10	ug/L	U			6000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	NWTPH-Dx	TPH-D	Diesel Range Organics	240	ug/L	U			100	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	NWTPH-Dx	MOIL	Residual Range Organics	710	ug/L	U			300	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	100	ug/L	U			14000	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	PCBS	12674-11-2	Aroclor-1016	0.95	ug/L	UJ			75	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	PCBS	11104-28-2	Aroclor-1221	0.95	ug/L	UJ			2.3	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	PCBS	11141-16-5	Aroclor-1232	0.95	ug/L	UJ			0.71	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	PCBS	53469-21-9	Aroclor-1242	0.95	ug/L	UJ			5.8	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	PCBS	12672-29-6	Aroclor-1248	0.95	ug/L	UJ			1.2	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	PCBS	11097-69-1	Aroclor-1254	0.95	ug/L	UJ			7.2	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	PCBS	11096-82-5	Aroclor-1260	0.95	ug/L	UJ			1.6	
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	96	ug/L	U				
MW-02	723519.761	7834856.862	11/8/1999	22.21 - 32.21	WG	N	991108BIL12GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	57.6	ug/L	U				
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8081 Pest	72-54-8	4,4'-DDD	0.1	ug/L	U			3.2	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8081 Pest	72-55-9	4,4'-DDE	0.1	ug/L	U			310	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8081 Pest	50-29-3	4,4'-DDT	0.1	ug/L	U			0.23	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8081 Pest	309-00-2	Aldrin	0.05	ug/L	U			3.5	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8081 Pest	319-84-6	alpha-BHC	0.05	ug/L	U			18	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8081 Pest	5103-71-9	alpha-Chlordane	0.05	ug/L	U			0.45	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8081 Pest	319-85-7	beta-BHC	0.05	ug/L	U			0.025	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8081 Pest	319-86-8	delta-BHC	0.05	ug/L	U			0.0072	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8081 Pest	60-57-1	Dieldrin	0.1	ug/L	U			2.4	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8081 Pest	959-98-8	Endosulfan I	0.05	ug/L	U			98	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8081 Pest	33213-65-9	Endosulfan II	0.1	ug/L	U			98	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.1	ug/L	U			98	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8081 Pest	72-20-8	Endrin	0.1	ug/L	U			170	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8081 Pest	7421-93-4	Endrin aldehyde	0.1	ug/L	U			170	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8081 Pest	53494-70-5	Endrin ketone	0.1	ug/L	U			170	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.05	ug/L	U			100	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8081 Pest	5103-74-2	gamma-Chlordane	0.05	ug/L	U			0.45	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8081 Pest	76-44-8	Heptachlor	0.05	ug/L	U			1.8	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.05	ug/L	U			3.2	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8081 Pest	72-43-5	Methoxychlor	0.5	ug/L	U			37	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8081 Pest	8001-35-2	Toxaphene	1	ug/L	U			18	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8151	93-76-5	2,4,5-T	0.15	ug/L	U			160	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8151	93-72-1	2,4,5-TP (Silvex)	0.1	ug/L	U			110	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8151	94-75-7	2,4-D	1	ug/L	U			77000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8151	94-82-6	2,4-DB	0.5	ug/L	U				
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8151	120-36-5	2,4-DP (Dichloroprop)	0.25	ug/L	U				
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8151	75-99-0	Dalapon	2	ug/L	U			600	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8151	1918-00-9	Dicamba	0.1	ug/L	U			570	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8151	88-85-7	Dinoseb	0.5	ug/L	U			15	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8151	94-74-6	MCPA	50	ug/L	U			1700	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8151	93-65-2	MCPP	50	ug/L	U			16	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	1	ug/L	U			36	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	71-55-6	1,1,1-Trichloroethane	1	ug/L	U			53000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	1	ug/L	U			30	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	79-00-5	1,1,2-Trichloroethane	1	ug/L	U			44	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	75-34-3	1,1-Dichloroethane	1	ug/L	U			55	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	75-35-4	1,1-Dichloroethene	1	ug/L	U			1300	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	563-58-6	1,1-Dichloropropene	1	ug/L	U			40	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	87-61-6	1,2,3-Trichlorobenzene	5	ug/L	U			7	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	96-18-4	1,2,3-Trichloropropane	1	ug/L	U			200	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	120-82-1	1,2,4-Trichlorobenzene	5	ug/L	U			380	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	95-63-6	1,2,4-Trimethylbenzene	1	ug/L	U			2400	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	3	ug/L	U			0.34	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	106-93-4	1,2-Dibromoethane (EDB)	1	ug/L	U			1.5	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	95-50-1	1,2-Dichlorobenzene	2	ug/L	U			25000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	107-06-2	1,2-Dichloroethane	1	ug/L	U			18	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	78-87-5	1,2-Dichloropropane	1	ug/L	U			52	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	108-67-8	1,3,5-Trimethylbenzene	1	ug/L	U			1700	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	541-73-1	1,3-Dichlorobenzene	2	ug/L	U			25	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	142-28-9	1,3-Dichloropropane	1	ug/L	U			370	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	106-46-7	1,4-Dichlorobenzene	2	ug/L	U			25	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	594-20-7	2,2-Dichloropropane	1	ug/L	U			52	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	110-75-8	2-Chloroethyl vinyl ether	10	ug/L	U				
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	95-49-8	2-Chlorotoluene	1	ug/L	U			240	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	591-78-6	2-Hexanone	10	ug/L	U			72000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	106-43-4	4-Chlorotoluene	1	ug/L	U			250	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	67-64-1	Acetone	10	ug/L	U			18000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	71-43-2	Benzene	1	ug/L	U			12	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	108-86-1	Bromobenzene	1	ug/L	U			6300	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	74-97-5	Bromochloromethane	1	ug/L	U			450	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	75-27-4	Bromodichloromethane	1	ug/L	U			6.9	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	75-25-2	Bromoform	3	ug/L	U			1100	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	75-15-0	Carbon disulfide	10	ug/L	U			8200	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	56-23-5	Carbon tetrachloride	1	ug/L	U			3.1	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	108-90-7	Chlorobenzene	1	ug/L	U			3400	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	75-00-3	Chloroethane	1	ug/L	U			57000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	67-66-3	Chloroform	1	ug/L	U			5.9	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	74-87-3	Chloromethane	5	ug/L	U			1500	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	156-59-2	cis-1,2-Dichloroethene	1	ug/L	U			1800	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	10061-01-5	cis-1,3-Dichloropropene	3	ug/L	U			40	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	124-48-1	Dibromochloromethane	2	ug/L	U			610	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	74-95-3	Dibromomethane	1	ug/L	U			950	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	75-71-8	Dichlorodifluoromethane	1	ug/L	U			41	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	100-41-4	Ethylbenzene	1	ug/L	U			31	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	87-68-3	Hexachlorobutadiene	3	ug/L	U			3.3	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	98-82-8	Isopropylbenzene	1	ug/L	U			9100	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	78-93-3	MEK (2-Butanone)	10	ug/L	U			17000000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	75-09-2	Methylene chloride	5	ug/L	U			15000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	10	ug/L	U			4600000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	91-20-3	Naphthalene	5	ug/L	U			20	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	104-51-8	n-Butylbenzene	1	ug/L	U			1000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	103-65-1	n-Propylbenzene	1	ug/L	U			22000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	95-47-6	o-Xylene	1	ug/L	U			4300	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	99-87-6	p-Cymene	2	ug/L	U			9100	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	135-98-8	sec-Butylbenzene	1	ug/L	U			2000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	100-42-5	Styrene	1	ug/L	U			84000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	98-06-6	tert-Butylbenzene	1	ug/L	U			690	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	127-18-4	Tetrachloroethene	1	ug/L	U			130	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	108-88-3	Toluene	1	ug/L	U			150000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	156-60-5	trans-1,2-Dichloroethene	1	ug/L	U			457	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	10061-02-6	trans-1,3-Dichloropropene	3	ug/L	U			21	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	79-01-6	Trichloroethene	1	ug/L	U			7.4	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	75-69-4	Trichlorofluoromethane	1	ug/L	U			160000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	108-05-4	Vinyl acetate	10	ug/L	U			80000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8260	75-01-4	Vinyl chloride	1	ug/L	U			3.3	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	95-95-4	2,4,5-Trichlorophenol	25	ug/L	U			1200	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	88-06-2	2,4,6-Trichlorophenol	10	ug/L	U			1700	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	120-83-2	2,4-Dichlorophenol	10	ug/L	U			46	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	105-67-9	2,4-Dimethylphenol	10	ug/L	U			360	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	51-28-5	2,4-Dinitrophenol	25	ug/L	U			39	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	121-14-2	2,4-Dinitrotoluene	10	ug/L	U			0.24	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	606-20-2	2,6-Dinitrotoluene	10	ug/L	U			830	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	91-58-7	2-Chloronaphthalene	10	ug/L	U			750	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	95-57-8	2-Chlorophenol	10	ug/L	U			91	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	91-57-6	2-Methylnaphthalene	10	ug/L	U			36	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	95-48-7	2-Methylphenol	10	ug/L	U			930	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	88-74-4	2-Nitroaniline	25	ug/L	U			190	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	88-75-5	2-Nitrophenol	10	ug/L	U			5800	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	91-94-1	3,3'-Dichlorobenzidine	10	ug/L	U			0.17	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	99-09-2	3-Nitroaniline	25	ug/L	U			190	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	25	ug/L	U			1.5	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	101-55-3	4-Bromophenyl phenyl ether	10	ug/L	U				
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	59-50-7	4-Chloro-3-methylphenol	10	ug/L	U			1400	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	106-47-8	4-Chloroaniline	10	ug/L	U			0.37	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	10	ug/L	U				
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	106-44-5	4-Methylphenol	10	ug/L	U			370	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	100-01-6	4-Nitroaniline	25	ug/L	U			3.8	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	100-02-7	4-Nitrophenol	10	ug/L	U			5800	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	83-32-9	Acenaphthene	10	ug/L	U			510	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	208-96-8	Acenaphthylene	10	ug/L	U			20	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	62-53-3	Aniline	10	ug/L	U			13	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	120-12-7	Anthracene	10	ug/L	U			1800	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	92-87-5	Benzidine	10	ug/L	U			17	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	56-55-3	Benzo(a)anthracene	10	ug/L	U			2300	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	50-32-8	Benzo(a)pyrene	10	ug/L	U			0.025	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	205-99-2	Benzo(b)fluoranthene	10	ug/L	U			0.25	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	191-24-2	Benzo(g,h,i)perylene	10	ug/L	U			120	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	207-08-9	Benzo(k)fluoranthene	10	ug/L	U			2.5	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	65-85-0	Benzoic acid	10	ug/L	U			75000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	100-51-6	Benzyl alcohol	10	ug/L	U			2000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	111-91-1	Bis (2-chloroethoxy) methane	10	ug/L	U			59	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	111-44-4	Bis (2-chloroethyl) ether	10	ug/L	U			140	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	19	ug/L				5.6	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	10	ug/L	U			710	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	85-68-7	Butyl benzylphthalate	10	ug/L	U			16	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	86-74-8	Carbazole	10	ug/L	U			7.9	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	218-01-9	Chrysene	10	ug/L	U			25	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	53-70-3	Dibenzo(a,h)anthracene	10	ug/L	U			0.025	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	132-64-9	Dibenzofuran	10	ug/L	U			7.9	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	84-66-2	Diethyl phthalate	10	ug/L	U			15000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	131-11-3	Dimethyl phthalate	10	ug/L	U			15000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	84-74-2	Di-n-butylphthalate	10	ug/L	U			900	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	117-84-0	Di-n-octylphthalate	10	ug/L	U			200	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	206-44-0	Fluoranthene	10	ug/L	U			800	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	86-73-7	Fluorene	10	ug/L	U			280	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	118-74-1	Hexachlorobenzene	10	ug/L	U			1.3	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	77-47-4	Hexachlorocyclopentadiene	10	ug/L	U			48	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	67-72-1	Hexachloroethane	10	ug/L	U			7	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	10	ug/L	U			0.25	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	78-59-1	Isophorone	10	ug/L	U			78	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	98-95-3	Nitrobenzene	10	ug/L	U			800	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	62-75-9	N-Nitrosodimethylamine	10	ug/L	U			25	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	621-64-7	N-Nitrosodi-n-propylamine	10	ug/L	U			370	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	86-30-6	N-Nitrosodiphenylamine	10	ug/L	U			12	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	87-86-5	Pentachlorophenol	25	ug/L	U			53	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	85-01-8	Phenanthrene	10	ug/L	U			1800	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	108-95-2	Phenol	10	ug/L	U			5800	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	8270	129-00-0	Pyrene	10	ug/L	U			110	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	METALS	7440-36-0	Antimony	50	ug/L	U			7.8	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	METALS	7440-38-2	Arsenic	7	ug/L				6300	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	METALS	7440-39-3	Barium	42.6	ug/L				4000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	METALS	7440-41-7	Beryllium	5	ug/L	U			270000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	METALS	7440-43-9	Cadmium	5	ug/L	U			130000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	METALS	7440-47-3	Chromium	10	ug/L	U			30000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	METALS	7440-50-8	Copper	10	ug/L	U			5400000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	METALS	7439-89-6	Iron	238	ug/L				14000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	METALS	7439-92-1	Lead	3	ug/L	U			15	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	METALS	7439-96-5	Manganese	14.6	ug/L				3200000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	METALS	7439-97-6	Mercury	0.2	ug/L	U			11	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	METALS	7440-02-0	Nickel	10	ug/L	U			400	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	METALS	7782-49-2	Selenium	5	ug/L	U			100	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	METALS	7440-22-4	Silver	10	ug/L	U			1100000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	METALS	7440-28-0	Thallium	5	ug/L	U			0.2	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	METALS	7440-66-6	Zinc	10	ug/L	U			6000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	NWTPH-Dx	TPH-D	Diesel Range Organics	250	ug/L	U			100	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	NWTPH-Dx	MOIL	Residual Range Organics	750	ug/L	U			300	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	100	ug/L	U			14000	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	PCBS	12674-11-2	Aroclor-1016	1	ug/L	U			75	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	PCBS	11104-28-2	Aroclor-1221	1	ug/L	U			2.3	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	PCBS	11141-16-5	Aroclor-1232	1	ug/L	U			0.71	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	PCBS	53469-21-9	Aroclor-1242	1	ug/L	U			5.8	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	PCBS	12672-29-6	Aroclor-1248	1	ug/L	U			1.2	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	PCBS	11097-69-1	Aroclor-1254	1	ug/L	U			7.2	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	PCBS	11096-82-5	Aroclor-1260	1	ug/L	U			1.6	
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	100	ug/L	U				
MW-02	723519.761	7834856.862	1/10/2000	22.21 - 32.21	WG	N	000110BIL15GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	60	ug/L	U				
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8081 Pest	72-54-8	4,4'-DDD	0.000458	ug/L	UJ			3.2	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8081 Pest	72-55-9	4,4'-DDE	0.00038	ug/L	UJ			310	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8081 Pest	50-29-3	4,4'-DDT	0.000486	ug/L	UJ			0.23	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8081 Pest	309-00-2	Aldrin	0.000111	ug/L	UJ			3.5	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8081 Pest	319-84-6	alpha-BHC	0.000358	ug/L	UJ			18	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8081 Pest	319-85-7	beta-BHC	0.000415	ug/L	UJ			0.025	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8081 Pest	319-86-8	delta-BHC	0.000228	ug/L	UJ			0.0072	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8081 Pest	60-57-1	Dieldrin	0.000294	ug/L	UJ			2.4	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8081 Pest	959-98-8	Endosulfan I	0.000485	ug/L	UJ			98	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8081 Pest	33213-65-9	Endosulfan II	0.000368	ug/L	UJ			98	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.000523	ug/L	UJ			98	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8081 Pest	72-20-8	Endrin	0.000301	ug/L	UJ			170	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8081 Pest	7421-93-4	Endrin aldehyde	0.000947	ug/L	UJ			170	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8081 Pest	53494-70-5	Endrin ketone	0.000335	ug/L	UJ			170	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.0007	ug/L	UJ			100	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8081 Pest	76-44-8	Heptachlor	0.000733	ug/L	UJ			1.8	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.000364	ug/L	UJ			3.2	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8081 Pest	72-43-5	Methoxychlor	0.000522	ug/L	UJ			37	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8081 Pest	12789-03-6	technical-Chlordane	0.00312	ug/L	UJ			670	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8081 Pest	8001-35-2	Toxaphene	0.0113	ug/L	UJ			18	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8082	12674-11-2	Aroclor-1016	0.00199	ug/L	U			75	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8082	11104-28-2	Aroclor-1221	0.00496	ug/L	U			2.3	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8082	11141-16-5	Aroclor-1232	0.00236	ug/L	U			0.71	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8082	53469-21-9	Aroclor-1242	0.00327	ug/L	U			5.8	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8082	12672-29-6	Aroclor-1248	0.00155	ug/L	U			1.2	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8082	11097-69-1	Aroclor-1254	0.00199	ug/L	U			7.2	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8082	11096-82-5	Aroclor-1260	0.00109	ug/L	U			1.6	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8151	93-76-5	2,4,5-T	0.0566	ug/L	U			160	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8151	93-72-1	2,4,5-TP (Silvex)	0.0227	ug/L	U			110	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8151	94-75-7	2,4-D	0.0296	ug/L	U			77000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8151	94-82-6	2,4-DB	0.0577	ug/L	U				
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8151	120-36-5	2,4-DP (Dichloroprop)	0.0114	ug/L	U				
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8151	100-02-7	4-Nitrophenol	0.0114	ug/L	U			5800	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8151	75-99-0	Dalapon	0.0124	ug/L	U			600	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8151	1918-00-9	Dicamba	0.0221	ug/L	U			570	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8151	88-85-7	Dinoseb	0.0292	ug/L	U			15	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8151	94-74-6	MCPA	0.0114	ug/L	U			1700	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8151	93-65-2	MCPP	0.0134	ug/L	U			16	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.5	ug/L	U			36	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	71-55-6	1,1,1-Trichloroethane	0.5	ug/L	U			53000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.5	ug/L	U			30	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	79-00-5	1,1,2-Trichloroethane	0.5	ug/L	U			44	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	75-34-3	1,1-Dichloroethane	0.5	ug/L	U			55	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	75-35-4	1,1-Dichloroethene	0.5	ug/L	U			1300	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	563-58-6	1,1-Dichloropropene	0.5	ug/L	U			40	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	87-61-6	1,2,3-Trichlorobenzene	0.5	ug/L	U			7	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	96-18-4	1,2,3-Trichloropropane	0.5	ug/L	U			200	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	95-63-6	1,2,4-Trimethylbenzene	0.5	ug/L	U			2400	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	106-93-4	1,2-Dibromoethane (EDB)	0.5	ug/L	U			1.5	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	107-06-2	1,2-Dichloroethane	0.5	ug/L	U			18	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	78-87-5	1,2-Dichloropropane	0.5	ug/L	U			52	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	108-67-8	1,3,5-Trimethylbenzene	0.5	ug/L	U			1700	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	142-28-9	1,3-Dichloropropane	0.5	ug/L	U			370	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	594-20-7	2,2-Dichloropropane	0.5	ug/L	U			52	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	95-49-8	2-Chlorotoluene	0.5	ug/L	U			240	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	591-78-6	2-Hexanone	2.5	ug/L	U			72000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	106-43-4	4-Chlorotoluene	0.5	ug/L	U			250	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	67-64-1	Acetone	2.5	ug/L	U			18000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	71-43-2	Benzene	0.5	ug/L	U			12	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	108-86-1	Bromobenzene	0.5	ug/L	U			6300	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	74-97-5	Bromochloromethane	0.5	ug/L	U			450	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	75-27-4	Bromodichloromethane	0.5	ug/L	U			6.9	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	75-25-2	Bromoform	0.5	ug/L	U			1100	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	56-23-5	Carbon tetrachloride	0.5	ug/L	U			3.1	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	108-90-7	Chlorobenzene	0.5	ug/L	U			3400	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	75-00-3	Chloroethane	0.5	ug/L	U			57000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	67-66-3	Chloroform	0.5	ug/L	U			5.9	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	74-87-3	Chloromethane	0.5	ug/L	U			1500	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	156-59-2	cis-1,2-Dichloroethene	0.5	ug/L	U			1800	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	10061-01-5	cis-1,3-Dichloropropene	0.5	ug/L	U			40	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	124-48-1	Dibromochloromethane	0.5	ug/L	U			610	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	74-95-3	Dibromomethane	0.5	ug/L	U			950	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	75-71-8	Dichlorodifluoromethane	0.5	ug/L	U			41	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	100-41-4	Ethylbenzene	0.5	ug/L	U			31	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	98-82-8	Isopropylbenzene	0.5	ug/L	U			9100	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	75-09-2	Methylene chloride	0.5	ug/L	U			15000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	2.5	ug/L	U			4600000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	104-51-8	n-Butylbenzene	0.5	ug/L	U			1000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	103-65-1	n-Propylbenzene	0.5	ug/L	U			22000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	95-47-6	o-Xylene	0.5	ug/L	U			4300	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	99-87-6	p-Cymene	0.5	ug/L	U			9100	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	135-98-8	sec-Butylbenzene	0.5	ug/L	U			2000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	100-42-5	Styrene	0.5	ug/L	U			84000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	98-06-6	tert-Butylbenzene	0.5	ug/L	U			690	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	108-88-3	Toluene	0.5	ug/L	U			150000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	156-60-5	trans-1,2-Dichloroethene	0.5	ug/L	U			457	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	10061-02-6	trans-1,3-Dichloropropene	0.5	ug/L	U			21	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	79-01-6	Trichloroethene	0.5	ug/L	U			7.4	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	75-69-4	Trichlorofluoromethane	0.5	ug/L	U			160000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	108-05-4	Vinyl acetate	2.5	ug/L	U			80000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8260	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	120-82-1	1,2,4-Trichlorobenzene	0.0197	ug/L	U			380	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	95-50-1	1,2-Dichlorobenzene	0.0197	ug/L	U			25000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	541-73-1	1,3-Dichlorobenzene	0.0209	ug/L	U			25	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	106-46-7	1,4-Dichlorobenzene	0.0185	ug/L	U			25	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	95-95-4	2,4,5-Trichlorophenol	0.0135	ug/L	U			1200	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	88-06-2	2,4,6-Trichlorophenol	0.0148	ug/L	U			1700	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	120-83-2	2,4-Dichlorophenol	0.0185	ug/L	U			46	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	105-67-9	2,4-Dimethylphenol	0.0185	ug/L	U			360	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	51-28-5	2,4-Dinitrophenol	0.0369	ug/L	U			39	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	121-14-2	2,4-Dinitrotoluene	0.016	ug/L	U			0.24	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	606-20-2	2,6-Dinitrotoluene	0.0246	ug/L	U			830	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	91-58-7	2-Chloronaphthalene	0.00185	ug/L	U			750	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	95-57-8	2-Chlorophenol	0.0209	ug/L	U			91	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	91-57-6	2-Methylnaphthalene	0.0185	ug/L	U			36	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	95-48-7	2-Methylphenol	0.0296	ug/L	U			930	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	88-74-4	2-Nitroaniline	0.0222	ug/L	U			190	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	88-75-5	2-Nitrophenol	0.0271	ug/L	U			5800	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	91-94-1	3,3'-Dichlorobenzidine	0.0443	ug/L	U			0.17	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	99-09-2	3-Nitroaniline	0.0406	ug/L	U			190	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.0271	ug/L	U			1.5	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	101-55-3	4-Bromophenyl phenyl ether	0.0148	ug/L	U				
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	59-50-7	4-Chloro-3-methylphenol	0.0665	ug/L	U			1400	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	106-47-8	4-Chloroaniline	0.048	ug/L	U			0.37	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.0185	ug/L	U				
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	106-44-5	4-Methylphenol	0.0283	ug/L	U			370	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	100-01-6	4-Nitroaniline	0.0259	ug/L	U			3.8	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	83-32-9	Acenaphthene	0.00197	ug/L	U			510	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	208-96-8	Acenaphthylene	0.00185	ug/L	U			20	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	62-53-3	Aniline	0.0000616	ug/L	U			13	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	120-12-7	Anthracene	0.00185	ug/L	U			1800	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	92-87-5	Benzidine	0.0296	ug/L	U			17	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	56-55-3	Benzo(a)anthracene	0.00542	ug/L	U			2300	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	50-32-8	Benzo(a)pyrene	0.00579	ug/L	U			0.025	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	191-24-2	Benzo(g,h,i)perylene	0.00419	ug/L	U			120	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	56832-73-6	Benzofluoranthenes, Total	0.00468	ug/L	U				
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	65-85-0	Benzoic acid	0.0246	ug/L	U			75000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	100-51-6	Benzyl alcohol	0.0394	ug/L	U			2000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	111-91-1	Bis (2-chloroethoxy) methane	0.0222	ug/L	U			59	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	111-44-4	Bis (2-chloroethyl) ether	0.0234	ug/L	U			140	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	0.08	ug/L	U			5.6	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.0259	ug/L	U			710	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	85-68-7	Butyl benzylphthalate	0.23	ug/L	U			16	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	86-74-8	Carbazole	0.00345	ug/L	U			7.9	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	218-01-9	Chrysene	0.00308	ug/L	U			25	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	53-70-3	Dibenzo(a,h)anthracene	0.00333	ug/L	U			0.025	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	132-64-9	Dibenzofuran	0.0172	ug/L	U			7.9	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	84-66-2	Diethyl phthalate	0.0714	ug/L	U			15000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	131-11-3	Dimethyl phthalate	0.0197	ug/L	U			15000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	84-74-2	Di-n-butylphthalate	0.284	ug/L	U			900	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	117-84-0	Di-n-octylphthalate	0.0419	ug/L	U			200	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	206-44-0	Fluoranthene	0.00234	ug/L	U			800	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	86-73-7	Fluorene	0.00172	ug/L	U			280	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	118-74-1	Hexachlorobenzene	0.0248	ug/L	U			1.3	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	87-68-3	Hexachlorobutadiene	0.0357	ug/L	U			3.3	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	77-47-4	Hexachlorocyclopentadiene	0.032	ug/L	U			48	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	67-72-1	Hexachloroethane	0.0493	ug/L	U			7	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	0.00369	ug/L	U			0.25	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	78-59-1	Isophorone	0.116	ug/L	J			78	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	91-20-3	Naphthalene	0.00271	ug/L	U			20	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	98-95-3	Nitrobenzene	0.0554	ug/L	U			800	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	62-75-9	N-Nitrosodimethylamine	0.0123	ug/L	U			25	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	621-64-7	N-Nitrosodi-n-propylamine	0.0259	ug/L	U			370	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	86-30-6	N-Nitrosodiphenylamine	0.0406	ug/L	U			12	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	87-86-5	Pentachlorophenol	0.0209	ug/L	U			53	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	85-01-8	Phenanthrene	0.00271	ug/L	U			1800	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	108-95-2	Phenol	0.0394	ug/L	U			5800	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	8270	129-00-0	Pyrene	0.00172	ug/L	U			110	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	Krone	1002-53-5	Dibutyltin	0.447	ug/L	J			6	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	Krone	78763-54-9	Monobutyltin	0.24	ug/L	J			3.7	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	Krone	1461-25-2	Tetrabutyltin	0.0011	ug/L	U			3.7	

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	Krone	688-73-3	Tributyltin	0.0601	ug/L	J			3.7	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	METALS	7440-36-0	Antimony	0.879	ug/L	J			7.8	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	METALS	7440-38-2	Arsenic	7	ug/L				6300	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	METALS	7440-39-3	Barium	64.9	ug/L				4000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	METALS	7440-41-7	Beryllium	0.396	ug/L	J			270000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	METALS	7440-43-9	Cadmium	0.0071	ug/L	U			130000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	METALS	7440-47-3	Chromium	7.43	ug/L				30000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	METALS	7440-50-8	Copper	5.08	ug/L				5400000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	METALS	7439-89-6	Iron	2320	ug/L				14000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	METALS	7439-92-1	Lead	2.78	ug/L				15	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	METALS	7439-96-5	Manganese	71.7	ug/L				3200000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	METALS	7439-97-6	Mercury	0.131	ug/L	U			11	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	METALS	7440-02-0	Nickel	2.11	ug/L				400	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	METALS	7782-49-2	Selenium	0.385	ug/L	U			100	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	METALS	7440-22-4	Silver	0.1	ug/L	U			1100000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	METALS	7440-28-0	Thallium	0.159	ug/L	J			0.2	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	METALS	7440-66-6	Zinc	23.7	ug/L				6000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	NWTPH-Dx	TPH-D	Diesel Range Organics	131	ug/L	J			100	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	NWTPH-Dx	MOIL	Residual Range Organics	351	ug/L	J			300	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	100	ug/L	U			14000	
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.02956	ug/L	U				
MW-02	723519.761	7834856.862	5/1/2002	22.21 - 32.21	WG	N	020501BIL03GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.02922	ug/L	U				
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	300.0	24959-67-9	Bromide	10	ug/L	U				
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	6010B	7440-70-2	Calcium, Dissolved	9510	ug/L					
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	6010B	7439-89-6	Iron	185	ug/L				14000	
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	6010B	7439-89-6	Iron, Dissolved	20.1	ug/L				14000	
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	6010B	7439-95-4	Magnesium, Dissolved	1210	ug/L					
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	6010B	7440-09-7	Potassium, Dissolved	5020	ug/L					
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	6010B	7440-23-5	Sodium, Dissolved	77400	ug/L					
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	6020	7440-38-2	Arsenic	6.93	ug/L				6300	
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	6020	7440-38-2	Arsenic, Dissolved	7.98	ug/L				6300	
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	6020	7439-92-1	Lead	0.397	ug/L				15	
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	6020	7439-92-1	Lead, Dissolved	0.009	ug/L	U			15	
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	6020	7439-96-5	Manganese	6.74	ug/L				3200000	
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	6020	7439-96-5	Manganese, Dissolved	0.12	ug/L				3200000	
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	8270C	106-46-7	1,4-Dichlorobenzene	0.029	ug/L	U			25	
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	8270C	100-02-7	4-Nitrophenol	0.28	ug/L	U			5800	
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	8270C	85-01-8	Phenanthrene	0.022	ug/L	U			1800	
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	8270C	108-95-2	Phenol	0.063	ug/L	U			5800	
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	Krone	1002-53-5	Dibutyltin	0.0081	ug/L	U			6	
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	Krone	78763-54-9	Monobutyltin	0.011	ug/L	U			3.7	
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	NWTPH-Dx	TPH-D	Diesel Range Organics	110	ug/L	U			100	
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	NWTPH-Dx	MOIL	Residual Range Organics	110	ug/L	U			300	
MW-02	723519.761	7834856.862	4/16/2008	22.21 - 32.21	WG	N	080416MW2 GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-02	723519.761	7834856.862	7/15/2008	22.21 - 32.21	WG	N	080715MW2GW	6010B	7439-89-6	Iron	178	ug/L				14000	
MW-02	723519.761	7834856.862	7/15/2008	22.21 - 32.21	WG	N	080715MW2GW	6010B	7439-89-6	Iron, Dissolved	20	ug/L	U			14000	
MW-02	723519.761	7834856.862	7/15/2008	22.21 - 32.21	WG	N	080715MW2GW	6010B	7439-96-5	Manganese	4.5	ug/L	J			3200000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	7/15/2008	22.21 - 32.21	WG	N	080715MW2GW	6010B	7439-96-5	Manganese, Dissolved	1.1	ug/L	J			3200000	
MW-02	723519.761	7834856.862	7/15/2008	22.21 - 32.21	WG	N	080715MW2GW	6020	7440-38-2	Arsenic	9.06	ug/L				6300	
MW-02	723519.761	7834856.862	7/15/2008	22.21 - 32.21	WG	N	080715MW2GW	6020	7440-38-2	Arsenic, Dissolved	9.11	ug/L				6300	
MW-02	723519.761	7834856.862	7/15/2008	22.21 - 32.21	WG	N	080715MW2GW	6020	7439-92-1	Lead	0.556	ug/L				15	
MW-02	723519.761	7834856.862	7/15/2008	22.21 - 32.21	WG	N	080715MW2GW	6020	7439-92-1	Lead, Dissolved	0.052	ug/L	U			15	
MW-02	723519.761	7834856.862	7/15/2008	22.21 - 32.21	WG	N	080715MW2GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-02	723519.761	7834856.862	7/15/2008	22.21 - 32.21	WG	N	080715MW2GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-02	723519.761	7834856.862	7/15/2008	22.21 - 32.21	WG	N	080715MW2GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-02	723519.761	7834856.862	7/15/2008	22.21 - 32.21	WG	N	080715MW2GW	8270C	106-46-7	1,4-Dichlorobenzene	0.029	ug/L	U			25	
MW-02	723519.761	7834856.862	7/15/2008	22.21 - 32.21	WG	N	080715MW2GW	8270C	100-02-7	4-Nitrophenol	0.28	ug/L	U			5800	
MW-02	723519.761	7834856.862	7/15/2008	22.21 - 32.21	WG	N	080715MW2GW	8270C	85-01-8	Phenanthrene	0.022	ug/L	U			1800	
MW-02	723519.761	7834856.862	7/15/2008	22.21 - 32.21	WG	N	080715MW2GW	8270C	108-95-2	Phenol	0.063	ug/L	U			5800	
MW-02	723519.761	7834856.862	7/15/2008	22.21 - 32.21	WG	N	080715MW2GW	Krone	1002-53-5	Dibutyltin	0.0073	ug/L	U			6	
MW-02	723519.761	7834856.862	7/15/2008	22.21 - 32.21	WG	N	080715MW2GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	J			3.7	
MW-02	723519.761	7834856.862	7/15/2008	22.21 - 32.21	WG	N	080715MW2GW	NWTPH-Dx	TPH-D	Diesel Range Organics	110	ug/L	U			100	
MW-02	723519.761	7834856.862	7/15/2008	22.21 - 32.21	WG	N	080715MW2GW	NWTPH-Dx	MOIL	Residual Range Organics	110	ug/L	U			300	
MW-02	723519.761	7834856.862	7/15/2008	22.21 - 32.21	WG	N	080715MW2GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-02	723519.761	7834856.862	10/22/2008	22.21 - 32.21	WG	N	081022MW2GW	6010B	7439-89-6	Iron	174	ug/L				14000	
MW-02	723519.761	7834856.862	10/22/2008	22.21 - 32.21	WG	N	081022MW2GW	6010B	7439-89-6	Iron, Dissolved	7.5	ug/L	J			14000	
MW-02	723519.761	7834856.862	10/22/2008	22.21 - 32.21	WG	N	081022MW2GW	6020	7440-38-2	Arsenic	8.81	ug/L				6300	
MW-02	723519.761	7834856.862	10/22/2008	22.21 - 32.21	WG	N	081022MW2GW	6020	7440-38-2	Arsenic, Dissolved	8.54	ug/L				6300	
MW-02	723519.761	7834856.862	10/22/2008	22.21 - 32.21	WG	N	081022MW2GW	6020	7439-92-1	Lead	0.343	ug/L				15	
MW-02	723519.761	7834856.862	10/22/2008	22.21 - 32.21	WG	N	081022MW2GW	6020	7439-92-1	Lead, Dissolved	0.023	ug/L	U			15	
MW-02	723519.761	7834856.862	10/22/2008	22.21 - 32.21	WG	N	081022MW2GW	6020	7439-96-5	Manganese	2.5	ug/L				3200000	
MW-02	723519.761	7834856.862	10/22/2008	22.21 - 32.21	WG	N	081022MW2GW	6020	7439-96-5	Manganese, Dissolved	0.4	ug/L	U			3200000	
MW-02	723519.761	7834856.862	10/22/2008	22.21 - 32.21	WG	N	081022MW2GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-02	723519.761	7834856.862	10/22/2008	22.21 - 32.21	WG	N	081022MW2GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-02	723519.761	7834856.862	10/22/2008	22.21 - 32.21	WG	N	081022MW2GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-02	723519.761	7834856.862	10/22/2008	22.21 - 32.21	WG	N	081022MW2GW	8270C	106-46-7	1,4-Dichlorobenzene	0.031	ug/L	UJ			25	
MW-02	723519.761	7834856.862	10/22/2008	22.21 - 32.21	WG	N	081022MW2GW	8270C	100-02-7	4-Nitrophenol	0.3	ug/L	U			5800	
MW-02	723519.761	7834856.862	10/22/2008	22.21 - 32.21	WG	N	081022MW2GW	8270C	85-01-8	Phenanthrene	0.024	ug/L	U			1800	
MW-02	723519.761	7834856.862	10/22/2008	22.21 - 32.21	WG	N	081022MW2GW	8270C	108-95-2	Phenol	0.068	ug/L	U			5800	
MW-02	723519.761	7834856.862	10/22/2008	22.21 - 32.21	WG	N	081022MW2GW	Krone	1002-53-5	Dibutyltin	0.0073	ug/L	U			6	
MW-02	723519.761	7834856.862	10/22/2008	22.21 - 32.21	WG	N	081022MW2GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-02	723519.761	7834856.862	10/22/2008	22.21 - 32.21	WG	N	081022MW2GW	NWTPH-Dx	TPH-D	Diesel Range Organics	13	ug/L	U			100	
MW-02	723519.761	7834856.862	10/22/2008	22.21 - 32.21	WG	N	081022MW2GW	NWTPH-Dx	MOIL	Residual Range Organics	120	ug/L	U			300	
MW-02	723519.761	7834856.862	10/22/2008	22.21 - 32.21	WG	N	081022MW2GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-02	723519.761	7834856.862	1/13/2009	22.21 - 32.21	WG	N	090113MW2GW	6010B	7439-89-6	Iron	198	ug/L				14000	
MW-02	723519.761	7834856.862	1/13/2009	22.21 - 32.21	WG	N	090113MW2GW	6010B	7439-89-6	Iron, Dissolved	20	ug/L	U			14000	
MW-02	723519.761	7834856.862	1/13/2009	22.21 - 32.21	WG	N	090113MW2GW	6020	7440-38-2	Arsenic	8.2	ug/L				6300	
MW-02	723519.761	7834856.862	1/13/2009	22.21 - 32.21	WG	N	090113MW2GW	6020	7440-38-2	Arsenic, Dissolved	8.3	ug/L				6300	
MW-02	723519.761	7834856.862	1/13/2009	22.21 - 32.21	WG	N	090113MW2GW	6020	7439-92-1	Lead	0.377	ug/L				15	
MW-02	723519.761	7834856.862	1/13/2009	22.21 - 32.21	WG	N	090113MW2GW	6020	7439-92-1	Lead, Dissolved	0.027	ug/L	J			15	
MW-02	723519.761	7834856.862	1/13/2009	22.21 - 32.21	WG	N	090113MW2GW	6020	7439-96-5	Manganese	3.25	ug/L				3200000	
MW-02	723519.761	7834856.862	1/13/2009	22.21 - 32.21	WG	N	090113MW2GW	6020	7439-96-5	Manganese, Dissolved	0.33	ug/L				3200000	
MW-02	723519.761	7834856.862	1/13/2009	22.21 - 32.21	WG	N	090113MW2GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-02	723519.761	7834856.862	1/13/2009	22.21 - 32.21	WG	N	090113MW2GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-02	723519.761	7834856.862	1/13/2009	22.21 - 32.21	WG	N	090113MW2GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-02	723519.761	7834856.862	1/13/2009	22.21 - 32.21	WG	N	090113MW2GW	8270C	106-46-7	1,4-Dichlorobenzene	0.033	ug/L	U			25	
MW-02	723519.761	7834856.862	1/13/2009	22.21 - 32.21	WG	N	090113MW2GW	8270C	100-02-7	4-Nitrophenol	0.32	ug/L	U			5800	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	1/13/2009	22.21 - 32.21	WG	N	090113MW2GW	8270C	85-01-8	Phenanthrene	0.025	ug/L	U			1800	
MW-02	723519.761	7834856.862	1/13/2009	22.21 - 32.21	WG	N	090113MW2GW	8270C	108-95-2	Phenol	0.07	ug/L	U			5800	
MW-02	723519.761	7834856.862	1/13/2009	22.21 - 32.21	WG	N	090113MW2GW	Krone	1002-53-5	Dibutyltin	0.0073	ug/L	U			6	
MW-02	723519.761	7834856.862	1/13/2009	22.21 - 32.21	WG	N	090113MW2GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-02	723519.761	7834856.862	1/13/2009	22.21 - 32.21	WG	N	090113MW2GW	NWTPH-Dx	TPH-D	Diesel Range Organics	19	ug/L	J			100	
MW-02	723519.761	7834856.862	1/13/2009	22.21 - 32.21	WG	N	090113MW2GW	NWTPH-Dx	MOIL	Residual Range Organics	57	ug/L	J			300	
MW-02	723519.761	7834856.862	1/13/2009	22.21 - 32.21	WG	N	090113MW2GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0003917	ug/L				1.3	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	2051-60-7	PCB-1	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	33146-45-1	PCB-10	0.000039	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	39485-83-1	PCB-100	0.000039	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	37680-73-2	PCB-101	0.0000079	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	68194-06-9	PCB-102	0.000029	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	60145-21-3	PCB-103	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	56558-16-8	PCB-104	0.000029	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	32598-14-4	PCB-105	0.0000022	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	70424-69-0	PCB-106	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	70424-68-9	PCB-107	0.000029	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	70362-41-3	PCB-108	0.0000046	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74472-35-8	PCB-109	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	2050-67-1	PCB-11	0.000032	ug/L	J				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	38380-03-9	PCB-110	0.000013	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	39635-32-0	PCB-111	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74472-36-9	PCB-112	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	68194-10-5	PCB-113	0.0000079	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74472-37-0	PCB-114	0.000019	ug/L	U			2.9	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74472-38-1	PCB-115	0.000013	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	18259-05-7	PCB-116	0.0000011	ug/L	J				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	68194-11-6	PCB-117	0.0000011	ug/L	J				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	31508-00-6	PCB-118	0.0000052	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	56558-17-9	PCB-119	0.0000046	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	2974-92-7	PCB-12	0.000068	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	68194-12-7	PCB-120	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	56558-18-0	PCB-121	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	76842-07-4	PCB-122	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	65510-44-3	PCB-123	0.000019	ug/L	U			1.4	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	70424-70-3	PCB-124	0.000029	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74472-39-2	PCB-125	0.0000046	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	57465-28-8	PCB-126	0.000019	ug/L	U			0.00042	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	39635-33-1	PCB-127	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	38380-07-3	PCB-128	0.0000027	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	55215-18-4	PCB-129	0.000021	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	2974-90-5	PCB-13	0.000068	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52663-66-8	PCB-130	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	61798-70-7	PCB-131	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	38380-05-1	PCB-132	0.0000077	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	35694-04-3	PCB-133	0.0000097	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52704-70-8	PCB-134	0.000029	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52744-13-5	PCB-135	0.0000085	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	38411-22-2	PCB-136	0.0000031	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	35694-06-5	PCB-137	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	35065-28-2	PCB-138	0.000021	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	56030-56-9	PCB-139	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	34883-41-5	PCB-14	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	59291-64-4	PCB-140	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52712-04-6	PCB-141	0.0000056	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	41411-61-4	PCB-142	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	68194-15-0	PCB-143	0.000029	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	68194-14-9	PCB-144	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74472-40-5	PCB-145	0.0000097	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	51908-16-8	PCB-146	0.0000023	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	68194-13-8	PCB-147	0.00002	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74472-41-6	PCB-148	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	38380-04-0	PCB-149	0.00002	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	2050-68-2	PCB-15	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	68194-08-1	PCB-150	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52663-63-5	PCB-151	0.0000085	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	68194-09-2	PCB-152	0.0000097	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	35065-27-1	PCB-153	0.000018	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	60145-22-4	PCB-154	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	33979-03-2	PCB-155	0.000029	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	38380-08-4	PCB-156	0.0000022	ug/L	U			7	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	69782-90-7	PCB-157	0.0000022	ug/L	U			1.6	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74472-42-7	PCB-158	0.0000018	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	39635-35-3	PCB-159	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	38444-78-9	PCB-16	0.000024	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	41411-62-5	PCB-160	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74472-43-8	PCB-161	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	39635-34-2	PCB-162	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74472-44-9	PCB-163	0.000021	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74472-45-0	PCB-164	0.0000017	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74472-46-1	PCB-165	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	41411-63-6	PCB-166	0.0000027	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52663-72-6	PCB-167	0.0000014	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	59291-65-5	PCB-168	0.000018	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	32774-16-6	PCB-169	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	37680-66-3	PCB-17	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	35065-30-6	PCB-170	0.0000092	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52663-71-5	PCB-171	0.000029	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52663-74-8	PCB-172	0.0000025	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	68194-16-1	PCB-173	0.000029	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	38411-25-5	PCB-174	0.000013	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	40186-70-7	PCB-175	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52663-65-7	PCB-176	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52663-70-4	PCB-177	0.0000066	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52663-67-9	PCB-178	0.0000017	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52663-64-6	PCB-179	0.0000035	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	37680-65-2	PCB-18	0.0000022	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	35065-29-3	PCB-180	0.000022	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74472-47-2	PCB-181	0.000019	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	60145-23-5	PCB-182	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52663-69-1	PCB-183	0.0000064	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74472-48-3	PCB-184	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52712-05-7	PCB-185	0.000029	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74472-49-4	PCB-186	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52663-68-0	PCB-187	0.0000094	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74487-85-7	PCB-188	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	39635-31-9	PCB-189	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	38444-73-4	PCB-19	0.0000014	ug/L	J				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	41411-64-7	PCB-190	0.0000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74472-50-7	PCB-191	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74472-51-8	PCB-192	0.0000097	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	69782-91-8	PCB-193	0.000022	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	35694-08-7	PCB-194	0.0000039	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52663-78-2	PCB-195	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	42740-50-1	PCB-196	0.000002	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	33091-17-7	PCB-197	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	68194-17-2	PCB-198	0.0000044	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52663-75-9	PCB-199	0.0000044	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	2051-61-8	PCB-2	0.0000097	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	38444-84-7	PCB-20	0.0000041	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52663-73-7	PCB-200	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	40186-71-8	PCB-201	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	2136-99-4	PCB-202	0.0000012	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52663-76-0	PCB-203	0.0000026	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74472-52-9	PCB-204	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74472-53-0	PCB-205	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	40186-72-9	PCB-206	0.0000011	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52663-79-3	PCB-207	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52663-77-1	PCB-208	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	2051-24-3	PCB-209	0.00000086	ug/L	J				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	55702-46-0	PCB-21	0.0000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	38444-85-8	PCB-22	0.0000015	ug/L	J				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	55720-44-0	PCB-23	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	55702-45-9	PCB-24	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	55712-37-3	PCB-25	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	38444-81-4	PCB-26	0.000039	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	38444-76-7	PCB-27	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	7012-37-5	PCB-28	0.0000041	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	15862-07-4	PCB-29	0.000039	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	2051-62-9	PCB-3	0.0000097	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	35693-92-6	PCB-30	0.0000022	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	16606-02-3	PCB-31	0.0000034	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	38444-77-8	PCB-32	0.000001	ug/L	J				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	38444-86-9	PCB-33	0.0000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	37680-68-5	PCB-34	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	37680-69-6	PCB-35	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	38444-87-0	PCB-36	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	38444-90-5	PCB-37	0.0000021	ug/L	J				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	53555-66-1	PCB-38	0.000019	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	38444-88-1	PCB-39	0.000029	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	13029-08-8	PCB-4	0.000039	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	38444-93-8	PCB-40	0.0000016	ug/L	J				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52663-59-9	PCB-41	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	36559-22-5	PCB-42	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	70362-46-8	PCB-43	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	41464-39-5	PCB-44	0.000007	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	70362-45-7	PCB-45	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	41464-47-5	PCB-46	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	2437-79-8	PCB-47	0.000007	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	70362-47-9	PCB-48	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	41464-40-8	PCB-49	0.0000016	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	16605-91-7	PCB-5	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	62796-65-0	PCB-50	0.0000011	ug/L	J				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	68194-04-7	PCB-51	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	35693-99-3	PCB-52	0.000005	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	41464-41-9	PCB-53	0.0000011	ug/L	J				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	15968-05-5	PCB-54	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74338-24-2	PCB-55	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	41464-43-1	PCB-56	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	70424-67-8	PCB-57	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	41464-49-7	PCB-58	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74472-33-6	PCB-59	0.000048	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	25569-80-6	PCB-6	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	33025-41-1	PCB-60	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	33284-53-6	PCB-61	0.0000038	ug/L	J				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	54230-22-7	PCB-62	0.000048	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74472-34-7	PCB-63	0.000029	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52663-58-8	PCB-64	0.0000019	ug/L	J				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	33284-54-7	PCB-65	0.000007	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	32598-10-0	PCB-66	0.0000019	ug/L	J				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	73575-53-8	PCB-67	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	73575-52-7	PCB-68	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	60233-24-1	PCB-69	0.0000016	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	33284-50-3	PCB-7	0.000024	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	32598-11-1	PCB-70	0.0000038	ug/L	J				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	41464-46-4	PCB-71	0.0000016	ug/L	J				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	41464-42-0	PCB-72	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	74338-23-1	PCB-73	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	32690-93-0	PCB-74	0.0000038	ug/L	J				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	32598-12-2	PCB-75	0.000048	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	70362-48-0	PCB-76	0.0000038	ug/L	J				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	32598-13-3	PCB-77	0.000019	ug/L	U			0.006	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	70362-49-1	PCB-78	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	41464-48-6	PCB-79	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	34883-43-7	PCB-8	0.000024	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	33284-52-5	PCB-80	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	70362-50-4	PCB-81	0.000019	ug/L	U			0.12	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52663-62-4	PCB-82	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	60145-20-2	PCB-83	0.000019	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52663-60-2	PCB-84	0.0000031	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	65510-45-4	PCB-85	0.0000011	ug/L	J				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	55312-69-1	PCB-86	0.0000046	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	38380-02-8	PCB-87	0.0000046	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	55215-17-3	PCB-88	0.000039	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	73575-57-2	PCB-89	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	34883-39-1	PCB-9	0.000024	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	68194-07-0	PCB-90	0.0000079	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	68194-05-8	PCB-91	0.000039	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	52663-61-3	PCB-92	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	73575-56-1	PCB-93	0.000039	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	73575-55-0	PCB-94	0.000029	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	38379-99-6	PCB-95	0.0000082	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	73575-54-9	PCB-96	0.000019	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	41464-51-1	PCB-97	0.0000046	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	60233-25-2	PCB-98	0.000029	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	1668C	38380-01-7	PCB-99	0.0000018	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	NWTPH-DX	TPH-D	Diesel Range Organics	97	ug/L	U			100	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	NWTPH-DX	MOIL	Residual Range Organics	290	ug/L	U			300	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	NWTPH-GX	TPH-G	Gasoline Range Organics	40	ug/L	U			14000	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	ORGANOTINS	1002-53-5	Dibutyltin	0.16	ug/L	U			6	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	MW-2-GW	ORGANOTINS	1461-25-2	Tetrabutyltin	0.21	ug/L	U			3.7	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7429-90-5	Aluminum	113	ug/L	U			20000	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7440-36-0	Antimony	4.5	ug/L	U			7.8	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7440-38-2	Arsenic	2.67	ug/L	J			6300	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7440-39-3	Barium	38.1	ug/L				4000	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7440-41-7	Beryllium	2	ug/L	U			270000	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7440-69-9	Bismuth	99.6	ug/L					
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7440-43-9	Cadmium	2	ug/L	U			130000	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7440-70-2	Calcium	74300	ug/L					
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7440-47-3	Chromium	10	ug/L	U			30000	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7440-48-4	Cobalt	10	ug/L	U			6	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7440-50-8	Copper	9.63	ug/L	J			5400000	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7440-69-9	Germanium	112	ug/L					
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7440-74-6	Indium	104	ug/L					
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7439-89-6	Iron	13400	ug/L				14000	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7439-92-1	Lead	4.02	ug/L	J			15	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7439-93-2	Lithium	113	ug/L					
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7439-95-4	Magnesium	19900	ug/L					
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7439-96-5	Manganese	1570	ug/L				3200000	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7440-02-0	Nickel	3.08	ug/L	J			400	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7440-09-7	Potassium	6110	ug/L					
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7440-20-2	Scandium	116	ug/L					
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7782-49-2	Selenium	10	ug/L	U			100	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7440-22-4	Silver	0.586	ug/L	J			1100000	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7440-23-5	Sodium	11300	ug/L	J				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	15492-51-0	Terbium	103	ug/L					
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7440-28-0	Thallium	1	ug/L	U			0.2	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7440-62-2	Vanadium	5	ug/L				86	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7440-65-5	Yttrium	111	ug/L					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW6020B	7440-66-6	Zinc	42.8	ug/L				6000	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW7470A	7439-97-6	Mercury	0.4	ug/L	U			11	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	53-19-0	2,4-DDD	0.01	ug/L	UJ				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	3424-82-6	2,4-DDE	0.01	ug/L	UJ				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	789-02-6	2,4-DDT	0.01	ug/L	UJ				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	72-54-8	4,4'-DDD	0.0119	ug/L	U			3.2	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	72-55-9	4,4'-DDE	0.0238	ug/L	U			310	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	50-29-3	4,4'-DDT	0.0595	ug/L	U			0.23	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	309-00-2	Aldrin	0.0238	ug/L	U			3.5	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	319-84-6	alpha-BHC	0.0238	ug/L	U			18	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	5103-71-9	alpha-Chlordane	0.0297	ug/L	U			0.45	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	319-85-7	beta-BHC	0.0238	ug/L	U			0.025	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	319-86-8	delta-BHC	0.0238	ug/L	U			0.0072	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	60-57-1	Dieldrin	0.0238	ug/L	U			2.4	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	959-98-8	Endosulfan I	0.0238	ug/L	U			98	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	33213-65-9	Endosulfan II	0.0238	ug/L	U			98	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	1031-07-8	Endosulfan sulfate	0.0297	ug/L	U			98	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	72-20-8	Endrin	0.0238	ug/L	U			170	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	7421-93-4	Endrin aldehyde	0.0297	ug/L	U			170	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	53494-70-5	Endrin ketone	0.0238	ug/L	U			170	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	58-89-9	gamma-BHC (Lindane)	0.0238	ug/L	U			100	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	5103-74-2	gamma-Chlordane	0.0297	ug/L	U			0.45	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	76-44-8	Heptachlor	0.0238	ug/L	U			1.8	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	1024-57-3	Heptachlor epoxide	0.0238	ug/L	U			3.2	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	72-43-5	Methoxychlor	0.0595	ug/L	U			37	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	27304-13-8	Oxychlordane	0.01	ug/L	UJ				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8081B	8001-35-2	Toxaphene	1.19	ug/L	U			18	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	630-20-6	1,1,1,2-Tetrachloroethane	0.2	ug/L	U			36	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	79-34-5	1,1,2,2-Tetrachloroethane	0.2	ug/L	U			30	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	79-00-5	1,1,2-Trichloroethane	0.2	ug/L	U			44	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	75-34-3	1,1-Dichloroethane	0.2	ug/L	U			55	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	96-18-4	1,2,3-Trichloropropane	0.2	ug/L	U			200	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	95-63-6	1,2,4-Trimethylbenzene	0.2	ug/L	U			2400	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	106-93-4	1,2-Dibromoethane (EDB)	0.2	ug/L	U			1.5	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	107-06-2	1,2-Dichloroethane	0.3	ug/L	U			18	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	78-87-5	1,2-Dichloropropane	0.3	ug/L	U			52	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	106-46-7	1,4-Dichlorobenzene	0.2	ug/L	U			25	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	594-20-7	2,2-Dichloropropane	0.2	ug/L	U			52	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	71-43-2	Benzene	0.2	ug/L	U			12	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	74-97-5	Bromochloromethane	0.2	ug/L	U			450	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	75-27-4	Bromodichloromethane	0.2	ug/L	U			6.9	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	56-23-5	Carbon tetrachloride	0.2	ug/L	U			3.1	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	67-66-3	Chloroform	0.3	ug/L	U			5.9	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	156-59-2	cis-1,2-Dichloroethene	0.3	ug/L	U			1800	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	10061-01-5	cis-1,3-Dichloropropene	0.2	ug/L	U			40	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	124-48-1	Dibromochloromethane	0.2	ug/L	U			610	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	74-95-3	Dibromomethane	0.2	ug/L	U			950	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	87-68-3	Hexachlorobutadiene	0.2	ug/L	U			3.3	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	98-82-8	Isopropylbenzene	0.2	ug/L	U			9100	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	103-65-1	n-Propylbenzene	0.2	ug/L	U			22000	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	10061-02-6	trans-1,3-Dichloropropene	0.2	ug/L	U			21	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	79-01-6	Trichloroethene	0.2	ug/L	U			7.4	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8260B/D	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D	1319-77-3	3 & 4-Methylphenol	0.5	ug/L	U			370	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D	91-94-1	3,3'-Dichlorobenzidine	10	ug/L	U			0.17	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D	100-02-7	4-Nitrophenol	5	ug/L	U			5800	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D	92-87-5	Benzidine	40	ug/L	U			17	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D	111-44-4	Bis (2-chloroethyl) ether	0.5	ug/L	U			140	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D	85-68-7	Butyl benzylphthalate	0.5	ug/L	U			16	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D	86-74-8	Carbazole	0.5	ug/L	U			7.9	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D	132-64-9	Dibenzofuran	0.3	ug/L	U			7.9	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D	84-74-2	Di-n-butylphthalate	6	ug/L	U			900	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D	117-84-0	Di-n-octylphthalate	5	ug/L	U			200	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D	118-74-1	Hexachlorobenzene	0.5	ug/L	U			1.3	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D	62-75-9	N-Nitrosodimethylamine	0.5	ug/L	U			25	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	1	ug/L	U			370	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D	108-95-2	Phenol	0.5	ug/L	U			5800	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D SIM	91-57-6	2-Methylnaphthalene	0.0399	ug/L	U			36	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D SIM	83-32-9	Acenaphthene	0.0399	ug/L	U			510	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D SIM	208-96-8	Acenaphthylene	0.0399	ug/L	U			20	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D SIM	120-12-7	Anthracene	0.0399	ug/L	U			1800	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D SIM	56-55-3	Benzo(a)anthracene	0.0798	ug/L	U			2300	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D SIM	50-32-8	Benzo(a)pyrene	0.0599	ug/L	U			0.025	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D SIM	205-99-2	Benzo(b)fluoranthene	0.0599	ug/L	U			0.25	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D SIM	191-24-2	Benzo(g,h,i)perylene	0.0798	ug/L	U			120	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D SIM	207-08-9	Benzo(k)fluoranthene	0.0798	ug/L	U			2.5	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D SIM	117-81-7	Bis (2-ethylhexyl) phthalate	0.428	ug/L	J			5.6	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D SIM	218-01-9	Chrysene	0.12	ug/L	U			25	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D SIM	53-70-3	Dibenzo(a,h)anthracene	0.12	ug/L	U			0.025	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D SIM	206-44-0	Fluoranthene	0.0798	ug/L	U			800	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D SIM	86-73-7	Fluorene	0.0399	ug/L	U			280	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0798	ug/L	U			0.25	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D SIM	91-20-3	Naphthalene	0.0798	ug/L	U			20	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D SIM	85-01-8	Phenanthrene	0.12	ug/L	U			1800	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	SW8270D SIM	129-00-0	Pyrene	0.0599	ug/L	U			110	
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.202768	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.8187	ug/L	U				
MW-02	723519.761	7834856.862	4/6/2022	22.21 - 32.21	WG	N	22D0352-01	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.4392	ug/L	U				
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8081 Pest	72-54-8	4,4'-DDD	0.094	ug/L	U			3.2	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8081 Pest	72-55-9	4,4'-DDE	0.094	ug/L	U			310	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8081 Pest	50-29-3	4,4'-DDT	0.094	ug/L	U			0.23	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8081 Pest	309-00-2	Aldrin	0.047	ug/L	U			3.5	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8081 Pest	319-84-6	alpha-BHC	0.047	ug/L	U			18	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8081 Pest	5103-71-9	alpha-Chlordane	0.047	ug/L	U			0.45	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8081 Pest	319-85-7	beta-BHC	0.047	ug/L	U			0.025	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8081 Pest	319-86-8	delta-BHC	0.047	ug/L	U			0.0072	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8081 Pest	60-57-1	Dieldrin	0.094	ug/L	U			2.4	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8081 Pest	959-98-8	Endosulfan I	0.047	ug/L	U			98	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8081 Pest	33213-65-9	Endosulfan II	0.094	ug/L	U			98	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.094	ug/L	U			98	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8081 Pest	72-20-8	Endrin	0.094	ug/L	U			170	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8081 Pest	7421-93-4	Endrin aldehyde	0.094	ug/L	U			170	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8081 Pest	53494-70-5	Endrin ketone	0.094	ug/L	U			170	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.047	ug/L	U			100	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8081 Pest	5103-74-2	gamma-Chlordane	0.047	ug/L	U			0.45	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8081 Pest	76-44-8	Heptachlor	0.047	ug/L	U			1.8	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.047	ug/L	U			3.2	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8081 Pest	72-43-5	Methoxychlor	0.47	ug/L	U			37	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8081 Pest	8001-35-2	Toxaphene	0.94	ug/L	U			18	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8151	93-76-5	2,4,5-T	0.15	ug/L	U			160	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8151	93-72-1	2,4,5-TP (Silvex)	0.1	ug/L	U			110	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8151	94-75-7	2,4-D	1	ug/L	U			77000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8151	94-82-6	2,4-DB	1	ug/L	U				
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8151	120-36-5	2,4-DP (Dichloroprop)	1	ug/L	U				
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8151	75-99-0	Dalapon	2	ug/L	U			600	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8151	1918-00-9	Dicamba	0.1	ug/L	U			570	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8151	88-85-7	Dinoseb	0.5	ug/L	U			15	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8151	94-74-6	MCPA	50	ug/L	U			1700	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8151	93-65-2	MCPP	50	ug/L	U			16	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	1	ug/L	U			36	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	71-55-6	1,1,1-Trichloroethane	1	ug/L	U			53000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	1	ug/L	U			30	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	79-00-5	1,1,2-Trichloroethane	1	ug/L	U			44	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	75-34-3	1,1-Dichloroethane	1	ug/L	U			55	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	75-35-4	1,1-Dichloroethene	1	ug/L	U			1300	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	563-58-6	1,1-Dichloropropene	1	ug/L	U			40	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	87-61-6	1,2,3-Trichlorobenzene	5	ug/L	U			7	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	96-18-4	1,2,3-Trichloropropane	1	ug/L	U			200	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	120-82-1	1,2,4-Trichlorobenzene	5	ug/L	U			380	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	95-63-6	1,2,4-Trimethylbenzene	1	ug/L	U			2400	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	3	ug/L	U			0.34	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	106-93-4	1,2-Dibromoethane (EDB)	1	ug/L	U			1.5	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	95-50-1	1,2-Dichlorobenzene	2	ug/L	U			25000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	107-06-2	1,2-Dichloroethane	1	ug/L	U			18	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	78-87-5	1,2-Dichloropropane	1	ug/L	U			52	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	108-67-8	1,3,5-Trimethylbenzene	1	ug/L	U			1700	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	541-73-1	1,3-Dichlorobenzene	2	ug/L	U			25	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	142-28-9	1,3-Dichloropropane	1	ug/L	U			370	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	106-46-7	1,4-Dichlorobenzene	2	ug/L	U			25	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	594-20-7	2,2-Dichloropropane	1	ug/L	U			52	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	110-75-8	2-Chloroethyl vinyl ether	10	ug/L	U				
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	95-49-8	2-Chlorotoluene	1	ug/L	U			240	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	591-78-6	2-Hexanone	10	ug/L	U			72000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	106-43-4	4-Chlorotoluene	1	ug/L	U			250	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	67-64-1	Acetone	10	ug/L	U			18000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	71-43-2	Benzene	1	ug/L	U			12	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	108-86-1	Bromobenzene	1	ug/L	U			6300	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	74-97-5	Bromochloromethane	1	ug/L	U			450	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	75-27-4	Bromodichloromethane	1	ug/L	U			6.9	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	75-25-2	Bromoform	3	ug/L	U			1100	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	75-15-0	Carbon disulfide	10	ug/L	U			8200	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	56-23-5	Carbon tetrachloride	1	ug/L	U			3.1	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	108-90-7	Chlorobenzene	1	ug/L	U			3400	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	75-00-3	Chloroethane	1	ug/L	U			57000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	67-66-3	Chloroform	1	ug/L	U			5.9	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	74-87-3	Chloromethane	5	ug/L	U			1500	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	156-59-2	cis-1,2-Dichloroethene	1	ug/L	U			1800	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	10061-01-5	cis-1,3-Dichloropropene	3	ug/L	U			40	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	124-48-1	Dibromochloromethane	2	ug/L	U			610	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	74-95-3	Dibromomethane	1	ug/L	U			950	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	75-71-8	Dichlorodifluoromethane	1	ug/L	U			41	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	100-41-4	Ethylbenzene	1	ug/L	U			31	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	87-68-3	Hexachlorobutadiene	3	ug/L	U			3.3	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	98-82-8	Isopropylbenzene	1	ug/L	U			9100	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	78-93-3	MEK (2-Butanone)	10	ug/L	U			17000000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	75-09-2	Methylene chloride	5	ug/L	U			15000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	10	ug/L	U			4600000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	91-20-3	Naphthalene	5	ug/L	U			20	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	104-51-8	n-Butylbenzene	1	ug/L	U			1000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	103-65-1	n-Propylbenzene	1	ug/L	U			22000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	95-47-6	o-Xylene	1	ug/L	U			4300	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	99-87-6	p-Cymene	2	ug/L	U			9100	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	135-98-8	sec-Butylbenzene	1	ug/L	U			2000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	100-42-5	Styrene	1	ug/L	U			84000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	98-06-6	tert-Butylbenzene	1	ug/L	U			690	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	127-18-4	Tetrachloroethene	5.1	ug/L				130	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	108-88-3	Toluene	1	ug/L	U			150000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	156-60-5	trans-1,2-Dichloroethene	1	ug/L	U			457	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	10061-02-6	trans-1,3-Dichloropropene	3	ug/L	U			21	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	79-01-6	Trichloroethene	1	ug/L	U			7.4	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	75-69-4	Trichlorofluoromethane	1	ug/L	U			160000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	108-05-4	Vinyl acetate	10	ug/L	U			80000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8260	75-01-4	Vinyl chloride	1	ug/L	U			3.3	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	95-95-4	2,4,5-Trichlorophenol	47	ug/L	U			1200	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	88-06-2	2,4,6-Trichlorophenol	9.4	ug/L	U			1700	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	120-83-2	2,4-Dichlorophenol	9.4	ug/L	U			46	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	105-67-9	2,4-Dimethylphenol	9.4	ug/L	U			360	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	51-28-5	2,4-Dinitrophenol	47	ug/L	U			39	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	121-14-2	2,4-Dinitrotoluene	9.4	ug/L	U			0.24	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	606-20-2	2,6-Dinitrotoluene	9.4	ug/L	U			830	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	91-58-7	2-Chloronaphthalene	9.4	ug/L	U			750	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	95-57-8	2-Chlorophenol	9.4	ug/L	U			91	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	91-57-6	2-Methylnaphthalene	9.4	ug/L	U			36	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	95-48-7	2-Methylphenol	9.4	ug/L	U			930	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	88-74-4	2-Nitroaniline	47	ug/L	U			190	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	88-75-5	2-Nitrophenol	9.4	ug/L	U			5800	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	91-94-1	3,3'-Dichlorobenzidine	19	ug/L	U			0.17	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	99-09-2	3-Nitroaniline	47	ug/L	U			190	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	47	ug/L	U			1.5	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	101-55-3	4-Bromophenyl phenyl ether	9.4	ug/L	U				
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	59-50-7	4-Chloro-3-methylphenol	9.4	ug/L	U			1400	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	106-47-8	4-Chloroaniline	9.4	ug/L	U			0.37	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	9.4	ug/L	U				
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	106-44-5	4-Methylphenol	9.4	ug/L	U			370	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	100-01-6	4-Nitroaniline	47	ug/L	U			3.8	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	100-02-7	4-Nitrophenol	47	ug/L	U			5800	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	83-32-9	Acenaphthene	9.4	ug/L	U			510	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	208-96-8	Acenaphthylene	9.4	ug/L	U			20	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	62-53-3	Aniline	9.4	ug/L	U			13	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	120-12-7	Anthracene	9.4	ug/L	U			1800	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	92-87-5	Benzidine	94	ug/L	U			17	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	56-55-3	Benzo(a)anthracene	9.4	ug/L	U			2300	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	50-32-8	Benzo(a)pyrene	9.4	ug/L	U			0.025	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	205-99-2	Benzo(b)fluoranthene	9.4	ug/L	U			0.25	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	191-24-2	Benzo(g,h,i)perylene	9.4	ug/L	U			120	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	207-08-9	Benzo(k)fluoranthene	9.4	ug/L	U			2.5	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	65-85-0	Benzoic acid	47	ug/L	U			75000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	100-51-6	Benzyl alcohol	9.4	ug/L	U			2000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	111-91-1	Bis (2-chloroethoxy) methane	9.4	ug/L	U			59	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	111-44-4	Bis (2-chloroethyl) ether	9.4	ug/L	U			140	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	9.4	ug/L	U			5.6	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	9.4	ug/L	U			710	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	85-68-7	Butyl benzylphthalate	9.4	ug/L	U			16	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	86-74-8	Carbazole	9.4	ug/L	U			7.9	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	218-01-9	Chrysene	9.4	ug/L	U			25	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	53-70-3	Dibenzo(a,h)anthracene	9.4	ug/L	U			0.025	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	132-64-9	Dibenzofuran	9.4	ug/L	U			7.9	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	84-66-2	Diethyl phthalate	9.4	ug/L	U			15000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	131-11-3	Dimethyl phthalate	9.4	ug/L	U			15000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	84-74-2	Di-n-butylphthalate	9.4	ug/L	U			900	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	117-84-0	Di-n-octylphthalate	9.4	ug/L	U			200	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	206-44-0	Fluoranthene	9.4	ug/L	U			800	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	86-73-7	Fluorene	9.4	ug/L	U			280	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	118-74-1	Hexachlorobenzene	9.4	ug/L	U			1.3	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	77-47-4	Hexachlorocyclopentadiene	9.4	ug/L	U			48	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	67-72-1	Hexachloroethane	9.4	ug/L	U			7	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	9.4	ug/L	U			0.25	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	78-59-1	Isophorone	9.4	ug/L	U			78	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	98-95-3	Nitrobenzene	9.4	ug/L	U			800	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	62-75-9	N-Nitrosodimethylamine	9.4	ug/L	U			25	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	621-64-7	N-Nitrosodi-n-propylamine	9.4	ug/L	U			370	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	86-30-6	N-Nitrosodiphenylamine	9.4	ug/L	U			12	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	87-86-5	Pentachlorophenol	9.4	ug/L	U			53	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	85-01-8	Phenanthrene	9.4	ug/L	U			1800	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	108-95-2	Phenol	9.4	ug/L	U			5800	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	8270	129-00-0	Pyrene	9.4	ug/L	U			110	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	METALS	7440-36-0	Antimony, Dissolved	50	ug/L	U			7.8	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	METALS	7440-38-2	Arsenic, Dissolved	5	ug/L	U			6300	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	METALS	7440-39-3	Barium, Dissolved	21.2	ug/L				4000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	METALS	7440-41-7	Beryllium, Dissolved	5	ug/L	U			270000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	METALS	7440-43-9	Cadmium, Dissolved	5	ug/L	U			130000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	METALS	7440-47-3	Chromium, Dissolved	10	ug/L	U			30000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	METALS	7440-50-8	Copper, Dissolved	10	ug/L	U			5400000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	METALS	7439-89-6	Iron, Dissolved	50	ug/L	U			14000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	METALS	7439-92-1	Lead, Dissolved	3	ug/L	U			15	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	METALS	7439-96-5	Manganese, Dissolved	12	ug/L				3200000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	METALS	7439-97-6	Mercury, Dissolved	0.2	ug/L	U			11	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	METALS	7440-02-0	Nickel, Dissolved	10	ug/L	U			400	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	METALS	7782-49-2	Selenium, Dissolved	5	ug/L	U			100	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	METALS	7440-22-4	Silver, Dissolved	10	ug/L	U			1100000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	METALS	7440-28-0	Thallium, Dissolved	5	ug/L	U			0.2	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	METALS	7440-66-6	Zinc, Dissolved	10	ug/L	U			6000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	NWTPH-Dx	TPH-D	Diesel Range Organics	240	ug/L	U			100	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	NWTPH-Dx	MOIL	Residual Range Organics	710	ug/L	U			300	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	100	ug/L	U			14000	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	PCBS	12674-11-2	Aroclor-1016	0.94	ug/L	U			75	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	PCBS	11104-28-2	Aroclor-1221	0.94	ug/L	U			2.3	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	PCBS	11141-16-5	Aroclor-1232	0.94	ug/L	U			0.71	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	PCBS	53469-21-9	Aroclor-1242	0.94	ug/L	U			5.8	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	PCBS	12672-29-6	Aroclor-1248	0.94	ug/L	U			1.2	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	PCBS	11097-69-1	Aroclor-1254	0.94	ug/L	U			7.2	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	PCBS	11096-82-5	Aroclor-1260	0.94	ug/L	U			1.6	
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	94	ug/L	U				
MW-03	723588.724	7835026.029	7/12/1999	10.99 - 20.99	WG	N	990712BIL06GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	56.4	ug/L	U				
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8081 Pest	72-54-8	4,4'-DDD	0.094	ug/L	UJ			3.2	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8081 Pest	72-55-9	4,4'-DDE	0.094	ug/L	UJ			310	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8081 Pest	50-29-3	4,4'-DDT	0.094	ug/L	UJ			0.23	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8081 Pest	309-00-2	Aldrin	0.047	ug/L	UJ			3.5	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8081 Pest	319-84-6	alpha-BHC	0.047	ug/L	UJ			18	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8081 Pest	5103-71-9	alpha-Chlordane	0.047	ug/L	UJ			0.45	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8081 Pest	319-85-7	beta-BHC	0.047	ug/L	UJ			0.025	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8081 Pest	319-86-8	delta-BHC	0.047	ug/L	UJ			0.0072	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8081 Pest	60-57-1	Dieldrin	0.094	ug/L	UJ			2.4	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8081 Pest	959-98-8	Endosulfan I	0.047	ug/L	UJ			98	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8081 Pest	33213-65-9	Endosulfan II	0.094	ug/L	UJ			98	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.094	ug/L	UJ			98	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8081 Pest	72-20-8	Endrin	0.094	ug/L	UJ			170	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8081 Pest	7421-93-4	Endrin aldehyde	0.094	ug/L	UJ			170	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8081 Pest	53494-70-5	Endrin ketone	0.094	ug/L	UJ			170	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.047	ug/L	UJ			100	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8081 Pest	5103-74-2	gamma-Chlordane	0.047	ug/L	UJ			0.45	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8081 Pest	76-44-8	Heptachlor	0.047	ug/L	UJ			1.8	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.047	ug/L	UJ			3.2	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8081 Pest	72-43-5	Methoxychlor	0.47	ug/L	UJ			37	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8081 Pest	8001-35-2	Toxaphene	0.94	ug/L	UJ			18	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8151	93-76-5	2,4,5-T	0.1	ug/L	U			160	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8151	93-72-1	2,4,5-TP (Silvex)	0.1	ug/L	U			110	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8151	94-75-7	2,4-D	0.25	ug/L	U			77000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8151	94-82-6	2,4-DB	0.5	ug/L	U				
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8151	120-36-5	2,4-DP (Dichloroprop)	0.25	ug/L	U				
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8151	75-99-0	Dalapon	0.5	ug/L	U			600	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8151	1918-00-9	Dicamba	0.1	ug/L	U			570	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8151	88-85-7	Dinoseb	0.5	ug/L	U			15	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8151	94-74-6	MCPA	10	ug/L	U			1700	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8151	93-65-2	MCPP	50	ug/L	U			16	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	1	ug/L	U			36	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	71-55-6	1,1,1-Trichloroethane	1	ug/L	U			53000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	1	ug/L	U			30	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	79-00-5	1,1,2-Trichloroethane	1	ug/L	U			44	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	75-34-3	1,1-Dichloroethane	1	ug/L	U			55	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	75-35-4	1,1-Dichloroethene	1	ug/L	U			1300	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	563-58-6	1,1-Dichloropropene	1	ug/L	U			40	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	87-61-6	1,2,3-Trichlorobenzene	5	ug/L	U			7	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	96-18-4	1,2,3-Trichloropropane	1	ug/L	U			200	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	120-82-1	1,2,4-Trichlorobenzene	5	ug/L	U			380	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	95-63-6	1,2,4-Trimethylbenzene	1	ug/L	U			2400	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	3	ug/L	U			0.34	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	106-93-4	1,2-Dibromoethane (EDB)	1	ug/L	U			1.5	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	95-50-1	1,2-Dichlorobenzene	2	ug/L	U			25000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	107-06-2	1,2-Dichloroethane	1	ug/L	U			18	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	78-87-5	1,2-Dichloropropane	1	ug/L	U			52	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	108-67-8	1,3,5-Trimethylbenzene	1	ug/L	U			1700	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	541-73-1	1,3-Dichlorobenzene	2	ug/L	U			25	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	142-28-9	1,3-Dichloropropane	1	ug/L	U			370	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	106-46-7	1,4-Dichlorobenzene	2	ug/L	U			25	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	594-20-7	2,2-Dichloropropane	1	ug/L	U			52	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	110-75-8	2-Chloroethyl vinyl ether	10	ug/L	U				
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	95-49-8	2-Chlorotoluene	1	ug/L	U			240	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	591-78-6	2-Hexanone	10	ug/L	U			72000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	106-43-4	4-Chlorotoluene	1	ug/L	U			250	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	67-64-1	Acetone	10	ug/L	U			18000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	71-43-2	Benzene	1	ug/L	U			12	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	108-86-1	Bromobenzene	1	ug/L	U			6300	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	74-97-5	Bromochloromethane	1	ug/L	U			450	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	75-27-4	Bromodichloromethane	1	ug/L	U			6.9	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	75-25-2	Bromoform	3	ug/L	U			1100	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	75-15-0	Carbon disulfide	10	ug/L	U			8200	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	56-23-5	Carbon tetrachloride	1	ug/L	U			3.1	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	108-90-7	Chlorobenzene	1	ug/L	U			3400	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	75-00-3	Chloroethane	1	ug/L	U			57000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	67-66-3	Chloroform	1	ug/L	U			5.9	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	74-87-3	Chloromethane	5	ug/L	U			1500	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	156-59-2	cis-1,2-Dichloroethene	1	ug/L	U			1800	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	10061-01-5	cis-1,3-Dichloropropene	3	ug/L	U			40	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	124-48-1	Dibromochloromethane	2	ug/L	U			610	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	74-95-3	Dibromomethane	1	ug/L	U			950	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	75-71-8	Dichlorodifluoromethane	1	ug/L	U			41	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	100-41-4	Ethylbenzene	1	ug/L	U			31	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	87-68-3	Hexachlorobutadiene	3	ug/L	U			3.3	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	98-82-8	Isopropylbenzene	1	ug/L	U			9100	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	78-93-3	MEK (2-Butanone)	10	ug/L	U			17000000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	75-09-2	Methylene chloride	5	ug/L	U			15000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	10	ug/L	U			4600000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	91-20-3	Naphthalene	5	ug/L	U			20	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	104-51-8	n-Butylbenzene	1	ug/L	U			1000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	103-65-1	n-Propylbenzene	1	ug/L	U			22000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	95-47-6	o-Xylene	1	ug/L	U			4300	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	99-87-6	p-Cymene	2	ug/L	U			9100	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	135-98-8	sec-Butylbenzene	1	ug/L	U			2000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	100-42-5	Styrene	1	ug/L	U			84000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	98-06-6	tert-Butylbenzene	1	ug/L	U			690	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	127-18-4	Tetrachloroethene	2.6	ug/L				130	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	108-88-3	Toluene	1	ug/L	U			150000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	156-60-5	trans-1,2-Dichloroethene	1	ug/L	U			457	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	10061-02-6	trans-1,3-Dichloropropene	3	ug/L	U			21	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	79-01-6	Trichloroethene	1	ug/L	U			7.4	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	75-69-4	Trichlorofluoromethane	1	ug/L	U			160000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	108-05-4	Vinyl acetate	10	ug/L	U			80000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8260	75-01-4	Vinyl chloride	1	ug/L	U			3.3	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	95-95-4	2,4,5-Trichlorophenol	47	ug/L	U			1200	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	88-06-2	2,4,6-Trichlorophenol	9.4	ug/L	U			1700	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	120-83-2	2,4-Dichlorophenol	9.4	ug/L	U			46	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	105-67-9	2,4-Dimethylphenol	9.4	ug/L	U			360	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	51-28-5	2,4-Dinitrophenol	47	ug/L	U			39	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	121-14-2	2,4-Dinitrotoluene	9.4	ug/L	U			0.24	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	606-20-2	2,6-Dinitrotoluene	9.4	ug/L	U			830	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	91-58-7	2-Chloronaphthalene	9.4	ug/L	U			750	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	95-57-8	2-Chlorophenol	9.4	ug/L	U			91	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	91-57-6	2-Methylnaphthalene	9.4	ug/L	U			36	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	95-48-7	2-Methylphenol	9.4	ug/L	U			930	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	88-74-4	2-Nitroaniline	47	ug/L	U			190	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	88-75-5	2-Nitrophenol	9.4	ug/L	U			5800	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	91-94-1	3,3'-Dichlorobenzidine	19	ug/L	U			0.17	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	99-09-2	3-Nitroaniline	47	ug/L	U			190	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	47	ug/L	U			1.5	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	101-55-3	4-Bromophenyl phenyl ether	9.4	ug/L	U				
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	59-50-7	4-Chloro-3-methylphenol	9.4	ug/L	U			1400	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	106-47-8	4-Chloroaniline	9.4	ug/L	U			0.37	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	9.4	ug/L	U				
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	106-44-5	4-Methylphenol	9.4	ug/L	U			370	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	100-01-6	4-Nitroaniline	47	ug/L	U			3.8	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	100-02-7	4-Nitrophenol	47	ug/L	U			5800	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	83-32-9	Acenaphthene	9.4	ug/L	U			510	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	208-96-8	Acenaphthylene	9.4	ug/L	U			20	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	62-53-3	Aniline	9.4	ug/L	U			13	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	120-12-7	Anthracene	9.4	ug/L	U			1800	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	92-87-5	Benzidine	94	ug/L	U			17	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	56-55-3	Benzo(a)anthracene	9.4	ug/L	U			2300	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	50-32-8	Benzo(a)pyrene	9.4	ug/L	U			0.025	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	205-99-2	Benzo(b)fluoranthene	9.4	ug/L	U			0.25	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	191-24-2	Benzo(g,h,i)perylene	9.4	ug/L	U			120	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	207-08-9	Benzo(k)fluoranthene	9.4	ug/L	U			2.5	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	65-85-0	Benzoic acid	47	ug/L	U			75000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	100-51-6	Benzyl alcohol	9.4	ug/L	U			2000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	111-91-1	Bis (2-chloroethoxy) methane	9.4	ug/L	U			59	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	111-44-4	Bis (2-chloroethyl) ether	9.4	ug/L	U			140	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	9.4	ug/L	U			5.6	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	9.4	ug/L	U			710	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	85-68-7	Butyl benzylphthalate	9.4	ug/L	U			16	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	86-74-8	Carbazole	9.4	ug/L	U			7.9	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	218-01-9	Chrysene	9.4	ug/L	U			25	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	53-70-3	Dibenzo(a,h)anthracene	9.4	ug/L	U			0.025	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	132-64-9	Dibenzofuran	9.4	ug/L	U			7.9	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	84-66-2	Diethyl phthalate	9.4	ug/L	U			15000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	131-11-3	Dimethyl phthalate	9.4	ug/L	U			15000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	84-74-2	Di-n-butylphthalate	9.4	ug/L	U			900	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	117-84-0	Di-n-octylphthalate	9.4	ug/L	U			200	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	206-44-0	Fluoranthene	9.4	ug/L	U			800	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	86-73-7	Fluorene	9.4	ug/L	U			280	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	118-74-1	Hexachlorobenzene	9.4	ug/L	U			1.3	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	77-47-4	Hexachlorocyclopentadiene	9.4	ug/L	U			48	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	67-72-1	Hexachloroethane	9.4	ug/L	U			7	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	9.4	ug/L	U			0.25	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	78-59-1	Isophorone	9.4	ug/L	U			78	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	98-95-3	Nitrobenzene	9.4	ug/L	U			800	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	62-75-9	N-Nitrosodimethylamine	9.4	ug/L	U			25	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	621-64-7	N-Nitrosodi-n-propylamine	9.4	ug/L	U			370	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	86-30-6	N-Nitrosodiphenylamine	9.4	ug/L	U			12	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	87-86-5	Pentachlorophenol	9.4	ug/L	U			53	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	85-01-8	Phenanthrene	9.4	ug/L	U			1800	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	108-95-2	Phenol	9.4	ug/L	U			5800	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	8270	129-00-0	Pyrene	9.4	ug/L	U			110	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	METALS	7440-36-0	Antimony	50	ug/L	U			7.8	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	METALS	7440-38-2	Arsenic	5	ug/L	U			6300	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	METALS	7440-39-3	Barium	15.7	ug/L				4000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	METALS	7440-41-7	Beryllium	5	ug/L	U			270000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	METALS	7440-43-9	Cadmium	5	ug/L	U			130000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	METALS	7440-47-3	Chromium	10	ug/L	U			30000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	METALS	7440-50-8	Copper	10	ug/L	U			5400000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	METALS	7439-89-6	Iron	119	ug/L				14000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	METALS	7439-92-1	Lead	3	ug/L	U			15	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	METALS	7439-96-5	Manganese	23.2	ug/L				3200000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	METALS	7439-97-6	Mercury	0.2	ug/L	U			11	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	METALS	7440-02-0	Nickel	10	ug/L	U			400	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	METALS	7782-49-2	Selenium	5	ug/L	U			100	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	METALS	7440-22-4	Silver	10	ug/L	U			1100000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	METALS	7440-28-0	Thallium	5	ug/L	U			0.2	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	METALS	7440-66-6	Zinc	10	ug/L	U			6000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	NWTPH-Dx	TPH-D	Diesel Range Organics	240	ug/L	U			100	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	NWTPH-Dx	MOIL	Residual Range Organics	710	ug/L	U			300	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	100	ug/L	U			14000	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	PCBS	12674-11-2	Aroclor-1016	0.94	ug/L	UJ			75	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	PCBS	11104-28-2	Aroclor-1221	0.94	ug/L	UJ			2.3	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	PCBS	11141-16-5	Aroclor-1232	0.94	ug/L	UJ			0.71	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	PCBS	53469-21-9	Aroclor-1242	0.94	ug/L	UJ			5.8	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	PCBS	12672-29-6	Aroclor-1248	0.94	ug/L	UJ			1.2	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	PCBS	11097-69-1	Aroclor-1254	0.94	ug/L	UJ			7.2	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	PCBS	11096-82-5	Aroclor-1260	0.94	ug/L	UJ			1.6	
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	94	ug/L	U				
MW-03	723588.724	7835026.029	11/8/1999	10.99 - 20.99	WG	N	991108BIL11GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	56.4	ug/L	U				
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8081 Pest	72-54-8	4,4'-DDD	0.1	ug/L	U			3.2	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8081 Pest	72-55-9	4,4'-DDE	0.1	ug/L	U			310	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8081 Pest	50-29-3	4,4'-DDT	0.1	ug/L	U			0.23	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8081 Pest	309-00-2	Aldrin	0.05	ug/L	U			3.5	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8081 Pest	319-84-6	alpha-BHC	0.05	ug/L	U			18	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8081 Pest	5103-71-9	alpha-Chlordane	0.05	ug/L	U			0.45	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8081 Pest	319-85-7	beta-BHC	0.05	ug/L	U			0.025	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8081 Pest	319-86-8	delta-BHC	0.05	ug/L	U			0.0072	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8081 Pest	60-57-1	Dieldrin	0.1	ug/L	U			2.4	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8081 Pest	959-98-8	Endosulfan I	0.05	ug/L	U			98	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8081 Pest	33213-65-9	Endosulfan II	0.1	ug/L	U			98	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.1	ug/L	U			98	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8081 Pest	72-20-8	Endrin	0.1	ug/L	U			170	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8081 Pest	7421-93-4	Endrin aldehyde	0.1	ug/L	U			170	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8081 Pest	53494-70-5	Endrin ketone	0.1	ug/L	U			170	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.05	ug/L	U			100	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8081 Pest	5103-74-2	gamma-Chlordane	0.05	ug/L	U			0.45	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8081 Pest	76-44-8	Heptachlor	0.05	ug/L	U			1.8	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.05	ug/L	U			3.2	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8081 Pest	72-43-5	Methoxychlor	0.5	ug/L	U			37	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8081 Pest	8001-35-2	Toxaphene	1	ug/L	U			18	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8151	93-76-5	2,4,5-T	0.15	ug/L	U			160	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8151	93-72-1	2,4,5-TP (Silvex)	0.1	ug/L	U			110	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8151	94-75-7	2,4-D	1	ug/L	U			77000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8151	94-82-6	2,4-DB	0.5	ug/L	U				
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8151	120-36-5	2,4-DP (Dichloroprop)	0.25	ug/L	U				
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8151	75-99-0	Dalapon	2	ug/L	U			600	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8151	1918-00-9	Dicamba	0.1	ug/L	U			570	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8151	88-85-7	Dinoseb	0.5	ug/L	U			15	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8151	94-74-6	MCPA	50	ug/L	U			1700	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8151	93-65-2	MCPP	50	ug/L	U			16	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	1	ug/L	U			36	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	71-55-6	1,1,1-Trichloroethane	1	ug/L	U			53000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	1	ug/L	U			30	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	79-00-5	1,1,2-Trichloroethane	1	ug/L	U			44	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	75-34-3	1,1-Dichloroethane	1	ug/L	U			55	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	75-35-4	1,1-Dichloroethene	1	ug/L	U			1300	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	563-58-6	1,1-Dichloropropene	1	ug/L	U			40	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	87-61-6	1,2,3-Trichlorobenzene	5	ug/L	U			7	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	96-18-4	1,2,3-Trichloropropane	1	ug/L	U			200	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	120-82-1	1,2,4-Trichlorobenzene	5	ug/L	U			380	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	95-63-6	1,2,4-Trimethylbenzene	1	ug/L	U			2400	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	3	ug/L	U			0.34	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	106-93-4	1,2-Dibromoethane (EDB)	1	ug/L	U			1.5	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	95-50-1	1,2-Dichlorobenzene	2	ug/L	U			25000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	107-06-2	1,2-Dichloroethane	1	ug/L	U			18	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	78-87-5	1,2-Dichloropropane	1	ug/L	U			52	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	108-67-8	1,3,5-Trimethylbenzene	1	ug/L	U			1700	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	541-73-1	1,3-Dichlorobenzene	2	ug/L	U			25	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	142-28-9	1,3-Dichloropropane	1	ug/L	U			370	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	106-46-7	1,4-Dichlorobenzene	2	ug/L	U			25	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	594-20-7	2,2-Dichloropropane	1	ug/L	U			52	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	110-75-8	2-Chloroethyl vinyl ether	10	ug/L	U				
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	95-49-8	2-Chlorotoluene	1	ug/L	U			240	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	591-78-6	2-Hexanone	10	ug/L	U			72000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	106-43-4	4-Chlorotoluene	1	ug/L	U			250	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	67-64-1	Acetone	10	ug/L	U			18000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	71-43-2	Benzene	1	ug/L	U			12	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	108-86-1	Bromobenzene	1	ug/L	U			6300	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	74-97-5	Bromochloromethane	1	ug/L	U			450	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	75-27-4	Bromodichloromethane	1	ug/L	U			6.9	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	75-25-2	Bromoform	3	ug/L	U			1100	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	75-15-0	Carbon disulfide	10	ug/L	U			8200	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	56-23-5	Carbon tetrachloride	1	ug/L	U			3.1	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	108-90-7	Chlorobenzene	1	ug/L	U			3400	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	75-00-3	Chloroethane	1	ug/L	U			57000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	67-66-3	Chloroform	1	ug/L	U			5.9	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	74-87-3	Chloromethane	5	ug/L	U			1500	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	156-59-2	cis-1,2-Dichloroethene	1	ug/L	U			1800	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	10061-01-5	cis-1,3-Dichloropropene	3	ug/L	U			40	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	124-48-1	Dibromochloromethane	2	ug/L	U			610	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	74-95-3	Dibromomethane	1	ug/L	U			950	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	75-71-8	Dichlorodifluoromethane	1	ug/L	U			41	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	100-41-4	Ethylbenzene	1	ug/L	U			31	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	87-68-3	Hexachlorobutadiene	3	ug/L	U			3.3	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	98-82-8	Isopropylbenzene	1	ug/L	U			9100	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	78-93-3	MEK (2-Butanone)	10	ug/L	U			17000000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	75-09-2	Methylene chloride	5	ug/L	U			15000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	10	ug/L	U			4600000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	91-20-3	Naphthalene	5	ug/L	U			20	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	104-51-8	n-Butylbenzene	1	ug/L	U			1000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	103-65-1	n-Propylbenzene	1	ug/L	U			22000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	95-47-6	o-Xylene	1	ug/L	U			4300	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	99-87-6	p-Cymene	2	ug/L	U			9100	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	135-98-8	sec-Butylbenzene	1	ug/L	U			2000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	100-42-5	Styrene	1	ug/L	U			84000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	98-06-6	tert-Butylbenzene	1	ug/L	U			690	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	127-18-4	Tetrachloroethene	2.4	ug/L				130	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	108-88-3	Toluene	1	ug/L	U			150000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	156-60-5	trans-1,2-Dichloroethene	1	ug/L	U			457	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	10061-02-6	trans-1,3-Dichloropropene	3	ug/L	U			21	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	79-01-6	Trichloroethene	1	ug/L	U			7.4	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	75-69-4	Trichlorofluoromethane	1	ug/L	U			160000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	108-05-4	Vinyl acetate	10	ug/L	U			80000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8260	75-01-4	Vinyl chloride	1	ug/L	U			3.3	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	95-95-4	2,4,5-Trichlorophenol	25	ug/L	U			1200	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	88-06-2	2,4,6-Trichlorophenol	10	ug/L	U			1700	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	120-83-2	2,4-Dichlorophenol	10	ug/L	U			46	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	105-67-9	2,4-Dimethylphenol	10	ug/L	U			360	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	51-28-5	2,4-Dinitrophenol	25	ug/L	U			39	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	121-14-2	2,4-Dinitrotoluene	10	ug/L	U			0.24	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	606-20-2	2,6-Dinitrotoluene	10	ug/L	U			830	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	91-58-7	2-Chloronaphthalene	10	ug/L	U			750	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	95-57-8	2-Chlorophenol	10	ug/L	U			91	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	91-57-6	2-Methylnaphthalene	10	ug/L	U			36	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	95-48-7	2-Methylphenol	10	ug/L	U			930	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	88-74-4	2-Nitroaniline	25	ug/L	U			190	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	88-75-5	2-Nitrophenol	10	ug/L	U			5800	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	91-94-1	3,3'-Dichlorobenzidine	10	ug/L	U			0.17	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	99-09-2	3-Nitroaniline	25	ug/L	U			190	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	25	ug/L	U			1.5	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	101-55-3	4-Bromophenyl phenyl ether	10	ug/L	U				
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	59-50-7	4-Chloro-3-methylphenol	10	ug/L	U			1400	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	106-47-8	4-Chloroaniline	10	ug/L	U			0.37	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	10	ug/L	U				
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	106-44-5	4-Methylphenol	10	ug/L	U			370	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	100-01-6	4-Nitroaniline	25	ug/L	U			3.8	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	100-02-7	4-Nitrophenol	10	ug/L	U			5800	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	83-32-9	Acenaphthene	10	ug/L	U			510	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	208-96-8	Acenaphthylene	10	ug/L	U			20	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	62-53-3	Aniline	10	ug/L	U			13	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	120-12-7	Anthracene	10	ug/L	U			1800	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	92-87-5	Benzidine	10	ug/L	U			17	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	56-55-3	Benzo(a)anthracene	10	ug/L	U			2300	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	50-32-8	Benzo(a)pyrene	10	ug/L	U			0.025	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	205-99-2	Benzo(b)fluoranthene	10	ug/L	U			0.25	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	191-24-2	Benzo(g,h,i)perylene	10	ug/L	U			120	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	207-08-9	Benzo(k)fluoranthene	10	ug/L	U			2.5	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	65-85-0	Benzoic acid	10	ug/L	U			75000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	100-51-6	Benzyl alcohol	10	ug/L	U			2000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	111-91-1	Bis (2-chloroethoxy) methane	10	ug/L	U			59	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	111-44-4	Bis (2-chloroethyl) ether	10	ug/L	U			140	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	10	ug/L	U			5.6	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	10	ug/L	U			710	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	85-68-7	Butyl benzylphthalate	10	ug/L	U			16	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	86-74-8	Carbazole	10	ug/L	U			7.9	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	218-01-9	Chrysene	10	ug/L	U			25	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	53-70-3	Dibenzo(a,h)anthracene	10	ug/L	U			0.025	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	132-64-9	Dibenzofuran	10	ug/L	U			7.9	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	84-66-2	Diethyl phthalate	10	ug/L	U			15000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	131-11-3	Dimethyl phthalate	10	ug/L	U			15000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	84-74-2	Di-n-butylphthalate	10	ug/L	U			900	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	117-84-0	Di-n-octylphthalate	10	ug/L	U			200	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	206-44-0	Fluoranthene	10	ug/L	U			800	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	86-73-7	Fluorene	10	ug/L	U			280	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	118-74-1	Hexachlorobenzene	10	ug/L	U			1.3	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	77-47-4	Hexachlorocyclopentadiene	10	ug/L	U			48	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	67-72-1	Hexachloroethane	10	ug/L	U			7	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	10	ug/L	U			0.25	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	78-59-1	Isophorone	10	ug/L	U			78	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	98-95-3	Nitrobenzene	10	ug/L	U			800	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	62-75-9	N-Nitrosodimethylamine	10	ug/L	U			25	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	621-64-7	N-Nitrosodi-n-propylamine	10	ug/L	U			370	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	86-30-6	N-Nitrosodiphenylamine	10	ug/L	U			12	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	87-86-5	Pentachlorophenol	25	ug/L	U			53	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	85-01-8	Phenanthrene	10	ug/L	U			1800	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	108-95-2	Phenol	10	ug/L	U			5800	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	8270	129-00-0	Pyrene	10	ug/L	U			110	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	METALS	7440-36-0	Antimony	50	ug/L	U			7.8	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	METALS	7440-38-2	Arsenic	5	ug/L	U			6300	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	METALS	7440-39-3	Barium	10.8	ug/L				4000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	METALS	7440-41-7	Beryllium	5	ug/L	U			270000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	METALS	7440-43-9	Cadmium	5	ug/L	U			130000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	METALS	7440-47-3	Chromium	10	ug/L	U			30000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	METALS	7440-50-8	Copper	10	ug/L	U			5400000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	METALS	7439-89-6	Iron	53.1	ug/L				14000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	METALS	7439-92-1	Lead	3	ug/L	U			15	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	METALS	7439-96-5	Manganese	10	ug/L	U			3200000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	METALS	7439-97-6	Mercury	0.2	ug/L				11	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	METALS	7440-02-0	Nickel	10	ug/L	U			400	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	METALS	7782-49-2	Selenium	5	ug/L	U			100	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	METALS	7440-22-4	Silver	10	ug/L	U			1100000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	METALS	7440-28-0	Thallium	5	ug/L	U			0.2	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	METALS	7440-66-6	Zinc	10	ug/L	U			6000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	NWTPH-Dx	TPH-D	Diesel Range Organics	250	ug/L	U			100	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	NWTPH-Dx	MOIL	Residual Range Organics	750	ug/L	U			300	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	100	ug/L	U			14000	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	PCBS	12674-11-2	Aroclor-1016	1	ug/L	U			75	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	PCBS	11104-28-2	Aroclor-1221	1	ug/L	U			2.3	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	PCBS	11141-16-5	Aroclor-1232	1	ug/L	U			0.71	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	PCBS	53469-21-9	Aroclor-1242	1	ug/L	U			5.8	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	PCBS	12672-29-6	Aroclor-1248	1	ug/L	U			1.2	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	PCBS	11097-69-1	Aroclor-1254	1	ug/L	U			7.2	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	PCBS	11096-82-5	Aroclor-1260	1	ug/L	U			1.6	
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	100	ug/L	U				
MW-03	723588.724	7835026.029	1/10/2000	10.99 - 20.99	WG	N	000110BIL18GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	60	ug/L	U				
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8081 Pest	72-54-8	4,4'-DDD	0.000531	ug/L	U			3.2	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8081 Pest	72-55-9	4,4'-DDE	0.00246	ug/L	J			310	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8081 Pest	50-29-3	4,4'-DDT	0.000563	ug/L	U			0.23	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8081 Pest	309-00-2	Aldrin	0.000129	ug/L	U			3.5	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8081 Pest	319-84-6	alpha-BHC	0.000414	ug/L	U			18	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8081 Pest	319-85-7	beta-BHC	0.000481	ug/L	U			0.025	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8081 Pest	319-86-8	delta-BHC	0.000264	ug/L	U			0.0072	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8081 Pest	60-57-1	Dieldrin	0.000982	ug/L	J			2.4	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8081 Pest	959-98-8	Endosulfan I	0.000562	ug/L	U			98	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8081 Pest	33213-65-9	Endosulfan II	0.000426	ug/L	U			98	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.000605	ug/L	U			98	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8081 Pest	72-20-8	Endrin	0.000349	ug/L	U			170	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8081 Pest	7421-93-4	Endrin aldehyde	0.0011	ug/L	U			170	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8081 Pest	53494-70-5	Endrin ketone	0.000388	ug/L	U			170	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.000811	ug/L	U			100	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8081 Pest	76-44-8	Heptachlor	0.000848	ug/L	U			1.8	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.000421	ug/L	U			3.2	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8081 Pest	72-43-5	Methoxychlor	0.000605	ug/L	U			37	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8081 Pest	12789-03-6	technical-Chlordane	0.00361	ug/L	U			670	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8081 Pest	8001-35-2	Toxaphene	0.0131	ug/L	U			18	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8082	12674-11-2	Aroclor-1016	0.00218	ug/L	U			75	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8082	11104-28-2	Aroclor-1221	0.00542	ug/L	U			2.3	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8082	11141-16-5	Aroclor-1232	0.00258	ug/L	U			0.71	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8082	53469-21-9	Aroclor-1242	0.00358	ug/L	U			5.8	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8082	12672-29-6	Aroclor-1248	0.00169	ug/L	U			1.2	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8082	11097-69-1	Aroclor-1254	0.00218	ug/L	U			7.2	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8082	11096-82-5	Aroclor-1260	0.00119	ug/L	U			1.6	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8151	93-76-5	2,4,5-T	0.0566	ug/L	U			160	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8151	93-72-1	2,4,5-TP (Silvex)	0.0277	ug/L	U			110	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8151	94-75-7	2,4-D	0.0296	ug/L	U			77000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8151	94-82-6	2,4-DB	0.0577	ug/L	U				
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8151	120-36-5	2,4-DP (Dichloroprop)	0.0114	ug/L	U				
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8151	100-02-7	4-Nitrophenol	0.0114	ug/L	U			5800	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8151	75-99-0	Dalapon	0.0124	ug/L	U			600	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8151	1918-00-9	Dicamba	0.0221	ug/L	U			570	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8151	88-85-7	Dinoseb	0.0292	ug/L	U			15	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8151	94-74-6	MCPA	0.0114	ug/L	U			1700	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8151	93-65-2	MCPP	0.0134	ug/L	U			16	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.5	ug/L	U			36	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	71-55-6	1,1,1-Trichloroethane	0.5	ug/L	U			53000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.5	ug/L	U			30	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	79-00-5	1,1,2-Trichloroethane	0.5	ug/L	U			44	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	75-34-3	1,1-Dichloroethane	0.5	ug/L	U			55	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	75-35-4	1,1-Dichloroethene	0.5	ug/L	U			1300	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	563-58-6	1,1-Dichloropropene	0.5	ug/L	U			40	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	87-61-6	1,2,3-Trichlorobenzene	0.5	ug/L	U			7	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	96-18-4	1,2,3-Trichloropropane	0.5	ug/L	U			200	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	95-63-6	1,2,4-Trimethylbenzene	0.5	ug/L	U			2400	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	106-93-4	1,2-Dibromoethane (EDB)	0.5	ug/L	U			1.5	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	107-06-2	1,2-Dichloroethane	0.5	ug/L	U			18	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	78-87-5	1,2-Dichloropropane	0.5	ug/L	U			52	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	108-67-8	1,3,5-Trimethylbenzene	0.5	ug/L	U			1700	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	142-28-9	1,3-Dichloropropane	0.5	ug/L	U			370	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	594-20-7	2,2-Dichloropropane	0.5	ug/L	U			52	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	95-49-8	2-Chlorotoluene	0.5	ug/L	U			240	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	591-78-6	2-Hexanone	2.5	ug/L	U			72000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	106-43-4	4-Chlorotoluene	0.5	ug/L	U			250	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	67-64-1	Acetone	2.5	ug/L	U			18000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	71-43-2	Benzene	0.5	ug/L	U			12	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	108-86-1	Bromobenzene	0.5	ug/L	U			6300	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	74-97-5	Bromochloromethane	0.5	ug/L	U			450	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	75-27-4	Bromodichloromethane	0.5	ug/L	U			6.9	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	75-25-2	Bromoform	0.5	ug/L	U			1100	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	56-23-5	Carbon tetrachloride	0.5	ug/L	U			3.1	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	108-90-7	Chlorobenzene	0.5	ug/L	U			3400	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	75-00-3	Chloroethane	0.5	ug/L	U			57000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	67-66-3	Chloroform	0.5	ug/L	U			5.9	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	74-87-3	Chloromethane	0.5	ug/L	U			1500	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	156-59-2	cis-1,2-Dichloroethene	0.5	ug/L	U			1800	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	10061-01-5	cis-1,3-Dichloropropene	0.5	ug/L	U			40	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	124-48-1	Dibromochloromethane	0.5	ug/L	U			610	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	74-95-3	Dibromomethane	0.5	ug/L	U			950	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	75-71-8	Dichlorodifluoromethane	0.5	ug/L	U			41	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	100-41-4	Ethylbenzene	0.5	ug/L	U			31	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	98-82-8	Isopropylbenzene	0.5	ug/L	U			9100	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	75-09-2	Methylene chloride	0.5	ug/L	U			15000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	2.5	ug/L	U			4600000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	104-51-8	n-Butylbenzene	0.5	ug/L	U			1000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	103-65-1	n-Propylbenzene	0.5	ug/L	U			22000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	95-47-6	o-Xylene	0.5	ug/L	U			4300	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	99-87-6	p-Cymene	0.5	ug/L	U			9100	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	135-98-8	sec-Butylbenzene	0.5	ug/L	U			2000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	100-42-5	Styrene	0.5	ug/L	U			84000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	98-06-6	tert-Butylbenzene	0.5	ug/L	U			690	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	127-18-4	Tetrachloroethene	8.78	ug/L				130	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	108-88-3	Toluene	0.5	ug/L	U			150000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	156-60-5	trans-1,2-Dichloroethene	0.5	ug/L	U			457	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	10061-02-6	trans-1,3-Dichloropropene	0.5	ug/L	U			21	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	79-01-6	Trichloroethene	0.5	ug/L	U			7.4	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	75-69-4	Trichlorofluoromethane	0.5	ug/L	U			160000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	108-05-4	Vinyl acetate	2.5	ug/L	U			80000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8260	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	120-82-1	1,2,4-Trichlorobenzene	0.0183	ug/L	U			380	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	95-50-1	1,2-Dichlorobenzene	0.0183	ug/L	U			25000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	541-73-1	1,3-Dichlorobenzene	0.0195	ug/L	U			25	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	106-46-7	1,4-Dichlorobenzene	0.0601	ug/L	J			25	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	95-95-4	2,4,5-Trichlorophenol	0.0126	ug/L	U			1200	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	88-06-2	2,4,6-Trichlorophenol	0.0137	ug/L	U			1700	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	120-83-2	2,4-Dichlorophenol	0.0172	ug/L	U			46	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	105-67-9	2,4-Dimethylphenol	0.0172	ug/L	U			360	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	51-28-5	2,4-Dinitrophenol	0.0344	ug/L	U			39	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	121-14-2	2,4-Dinitrotoluene	0.0149	ug/L	U			0.24	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	606-20-2	2,6-Dinitrotoluene	0.0229	ug/L	U			830	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	91-58-7	2-Chloronaphthalene	0.00172	ug/L	U			750	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	95-57-8	2-Chlorophenol	0.0195	ug/L	U			91	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	91-57-6	2-Methylnaphthalene	0.0172	ug/L	U			36	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	95-48-7	2-Methylphenol	0.0275	ug/L	U			930	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	88-74-4	2-Nitroaniline	0.0206	ug/L	U			190	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	88-75-5	2-Nitrophenol	0.0252	ug/L	U			5800	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	91-94-1	3,3'-Dichlorobenzidine	0.0412	ug/L	U			0.17	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	99-09-2	3-Nitroaniline	0.0378	ug/L	U			190	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.0252	ug/L	U			1.5	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	101-55-3	4-Bromophenyl phenyl ether	0.0137	ug/L	U				
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	59-50-7	4-Chloro-3-methylphenol	0.0619	ug/L	U			1400	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	106-47-8	4-Chloroaniline	0.0447	ug/L	U			0.37	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.0172	ug/L	U				
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	106-44-5	4-Methylphenol	0.0263	ug/L	U			370	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	100-01-6	4-Nitroaniline	0.0241	ug/L	U			3.8	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	83-32-9	Acenaphthene	0.00183	ug/L	U			510	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	208-96-8	Acenaphthylene	0.00172	ug/L	U			20	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	62-53-3	Aniline	0.0573	ug/L	U			13	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	120-12-7	Anthracene	0.00172	ug/L	U			1800	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	92-87-5	Benzidine	0.0275	ug/L	U			17	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	56-55-3	Benzo(a)anthracene	0.00504	ug/L	U			2300	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	50-32-8	Benzo(a)pyrene	0.00538	ug/L	U			0.025	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	191-24-2	Benzo(g,h,i)perylene	0.00389	ug/L	U			120	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	56832-73-6	Benzofluoranthenes, Total	0.00435	ug/L	U				
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	65-85-0	Benzoic acid	0.0229	ug/L	U			75000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	100-51-6	Benzyl alcohol	0.0367	ug/L	U			2000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	111-91-1	Bis (2-chloroethoxy) methane	0.0206	ug/L	U			59	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	111-44-4	Bis (2-chloroethyl) ether	0.0218	ug/L	U			140	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	0.0745	ug/L	U			5.6	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.0241	ug/L	U			710	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	85-68-7	Butyl benzylphthalate	0.214	ug/L	U			16	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	86-74-8	Carbazole	0.00321	ug/L	U			7.9	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	218-01-9	Chrysene	0.00286	ug/L	U			25	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	53-70-3	Dibenzo(a,h)anthracene	0.00309	ug/L	U			0.025	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	132-64-9	Dibenzofuran	0.016	ug/L	U			7.9	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	84-66-2	Diethyl phthalate	0.0664	ug/L	U			15000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	131-11-3	Dimethyl phthalate	0.0183	ug/L	U			15000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	84-74-2	Di-n-butylphthalate	0.265	ug/L	U			900	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	117-84-0	Di-n-octylphthalate	0.0389	ug/L	U			200	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	206-44-0	Fluoranthene	0.00218	ug/L	U			800	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	86-73-7	Fluorene	0.0016	ug/L	U			280	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	118-74-1	Hexachlorobenzene	0.0229	ug/L	U			1.3	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	87-68-3	Hexachlorobutadiene	0.0332	ug/L	U			3.3	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	77-47-4	Hexachlorocyclopentadiene	0.0298	ug/L	U			48	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	67-72-1	Hexachloroethane	0.0458	ug/L	U			7	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	0.00344	ug/L	U			0.25	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	78-59-1	Isophorone	0.0206	ug/L	U			78	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	91-20-3	Naphthalene	0.00252	ug/L	U			20	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	98-95-3	Nitrobenzene	0.0515	ug/L	U			800	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	62-75-9	N-Nitrosodimethylamine	0.0378	ug/L	U			25	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	621-64-7	N-Nitrosodi-n-propylamine	0.0241	ug/L	U			370	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	86-30-6	N-Nitrosodiphenylamine	0.0115	ug/L	U			12	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	87-86-5	Pentachlorophenol	0.0195	ug/L	U			53	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	85-01-8	Phenanthrene	0.00252	ug/L	U			1800	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	108-95-2	Phenol	0.0367	ug/L	U			5800	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	8270	129-00-0	Pyrene	0.0016	ug/L	U			110	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	Krone	1002-53-5	Dibutyltin	0.0113	ug/L				6	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	Krone	78763-54-9	Monobutyltin	0.00682	ug/L				3.7	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	Krone	1461-25-2	Tetrabutyltin	0.00116	ug/L	U			3.7	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	Krone	688-73-3	Tributyltin	0.0287	ug/L	J			3.7	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	METALS	7440-36-0	Antimony	3	ug/L	U			7.8	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	METALS	7440-38-2	Arsenic	0.138	ug/L	J			6300	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	METALS	7440-39-3	Barium	7.15	ug/L				4000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	METALS	7440-41-7	Beryllium	0.0142	ug/L	U			270000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	METALS	7440-43-9	Cadmium	0.01	ug/L	J			130000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	METALS	7440-47-3	Chromium	1.95	ug/L	U			30000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	METALS	7440-50-8	Copper	2.34	ug/L				5400000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	METALS	7439-89-6	Iron	33.1	ug/L	J			14000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	METALS	7439-92-1	Lead	0.5	ug/L	U			15	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	METALS	7439-96-5	Manganese	3.17	ug/L				3200000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	METALS	7439-97-6	Mercury	0.131	ug/L	U			11	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	METALS	7440-02-0	Nickel	0.85	ug/L	J			400	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	METALS	7782-49-2	Selenium	0.385	ug/L	U			100	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	METALS	7440-22-4	Silver	0.1	ug/L	U			1100000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	METALS	7440-28-0	Thallium	0.159	ug/L	J			0.2	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	METALS	7440-66-6	Zinc	4.27	ug/L				6000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	NWTPH-Dx	TPH-D	Diesel Range Organics	100	ug/L	U			100	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	NWTPH-Dx	MOIL	Residual Range Organics	310	ug/L	J			300	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	100	ug/L	U			14000	
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.02748	ug/L	U				
MW-03	723588.724	7835026.029	5/1/2002	10.99 - 20.99	WG	N	020501BIL05GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.02969	ug/L	U				
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	300.0	24959-67-9	Bromide	10	ug/L	U				
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	6010B	7440-70-2	Calcium, Dissolved	12300	ug/L					
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	6010B	7439-89-6	Iron	112	ug/L				14000	
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	6010B	7439-89-6	Iron, Dissolved	5.8	ug/L	J			14000	
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	6010B	7439-95-4	Magnesium, Dissolved	4200	ug/L					
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	6010B	7440-09-7	Potassium, Dissolved	808	ug/L	J				
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	6010B	7440-23-5	Sodium, Dissolved	4100	ug/L					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	6020	7440-38-2	Arsenic	0.35	ug/L	J			6300	
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	6020	7440-38-2	Arsenic, Dissolved	0.5	ug/L	U			6300	
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	6020	7439-92-1	Lead	0.154	ug/L				15	
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	6020	7439-92-1	Lead, Dissolved	0.012	ug/L	J			15	
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	6020	7439-96-5	Manganese	6.25	ug/L				3200000	
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	6020	7439-96-5	Manganese, Dissolved	0.55	ug/L				3200000	
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	8260B	127-18-4	Tetrachloroethene	6.8	ug/L				130	
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	8270C	106-46-7	1,4-Dichlorobenzene	0.03	ug/L	U			25	
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	8270C	100-02-7	4-Nitrophenol	0.29	ug/L	U			5800	
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	8270C	85-01-8	Phenanthrene	0.023	ug/L	U			1800	
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	8270C	108-95-2	Phenol	0.065	ug/L	U			5800	
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	Krone	1002-53-5	Dibutyltin	0.015	ug/L	J			6	
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	Krone	78763-54-9	Monobutyltin	0.011	ug/L	U			3.7	
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	NWTPH-Dx	TPH-D	Diesel Range Organics	110	ug/L	U			100	
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	NWTPH-Dx	MOIL	Residual Range Organics	110	ug/L	U			300	
MW-03	723588.724	7835026.029	4/17/2008	10.99 - 20.99	WG	N	080417MW3 GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	18	ug/L	J			14000	
MW-03	723588.724	7835026.029	7/17/2008	10.99 - 20.99	WG	N	080717MW3GW	6010B	7439-89-6	Iron	57.8	ug/L	U			14000	
MW-03	723588.724	7835026.029	7/17/2008	10.99 - 20.99	WG	N	080717MW3GW	6010B	7439-89-6	Iron, Dissolved	4	ug/L	U			14000	
MW-03	723588.724	7835026.029	7/17/2008	10.99 - 20.99	WG	N	080717MW3GW	6010B	7439-96-5	Manganese	4.2	ug/L	J			3200000	
MW-03	723588.724	7835026.029	7/17/2008	10.99 - 20.99	WG	N	080717MW3GW	6010B	7439-96-5	Manganese, Dissolved	0.4	ug/L	J			3200000	
MW-03	723588.724	7835026.029	7/17/2008	10.99 - 20.99	WG	N	080717MW3GW	6020	7440-38-2	Arsenic	0.4	ug/L	J			6300	
MW-03	723588.724	7835026.029	7/17/2008	10.99 - 20.99	WG	N	080717MW3GW	6020	7440-38-2	Arsenic, Dissolved	0.22	ug/L	J			6300	
MW-03	723588.724	7835026.029	7/17/2008	10.99 - 20.99	WG	N	080717MW3GW	6020	7439-92-1	Lead	0.056	ug/L	U			15	
MW-03	723588.724	7835026.029	7/17/2008	10.99 - 20.99	WG	N	080717MW3GW	6020	7439-92-1	Lead, Dissolved	0.03	ug/L	U			15	
MW-03	723588.724	7835026.029	7/17/2008	10.99 - 20.99	WG	N	080717MW3GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-03	723588.724	7835026.029	7/17/2008	10.99 - 20.99	WG	N	080717MW3GW	8260B	127-18-4	Tetrachloroethene	7.2	ug/L				130	
MW-03	723588.724	7835026.029	7/17/2008	10.99 - 20.99	WG	N	080717MW3GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-03	723588.724	7835026.029	7/17/2008	10.99 - 20.99	WG	N	080717MW3GW	8270C	106-46-7	1,4-Dichlorobenzene	0.032	ug/L	U			25	
MW-03	723588.724	7835026.029	7/17/2008	10.99 - 20.99	WG	N	080717MW3GW	8270C	100-02-7	4-Nitrophenol	0.31	ug/L	U			5800	
MW-03	723588.724	7835026.029	7/17/2008	10.99 - 20.99	WG	N	080717MW3GW	8270C	85-01-8	Phenanthrene	0.024	ug/L	U			1800	
MW-03	723588.724	7835026.029	7/17/2008	10.99 - 20.99	WG	N	080717MW3GW	8270C	108-95-2	Phenol	0.069	ug/L	U			5800	
MW-03	723588.724	7835026.029	7/17/2008	10.99 - 20.99	WG	N	080717MW3GW	Krone	1002-53-5	Dibutyltin	0.091	ug/L	J			6	
MW-03	723588.724	7835026.029	7/17/2008	10.99 - 20.99	WG	N	080717MW3GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	UJ			3.7	
MW-03	723588.724	7835026.029	7/17/2008	10.99 - 20.99	WG	N	080717MW3GW	NWTPH-Dx	TPH-D	Diesel Range Organics	110	ug/L	U			100	
MW-03	723588.724	7835026.029	7/17/2008	10.99 - 20.99	WG	N	080717MW3GW	NWTPH-Dx	MOIL	Residual Range Organics	110	ug/L	U			300	
MW-03	723588.724	7835026.029	7/17/2008	10.99 - 20.99	WG	N	080717MW3GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-03	723588.724	7835026.029	10/23/2008	10.99 - 20.99	WG	N	081023MW3GW	6010B	7439-89-6	Iron	9.4	ug/L	J			14000	
MW-03	723588.724	7835026.029	10/23/2008	10.99 - 20.99	WG	N	081023MW3GW	6010B	7439-89-6	Iron, Dissolved	4	ug/L	U			14000	
MW-03	723588.724	7835026.029	10/23/2008	10.99 - 20.99	WG	N	081023MW3GW	6020	7440-38-2	Arsenic	0.52	ug/L				6300	
MW-03	723588.724	7835026.029	10/23/2008	10.99 - 20.99	WG	N	081023MW3GW	6020	7440-38-2	Arsenic, Dissolved	0.64	ug/L				6300	
MW-03	723588.724	7835026.029	10/23/2008	10.99 - 20.99	WG	N	081023MW3GW	6020	7439-92-1	Lead	0.02	ug/L	U			15	
MW-03	723588.724	7835026.029	10/23/2008	10.99 - 20.99	WG	N	081023MW3GW	6020	7439-92-1	Lead, Dissolved	0.02	ug/L	U			15	
MW-03	723588.724	7835026.029	10/23/2008	10.99 - 20.99	WG	N	081023MW3GW	6020	7439-96-5	Manganese	0.81	ug/L				3200000	
MW-03	723588.724	7835026.029	10/23/2008	10.99 - 20.99	WG	N	081023MW3GW	6020	7439-96-5	Manganese, Dissolved	0.4	ug/L	U			3200000	
MW-03	723588.724	7835026.029	10/23/2008	10.99 - 20.99	WG	N	081023MW3GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-03	723588.724	7835026.029	10/23/2008	10.99 - 20.99	WG	N	081023MW3GW	8260B	127-18-4	Tetrachloroethene	5.9	ug/L				130	
MW-03	723588.724	7835026.029	10/23/2008	10.99 - 20.99	WG	N	081023MW3GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-03	723588.724	7835026.029	10/23/2008	10.99 - 20.99	WG	N	081023MW3GW	8270C	106-46-7	1,4-Dichlorobenzene	0.03	ug/L	UJ			25	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	10/23/2008	10.99 - 20.99	WG	N	081023MW3GW	8270C	100-02-7	4-Nitrophenol	0.29	ug/L	U			5800	
MW-03	723588.724	7835026.029	10/23/2008	10.99 - 20.99	WG	N	081023MW3GW	8270C	85-01-8	Phenanthrene	0.023	ug/L	U			1800	
MW-03	723588.724	7835026.029	10/23/2008	10.99 - 20.99	WG	N	081023MW3GW	8270C	108-95-2	Phenol	0.065	ug/L	U			5800	
MW-03	723588.724	7835026.029	10/23/2008	10.99 - 20.99	WG	N	081023MW3GW	Krone	1002-53-5	Dibutyltin	0.0073	ug/L	U			6	
MW-03	723588.724	7835026.029	10/23/2008	10.99 - 20.99	WG	N	081023MW3GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-03	723588.724	7835026.029	10/23/2008	10.99 - 20.99	WG	N	081023MW3GW	NWTPH-Dx	TPH-D	Diesel Range Organics	13	ug/L	J			100	
MW-03	723588.724	7835026.029	10/23/2008	10.99 - 20.99	WG	N	081023MW3GW	NWTPH-Dx	MOIL	Residual Range Organics	110	ug/L	U			300	
MW-03	723588.724	7835026.029	10/23/2008	10.99 - 20.99	WG	N	081023MW3GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-03	723588.724	7835026.029	1/13/2009	10.99 - 20.99	WG	N	090113MW3GW	6010B	7439-89-6	Iron	60.6	ug/L	U			14000	
MW-03	723588.724	7835026.029	1/13/2009	10.99 - 20.99	WG	N	090113MW3GW	6010B	7439-89-6	Iron, Dissolved	20	ug/L	U			14000	
MW-03	723588.724	7835026.029	1/13/2009	10.99 - 20.99	WG	N	090113MW3GW	6020	7440-38-2	Arsenic	0.5	ug/L	U			6300	
MW-03	723588.724	7835026.029	1/13/2009	10.99 - 20.99	WG	N	090113MW3GW	6020	7440-38-2	Arsenic, Dissolved	0.5	ug/L	U			6300	
MW-03	723588.724	7835026.029	1/13/2009	10.99 - 20.99	WG	N	090113MW3GW	6020	7439-92-1	Lead	0.04	ug/L				15	
MW-03	723588.724	7835026.029	1/13/2009	10.99 - 20.99	WG	N	090113MW3GW	6020	7439-92-1	Lead, Dissolved	0.006	ug/L	U			15	
MW-03	723588.724	7835026.029	1/13/2009	10.99 - 20.99	WG	N	090113MW3GW	6020	7439-96-5	Manganese	2.07	ug/L				3200000	
MW-03	723588.724	7835026.029	1/13/2009	10.99 - 20.99	WG	N	090113MW3GW	6020	7439-96-5	Manganese, Dissolved	0.45	ug/L				3200000	
MW-03	723588.724	7835026.029	1/13/2009	10.99 - 20.99	WG	N	090113MW3GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-03	723588.724	7835026.029	1/13/2009	10.99 - 20.99	WG	N	090113MW3GW	8260B	127-18-4	Tetrachloroethene	5.7	ug/L				130	
MW-03	723588.724	7835026.029	1/13/2009	10.99 - 20.99	WG	N	090113MW3GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-03	723588.724	7835026.029	1/13/2009	10.99 - 20.99	WG	N	090113MW3GW	8270C	106-46-7	1,4-Dichlorobenzene	0.03	ug/L	U			25	
MW-03	723588.724	7835026.029	1/13/2009	10.99 - 20.99	WG	N	090113MW3GW	8270C	100-02-7	4-Nitrophenol	0.29	ug/L	U			5800	
MW-03	723588.724	7835026.029	1/13/2009	10.99 - 20.99	WG	N	090113MW3GW	8270C	85-01-8	Phenanthrene	0.023	ug/L	U			1800	
MW-03	723588.724	7835026.029	1/13/2009	10.99 - 20.99	WG	N	090113MW3GW	8270C	108-95-2	Phenol	0.065	ug/L	U			5800	
MW-03	723588.724	7835026.029	1/13/2009	10.99 - 20.99	WG	N	090113MW3GW	Krone	1002-53-5	Dibutyltin	0.0073	ug/L	U			6	
MW-03	723588.724	7835026.029	1/13/2009	10.99 - 20.99	WG	N	090113MW3GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-03	723588.724	7835026.029	1/13/2009	10.99 - 20.99	WG	N	090113MW3GW	NWTPH-Dx	TPH-D	Diesel Range Organics	23	ug/L	J			100	
MW-03	723588.724	7835026.029	1/13/2009	10.99 - 20.99	WG	N	090113MW3GW	NWTPH-Dx	MOIL	Residual Range Organics	51	ug/L	J			300	
MW-03	723588.724	7835026.029	1/13/2009	10.99 - 20.99	WG	N	090113MW3GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0008129	ug/L				1.3	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	2051-60-7	PCB-1	0.000031	ug/L	J				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	33146-45-1	PCB-10	0.000042	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	39485-83-1	PCB-100	0.000042	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	37680-73-2	PCB-101	0.00001	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	68194-06-9	PCB-102	0.000032	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	60145-21-3	PCB-103	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	56558-16-8	PCB-104	0.0000032	ug/L	J				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	32598-14-4	PCB-105	0.0000061	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	70424-69-0	PCB-106	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	70424-68-9	PCB-107	0.000032	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	70362-41-3	PCB-108	0.0000079	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74472-35-8	PCB-109	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	2050-67-1	PCB-11	0.00005	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	38380-03-9	PCB-110	0.000014	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	39635-32-0	PCB-111	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74472-36-9	PCB-112	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	68194-10-5	PCB-113	0.00001	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74472-37-0	PCB-114	0.000021	ug/L	U			2.9	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74472-38-1	PCB-115	0.000014	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	18259-05-7	PCB-116	0.000053	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	68194-11-6	PCB-117	0.000053	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	31508-00-6	PCB-118	0.000013	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	56558-17-9	PCB-119	0.0000079	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	2974-92-7	PCB-12	0.000074	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	68194-12-7	PCB-120	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	56558-18-0	PCB-121	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	76842-07-4	PCB-122	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	65510-44-3	PCB-123	0.000021	ug/L	U			1.4	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	70424-70-3	PCB-124	0.000032	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74472-39-2	PCB-125	0.0000079	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	57465-28-8	PCB-126	0.000021	ug/L	U			0.00042	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	39635-33-1	PCB-127	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	38380-07-3	PCB-128	0.0000043	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	55215-18-4	PCB-129	0.000031	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	2974-90-5	PCB-13	0.000074	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52663-66-8	PCB-130	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	61798-70-7	PCB-131	0.000021	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	38380-05-1	PCB-132	0.0000069	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	35694-04-3	PCB-133	0.000011	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52704-70-8	PCB-134	0.000032	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52744-13-5	PCB-135	0.0000077	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	38411-22-2	PCB-136	0.0000021	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	35694-06-5	PCB-137	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	35065-28-2	PCB-138	0.000031	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	56030-56-9	PCB-139	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	34883-41-5	PCB-14	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	59291-64-4	PCB-140	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52712-04-6	PCB-141	0.0000048	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	41411-61-4	PCB-142	0.000021	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	68194-15-0	PCB-143	0.000032	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	68194-14-9	PCB-144	0.000021	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74472-40-5	PCB-145	0.000011	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	51908-16-8	PCB-146	0.0000031	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	68194-13-8	PCB-147	0.000018	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74472-41-6	PCB-148	0.000021	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	38380-04-0	PCB-149	0.000018	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	2050-68-2	PCB-15	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	68194-08-1	PCB-150	0.000021	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52663-63-5	PCB-151	0.0000077	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	68194-09-2	PCB-152	0.000011	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	35065-27-1	PCB-153	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	60145-22-4	PCB-154	0.000021	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	33979-03-2	PCB-155	0.000032	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	38380-08-4	PCB-156	0.0000039	ug/L	U			7	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	69782-90-7	PCB-157	0.0000039	ug/L	U			1.6	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74472-42-7	PCB-158	0.0000026	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	39635-35-3	PCB-159	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	38444-78-9	PCB-16	0.0000036	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	41411-62-5	PCB-160	0.000021	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74472-43-8	PCB-161	0.000021	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	39635-34-2	PCB-162	0.000021	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74472-44-9	PCB-163	0.000031	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74472-45-0	PCB-164	0.000021	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74472-46-1	PCB-165	0.000021	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	41411-63-6	PCB-166	0.0000043	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52663-72-6	PCB-167	0.0000014	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	59291-65-5	PCB-168	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	32774-16-6	PCB-169	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	37680-66-3	PCB-17	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	35065-30-6	PCB-170	0.0000094	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52663-71-5	PCB-171	0.0000028	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52663-74-8	PCB-172	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	68194-16-1	PCB-173	0.0000028	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	38411-25-5	PCB-174	0.0000095	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	40186-70-7	PCB-175	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52663-65-7	PCB-176	0.0000013	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52663-70-4	PCB-177	0.0000041	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52663-67-9	PCB-178	0.0000027	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52663-64-6	PCB-179	0.0000037	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	37680-65-2	PCB-18	0.0000045	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	35065-29-3	PCB-180	0.000022	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74472-47-2	PCB-181	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	60145-23-5	PCB-182	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52663-69-1	PCB-183	0.000006	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74472-48-3	PCB-184	0.000021	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52712-05-7	PCB-185	0.000032	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74472-49-4	PCB-186	0.000021	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52663-68-0	PCB-187	0.000011	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74487-85-7	PCB-188	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	39635-31-9	PCB-189	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	38444-73-4	PCB-19	0.0000051	ug/L	J				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	41411-64-7	PCB-190	0.0000018	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74472-50-7	PCB-191	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74472-51-8	PCB-192	0.000011	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	69782-91-8	PCB-193	0.000022	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	35694-08-7	PCB-194	0.0000058	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52663-78-2	PCB-195	0.0000018	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	42740-50-1	PCB-196	0.0000035	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	33091-17-7	PCB-197	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	68194-17-2	PCB-198	0.000005	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52663-75-9	PCB-199	0.000005	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	2051-61-8	PCB-2	0.000034	ug/L	J				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	38444-84-7	PCB-20	0.0000077	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52663-73-7	PCB-200	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	40186-71-8	PCB-201	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	2136-99-4	PCB-202	0.0000014	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52663-76-0	PCB-203	0.0000036	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74472-52-9	PCB-204	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74472-53-0	PCB-205	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	40186-72-9	PCB-206	0.0000013	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52663-79-3	PCB-207	0.000021	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52663-77-1	PCB-208	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	2051-24-3	PCB-209	0.0000011	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	55702-46-0	PCB-21	0.0000049	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	38444-85-8	PCB-22	0.0000026	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	55720-44-0	PCB-23	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	55702-45-9	PCB-24	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	55712-37-3	PCB-25	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	38444-81-4	PCB-26	0.000042	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	38444-76-7	PCB-27	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	7012-37-5	PCB-28	0.0000077	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	15862-07-4	PCB-29	0.000042	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	2051-62-9	PCB-3	0.00017	ug/L	J				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	35693-92-6	PCB-30	0.0000045	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	16606-02-3	PCB-31	0.0000088	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	38444-77-8	PCB-32	0.0000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	38444-86-9	PCB-33	0.0000049	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	37680-68-5	PCB-34	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	37680-69-6	PCB-35	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	38444-87-0	PCB-36	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	38444-90-5	PCB-37	0.0000047	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	53555-66-1	PCB-38	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	38444-88-1	PCB-39	0.000032	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	13029-08-8	PCB-4	0.000042	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	38444-93-8	PCB-40	0.0000024	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52663-59-9	PCB-41	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	36559-22-5	PCB-42	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	70362-46-8	PCB-43	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	41464-39-5	PCB-44	0.0000099	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	70362-45-7	PCB-45	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	41464-47-5	PCB-46	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	2437-79-8	PCB-47	0.0000099	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	70362-47-9	PCB-48	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	41464-40-8	PCB-49	0.0000027	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	16605-91-7	PCB-5	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	62796-65-0	PCB-50	0.000032	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	68194-04-7	PCB-51	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	35693-99-3	PCB-52	0.0000082	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	41464-41-9	PCB-53	0.000032	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	15968-05-5	PCB-54	0.0000035	ug/L	J				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74338-24-2	PCB-55	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	41464-43-1	PCB-56	0.0000023	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	70424-67-8	PCB-57	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	41464-49-7	PCB-58	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74472-33-6	PCB-59	0.000053	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	25569-80-6	PCB-6	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	33025-41-1	PCB-60	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	33284-53-6	PCB-61	0.0000087	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	54230-22-7	PCB-62	0.000053	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74472-34-7	PCB-63	0.000032	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52663-58-8	PCB-64	0.000003	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	33284-54-7	PCB-65	0.0000099	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	32598-10-0	PCB-66	0.0000039	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	73575-53-8	PCB-67	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	73575-52-7	PCB-68	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	60233-24-1	PCB-69	0.0000027	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	33284-50-3	PCB-7	0.000026	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	32598-11-1	PCB-70	0.0000087	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	41464-46-4	PCB-71	0.0000024	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	41464-42-0	PCB-72	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	74338-23-1	PCB-73	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	32690-93-0	PCB-74	0.0000087	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	32598-12-2	PCB-75	0.000053	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	70362-48-0	PCB-76	0.0000087	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	32598-13-3	PCB-77	0.0000014	ug/L	J			0.006	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	70362-49-1	PCB-78	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	41464-48-6	PCB-79	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	34883-43-7	PCB-8	0.000026	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	33284-52-5	PCB-80	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	70362-50-4	PCB-81	0.000021	ug/L	U			0.12	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52663-62-4	PCB-82	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	60145-20-2	PCB-83	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52663-60-2	PCB-84	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	65510-45-4	PCB-85	0.000053	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	55312-69-1	PCB-86	0.0000079	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	38380-02-8	PCB-87	0.0000079	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	55215-17-3	PCB-88	0.000042	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	73575-57-2	PCB-89	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	34883-39-1	PCB-9	0.000026	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	68194-07-0	PCB-90	0.00001	ug/L	J				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	68194-05-8	PCB-91	0.000042	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	52663-61-3	PCB-92	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	73575-56-1	PCB-93	0.000042	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	73575-55-0	PCB-94	0.000032	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	38379-99-6	PCB-95	0.000008	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	73575-54-9	PCB-96	0.000021	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	41464-51-1	PCB-97	0.0000079	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	60233-25-2	PCB-98	0.000032	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	1668C	38380-01-7	PCB-99	0.0000034	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	NWTPH-DX	TPH-D	Diesel Range Organics	110	ug/L	U			100	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	NWTPH-DX	MOIL	Residual Range Organics	320	ug/L	U			300	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	NWTPH-GX	TPH-G	Gasoline Range Organics	40	ug/L	U			14000	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	ORGANOTINS	1002-53-5	Dibutyltin	0.21	ug/L	UJ			6	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	ORGANOTINS	78763-54-9	Monobutyltin	0.17	ug/L	UJ			3.7	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	ORGANOTINS	1461-25-2	Tetrabutyltin	0.28	ug/L	UJ			3.7	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	MW-3-GW	ORGANOTINS	688-73-3	Tributyltin	0.2	ug/L	UJ			3.7	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7429-90-5	Aluminum	2920	ug/L				20000	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7440-36-0	Antimony	4.25	ug/L	U			7.8	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7440-38-2	Arsenic	5	ug/L	U			6300	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7440-39-3	Barium	11.9	ug/L	J			4000	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7440-41-7	Beryllium	2	ug/L	U			270000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7440-69-9	Bismuth	101	ug/L					
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7440-43-9	Cadmium	2	ug/L	U			130000	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7440-70-2	Calcium	16700	ug/L					
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7440-47-3	Chromium	10	ug/L	U			30000	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7440-48-4	Cobalt	10	ug/L	U			6	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7440-50-8	Copper	10.6	ug/L	J			5400000	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7440-69-9	Germanium	94.5	ug/L					
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7440-74-6	Indium	96.9	ug/L					
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7439-89-6	Iron	3400	ug/L				14000	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7439-92-1	Lead	5	ug/L	U			15	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7439-93-2	Lithium	94.4	ug/L					
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7439-95-4	Magnesium	6940	ug/L	J				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7439-96-5	Manganese	168	ug/L				3200000	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7440-02-0	Nickel	10	ug/L	U			400	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7440-09-7	Potassium	1050	ug/L					
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7440-20-2	Scandium	95.5	ug/L					
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7782-49-2	Selenium	10	ug/L	U			100	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7440-22-4	Silver	1	ug/L	U			1100000	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7440-23-5	Sodium	9360	ug/L	J				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	15492-51-0	Terbium	101	ug/L					
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7440-28-0	Thallium	1	ug/L	U			0.2	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7440-62-2	Vanadium	50	ug/L				86	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7440-65-5	Yttrium	99.7	ug/L					
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW6020B	7440-66-6	Zinc	12	ug/L	J			6000	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW7470A	7439-97-6	Mercury	0.4	ug/L	U			11	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	53-19-0	2,4-DDD	0.0103	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	3424-82-6	2,4-DDE	0.0103	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	789-02-6	2,4-DDT	0.0103	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	72-54-8	4,4'-DDD	0.0105	ug/L	UJ			3.2	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	72-55-9	4,4'-DDE	0.021	ug/L	U			310	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	50-29-3	4,4'-DDT	0.0524	ug/L	U			0.23	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	309-00-2	Aldrin	0.021	ug/L	U			3.5	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	319-84-6	alpha-BHC	0.021	ug/L	U			18	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	5103-71-9	alpha-Chlordane	0.0262	ug/L	U			0.45	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	319-85-7	beta-BHC	0.021	ug/L	U			0.025	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	319-86-8	delta-BHC	0.021	ug/L	U			0.0072	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	60-57-1	Dieldrin	0.021	ug/L	U			2.4	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	959-98-8	Endosulfan I	0.021	ug/L	U			98	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	33213-65-9	Endosulfan II	0.021	ug/L	U			98	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	1031-07-8	Endosulfan sulfate	0.0262	ug/L	U			98	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	72-20-8	Endrin	0.021	ug/L	UJ			170	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	7421-93-4	Endrin aldehyde	0.0262	ug/L	U			170	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	53494-70-5	Endrin ketone	0.021	ug/L	U			170	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	58-89-9	gamma-BHC (Lindane)	0.021	ug/L	U			100	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	5103-74-2	gamma-Chlordane	0.0262	ug/L	U			0.45	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	76-44-8	Heptachlor	0.021	ug/L	U			1.8	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	1024-57-3	Heptachlor epoxide	0.021	ug/L	U			3.2	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	72-43-5	Methoxychlor	0.0524	ug/L	U			37	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	27304-13-8	Oxychlordane	0.0103	ug/L	UJ				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8081B	8001-35-2	Toxaphene	1.05	ug/L	U			18	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	630-20-6	1,1,1,2-Tetrachloroethane	0.2	ug/L	U			36	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	79-34-5	1,1,2,2-Tetrachloroethane	0.2	ug/L	U			30	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	79-00-5	1,1,2-Trichloroethane	0.2	ug/L	U			44	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	75-34-3	1,1-Dichloroethane	0.2	ug/L	U			55	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	96-18-4	1,2,3-Trichloropropane	0.2	ug/L	U			200	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	95-63-6	1,2,4-Trimethylbenzene	0.2	ug/L	U			2400	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	106-93-4	1,2-Dibromoethane (EDB)	0.2	ug/L	U			1.5	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	107-06-2	1,2-Dichloroethane	0.3	ug/L	U			18	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	78-87-5	1,2-Dichloropropane	0.3	ug/L	U			52	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	106-46-7	1,4-Dichlorobenzene	0.2	ug/L	U			25	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	594-20-7	2,2-Dichloropropane	0.2	ug/L	U			52	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	71-43-2	Benzene	0.2	ug/L	U			12	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	74-97-5	Bromochloromethane	0.2	ug/L	U			450	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	75-27-4	Bromodichloromethane	0.2	ug/L	U			6.9	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	56-23-5	Carbon tetrachloride	0.2	ug/L	U			3.1	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	67-66-3	Chloroform	0.3	ug/L	U			5.9	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	156-59-2	cis-1,2-Dichloroethene	0.3	ug/L	U			1800	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	10061-01-5	cis-1,3-Dichloropropene	0.2	ug/L	U			40	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	124-48-1	Dibromochloromethane	0.2	ug/L	U			610	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	74-95-3	Dibromomethane	0.2	ug/L	U			950	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	87-68-3	Hexachlorobutadiene	0.2	ug/L	U			3.3	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	98-82-8	Isopropylbenzene	0.2	ug/L	U			9100	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	103-65-1	n-Propylbenzene	0.2	ug/L	U			22000	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	127-18-4	Tetrachloroethene	1.18	ug/L				130	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	10061-02-6	trans-1,3-Dichloropropene	0.2	ug/L	U			21	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	79-01-6	Trichloroethene	0.2	ug/L	U			7.4	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8260B/D	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D	1319-77-3	3 & 4-Methylphenol	0.524	ug/L	U			370	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D	91-94-1	3,3'-Dichlorobenzidine	10.5	ug/L	U			0.17	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D	100-02-7	4-Nitrophenol	5.24	ug/L	U			5800	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D	92-87-5	Benzidine	41.9	ug/L	U			17	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D	111-44-4	Bis (2-chloroethyl) ether	0.524	ug/L	U			140	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D	85-68-7	Butyl benzylphthalate	0.524	ug/L	U			16	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D	86-74-8	Carbazole	0.524	ug/L	U			7.9	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D	132-64-9	Dibenzofuran	0.314	ug/L	U			7.9	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D	84-74-2	Di-n-butylphthalate	6.29	ug/L	U			900	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D	117-84-0	Di-n-octylphthalate	5.24	ug/L	U			200	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D	118-74-1	Hexachlorobenzene	0.524	ug/L	U			1.3	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D	62-75-9	N-Nitrosodimethylamine	0.524	ug/L	U			25	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	1.05	ug/L	U			370	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D	108-95-2	Phenol	0.524	ug/L	U			5800	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D SIM	91-57-6	2-Methylnaphthalene	0.0417	ug/L	U			36	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D SIM	83-32-9	Acenaphthene	0.0417	ug/L	U			510	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D SIM	208-96-8	Acenaphthylene	0.0417	ug/L	U			20	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D SIM	120-12-7	Anthracene	0.0417	ug/L	U			1800	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D SIM	56-55-3	Benzo(a)anthracene	0.0834	ug/L	U			2300	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D SIM	50-32-8	Benzo(a)pyrene	0.0626	ug/L	U			0.025	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D SIM	205-99-2	Benzo(b)fluoranthene	0.0626	ug/L	U			0.25	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D SIM	191-24-2	Benzo(g,h,i)perylene	0.0834	ug/L	U			120	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D SIM	207-08-9	Benzo(k)fluoranthene	0.0834	ug/L	U			2.5	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D SIM	117-81-7	Bis (2-ethylhexyl) phthalate	1.04	ug/L	U			5.6	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D SIM	218-01-9	Chrysene	0.125	ug/L	U			25	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D SIM	53-70-3	Dibenzo(a,h)anthracene	0.125	ug/L	U			0.025	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D SIM	206-44-0	Fluoranthene	0.0834	ug/L	U			800	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D SIM	86-73-7	Fluorene	0.0417	ug/L	U			280	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0834	ug/L	U			0.25	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D SIM	91-20-3	Naphthalene	0.0834	ug/L	U			20	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D SIM	85-01-8	Phenanthrene	0.125	ug/L	U			1800	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	SW8270D SIM	129-00-0	Pyrene	0.0626	ug/L	U			110	
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.211499	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.8548	ug/L	U				
MW-03	723588.724	7835026.029	4/7/2022	10.99 - 20.99	WG	N	22D0402-04	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.4586	ug/L	U				
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8081 Pest	72-54-8	4,4'-DDD	0.094	ug/L	U			3.2	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8081 Pest	72-55-9	4,4'-DDE	0.094	ug/L	U			310	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8081 Pest	50-29-3	4,4'-DDT	0.094	ug/L	U			0.23	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8081 Pest	309-00-2	Aldrin	0.047	ug/L	U			3.5	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8081 Pest	319-84-6	alpha-BHC	0.047	ug/L	U			18	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8081 Pest	5103-71-9	alpha-Chlordane	0.047	ug/L	U			0.45	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8081 Pest	319-85-7	beta-BHC	0.047	ug/L	U			0.025	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8081 Pest	319-86-8	delta-BHC	0.047	ug/L	U			0.0072	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8081 Pest	60-57-1	Dieldrin	0.094	ug/L	U			2.4	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8081 Pest	959-98-8	Endosulfan I	0.047	ug/L	U			98	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8081 Pest	33213-65-9	Endosulfan II	0.094	ug/L	U			98	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.094	ug/L	U			98	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8081 Pest	72-20-8	Endrin	0.094	ug/L	U			170	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8081 Pest	7421-93-4	Endrin aldehyde	0.094	ug/L	U			170	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8081 Pest	53494-70-5	Endrin ketone	0.094	ug/L	U			170	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.047	ug/L	U			100	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8081 Pest	5103-74-2	gamma-Chlordane	0.047	ug/L	U			0.45	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8081 Pest	76-44-8	Heptachlor	0.047	ug/L	U			1.8	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.047	ug/L	U			3.2	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8081 Pest	72-43-5	Methoxychlor	0.47	ug/L	U			37	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8081 Pest	8001-35-2	Toxaphene	0.94	ug/L	U			18	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8151	93-76-5	2,4,5-T	0.15	ug/L	U			160	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8151	93-72-1	2,4,5-TP (Silvex)	0.1	ug/L	U			110	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8151	94-75-7	2,4-D	1	ug/L	U			77000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8151	94-82-6	2,4-DB	1	ug/L	U				
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8151	120-36-5	2,4-DP (Dichloroprop)	1	ug/L	U				
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8151	75-99-0	Dalapon	2	ug/L	U			600	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8151	1918-00-9	Dicamba	0.1	ug/L	U			570	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8151	88-85-7	Dinoseb	0.5	ug/L	U			15	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8151	94-74-6	MCPA	50	ug/L	U			1700	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8151	93-65-2	MCPP	50	ug/L	U			16	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	1	ug/L	U			36	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	71-55-6	1,1,1-Trichloroethane	1	ug/L	U			53000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	1	ug/L	U			30	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	79-00-5	1,1,2-Trichloroethane	1	ug/L	U			44	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	75-34-3	1,1-Dichloroethane	1	ug/L	U			55	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	75-35-4	1,1-Dichloroethene	1	ug/L	U			1300	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	563-58-6	1,1-Dichloropropene	1	ug/L	U			40	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	87-61-6	1,2,3-Trichlorobenzene	5	ug/L	U			7	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	96-18-4	1,2,3-Trichloropropane	1	ug/L	U			200	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	120-82-1	1,2,4-Trichlorobenzene	5	ug/L	U			380	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	95-63-6	1,2,4-Trimethylbenzene	1	ug/L	U			2400	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	3	ug/L	U			0.34	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	106-93-4	1,2-Dibromoethane (EDB)	1	ug/L	U			1.5	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	95-50-1	1,2-Dichlorobenzene	2	ug/L	U			25000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	107-06-2	1,2-Dichloroethane	1	ug/L	U			18	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	78-87-5	1,2-Dichloropropane	1	ug/L	U			52	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	108-67-8	1,3,5-Trimethylbenzene	1	ug/L	U			1700	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	541-73-1	1,3-Dichlorobenzene	2	ug/L	U			25	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	142-28-9	1,3-Dichloropropane	1	ug/L	U			370	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	106-46-7	1,4-Dichlorobenzene	2	ug/L	U			25	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	594-20-7	2,2-Dichloropropane	1	ug/L	U			52	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	110-75-8	2-Chloroethyl vinyl ether	10	ug/L	U				
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	95-49-8	2-Chlorotoluene	1	ug/L	U			240	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	591-78-6	2-Hexanone	10	ug/L	U			72000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	106-43-4	4-Chlorotoluene	1	ug/L	U			250	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	67-64-1	Acetone	10	ug/L	U			18000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	71-43-2	Benzene	1	ug/L	U			12	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	108-86-1	Bromobenzene	1	ug/L	U			6300	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	74-97-5	Bromochloromethane	1	ug/L	U			450	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	75-27-4	Bromodichloromethane	1	ug/L	U			6.9	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	75-25-2	Bromoform	3	ug/L	U			1100	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	75-15-0	Carbon disulfide	10	ug/L	U			8200	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	56-23-5	Carbon tetrachloride	1	ug/L	U			3.1	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	108-90-7	Chlorobenzene	1	ug/L	U			3400	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	75-00-3	Chloroethane	1	ug/L	U			57000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	67-66-3	Chloroform	1	ug/L	U			5.9	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	74-87-3	Chloromethane	5	ug/L	U			1500	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	156-59-2	cis-1,2-Dichloroethene	1	ug/L	U			1800	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	10061-01-5	cis-1,3-Dichloropropene	3	ug/L	U			40	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	124-48-1	Dibromochloromethane	2	ug/L	U			610	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	74-95-3	Dibromomethane	1	ug/L	U			950	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	75-71-8	Dichlorodifluoromethane	1	ug/L	U			41	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	100-41-4	Ethylbenzene	1	ug/L	U			31	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	87-68-3	Hexachlorobutadiene	3	ug/L	U			3.3	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	98-82-8	Isopropylbenzene	1	ug/L	U			9100	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	78-93-3	MEK (2-Butanone)	10	ug/L	U			17000000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	75-09-2	Methylene chloride	5	ug/L	U			15000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	10	ug/L	U			4600000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	91-20-3	Naphthalene	5	ug/L	U			20	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	104-51-8	n-Butylbenzene	1	ug/L	U			1000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	103-65-1	n-Propylbenzene	1	ug/L	U			22000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	95-47-6	o-Xylene	1	ug/L	U			4300	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	99-87-6	p-Cymene	2	ug/L	U			9100	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	135-98-8	sec-Butylbenzene	1	ug/L	U			2000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	100-42-5	Styrene	1	ug/L	U			84000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	98-06-6	tert-Butylbenzene	1	ug/L	U			690	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	127-18-4	Tetrachloroethene	1	ug/L	U			130	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	108-88-3	Toluene	1	ug/L	U			150000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	156-60-5	trans-1,2-Dichloroethene	1	ug/L	U			457	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	10061-02-6	trans-1,3-Dichloropropene	3	ug/L	U			21	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	79-01-6	Trichloroethene	1	ug/L	U			7.4	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	75-69-4	Trichlorofluoromethane	1	ug/L	U			160000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	108-05-4	Vinyl acetate	10	ug/L	U			80000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8260	75-01-4	Vinyl chloride	1	ug/L	U			3.3	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	95-95-4	2,4,5-Trichlorophenol	47	ug/L	U			1200	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	88-06-2	2,4,6-Trichlorophenol	9.4	ug/L	U			1700	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	120-83-2	2,4-Dichlorophenol	9.4	ug/L	U			46	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	105-67-9	2,4-Dimethylphenol	9.4	ug/L	U			360	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	51-28-5	2,4-Dinitrophenol	47	ug/L	U			39	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	121-14-2	2,4-Dinitrotoluene	9.4	ug/L	U			0.24	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	606-20-2	2,6-Dinitrotoluene	9.4	ug/L	U			830	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	91-58-7	2-Chloronaphthalene	9.4	ug/L	U			750	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	95-57-8	2-Chlorophenol	9.4	ug/L	U			91	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	91-57-6	2-Methylnaphthalene	9.4	ug/L	U			36	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	95-48-7	2-Methylphenol	9.4	ug/L	U			930	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	88-74-4	2-Nitroaniline	47	ug/L	U			190	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	88-75-5	2-Nitrophenol	9.4	ug/L	U			5800	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	91-94-1	3,3'-Dichlorobenzidine	19	ug/L	U			0.17	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	99-09-2	3-Nitroaniline	47	ug/L	U			190	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	47	ug/L	U			1.5	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	101-55-3	4-Bromophenyl phenyl ether	9.4	ug/L	U				
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	59-50-7	4-Chloro-3-methylphenol	9.4	ug/L	U			1400	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	106-47-8	4-Chloroaniline	9.4	ug/L	U			0.37	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	9.4	ug/L	U				
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	106-44-5	4-Methylphenol	9.4	ug/L	U			370	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	100-01-6	4-Nitroaniline	47	ug/L	U			3.8	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	100-02-7	4-Nitrophenol	47	ug/L	U			5800	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	83-32-9	Acenaphthene	9.4	ug/L	U			510	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	208-96-8	Acenaphthylene	9.4	ug/L	U			20	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	62-53-3	Aniline	9.4	ug/L	U			13	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	120-12-7	Anthracene	9.4	ug/L	U			1800	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	92-87-5	Benzidine	94	ug/L	U			17	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	56-55-3	Benzo(a)anthracene	9.4	ug/L	U			2300	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	50-32-8	Benzo(a)pyrene	9.4	ug/L	U			0.025	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	205-99-2	Benzo(b)fluoranthene	9.4	ug/L	U			0.25	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	191-24-2	Benzo(g,h,i)perylene	9.4	ug/L	U			120	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	207-08-9	Benzo(k)fluoranthene	9.4	ug/L	U			2.5	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	65-85-0	Benzoic acid	47	ug/L	U			75000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	100-51-6	Benzyl alcohol	9.4	ug/L	U			2000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	111-91-1	Bis (2-chloroethoxy) methane	9.4	ug/L	U			59	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	111-44-4	Bis (2-chloroethyl) ether	9.4	ug/L	U			140	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	9.4	ug/L	U			5.6	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	9.4	ug/L	U			710	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	85-68-7	Butyl benzylphthalate	9.4	ug/L	U			16	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	86-74-8	Carbazole	9.4	ug/L	U			7.9	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	218-01-9	Chrysene	9.4	ug/L	U			25	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	53-70-3	Dibenzo(a,h)anthracene	9.4	ug/L	U			0.025	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	132-64-9	Dibenzofuran	9.4	ug/L	U			7.9	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	84-66-2	Diethyl phthalate	9.4	ug/L	U			15000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	131-11-3	Dimethyl phthalate	9.4	ug/L	U			15000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	84-74-2	Di-n-butylphthalate	9.4	ug/L	U			900	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	117-84-0	Di-n-octylphthalate	9.4	ug/L	U			200	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	206-44-0	Fluoranthene	9.4	ug/L	U			800	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	86-73-7	Fluorene	9.4	ug/L	U			280	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	118-74-1	Hexachlorobenzene	9.4	ug/L	U			1.3	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	77-47-4	Hexachlorocyclopentadiene	9.4	ug/L	U			48	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	67-72-1	Hexachloroethane	9.4	ug/L	U			7	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	9.4	ug/L	U			0.25	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	78-59-1	Isophorone	9.4	ug/L	U			78	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	98-95-3	Nitrobenzene	9.4	ug/L	U			800	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	62-75-9	N-Nitrosodimethylamine	9.4	ug/L	U			25	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	621-64-7	N-Nitrosodi-n-propylamine	9.4	ug/L	U			370	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	86-30-6	N-Nitrosodiphenylamine	9.4	ug/L	U			12	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	87-86-5	Pentachlorophenol	9.4	ug/L	U			53	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	85-01-8	Phenanthrene	9.4	ug/L	U			1800	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	108-95-2	Phenol	9.4	ug/L	U			5800	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	8270	129-00-0	Pyrene	9.4	ug/L	U			110	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	METALS	7440-36-0	Antimony	0.05	ug/L	U			7.8	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	METALS	7440-38-2	Arsenic	0.005	ug/L	U			6300	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	METALS	7440-39-3	Barium	136	ug/L				4000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	METALS	7440-41-7	Beryllium	0.005	ug/L	U			270000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	METALS	7440-43-9	Cadmium	0.005	ug/L	U			130000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	METALS	7440-47-3	Chromium	0.01	ug/L	U			30000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	METALS	7440-50-8	Copper	0.01	ug/L	U			5400000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	METALS	7439-89-6	Iron	3630	ug/L				14000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	METALS	7439-92-1	Lead	0.003	ug/L	U			15	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	METALS	7439-96-5	Manganese	1330	ug/L				3200000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	METALS	7439-97-6	Mercury	0.0002	ug/L	U			11	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	METALS	7440-02-0	Nickel	17.8	ug/L				400	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	METALS	7782-49-2	Selenium	0.005	ug/L	U			100	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	METALS	7440-22-4	Silver	0.01	ug/L	U			1100000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	METALS	7440-28-0	Thallium	0.005	ug/L	U			0.2	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	METALS	7440-66-6	Zinc	202	ug/L				6000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	NWTPH-Dx	TPH-D	Diesel Range Organics	0.24	ug/L	U			100	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	NWTPH-Dx	MOIL	Residual Range Organics	0.71	ug/L	U			300	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	0.1	ug/L	U			14000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	PCBS	12674-11-2	Aroclor-1016	0.94	ug/L	U			75	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	PCBS	11104-28-2	Aroclor-1221	0.94	ug/L	U			2.3	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	PCBS	11141-16-5	Aroclor-1232	0.94	ug/L	U			0.71	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	PCBS	53469-21-9	Aroclor-1242	0.94	ug/L	U			5.8	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	PCBS	12672-29-6	Aroclor-1248	0.94	ug/L	U			1.2	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	PCBS	11097-69-1	Aroclor-1254	0.94	ug/L	U			7.2	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	PCBS	11096-82-5	Aroclor-1260	0.94	ug/L	U			1.6	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	94	ug/L	U				
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	FD	990712BIL02GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	56.4	ug/L	U				
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8081 Pest	72-54-8	4,4'-DDD	0.094	ug/L	U			3.2	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8081 Pest	72-55-9	4,4'-DDE	0.094	ug/L	U			310	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8081 Pest	50-29-3	4,4'-DDT	0.094	ug/L	U			0.23	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8081 Pest	309-00-2	Aldrin	0.047	ug/L	U			3.5	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8081 Pest	319-84-6	alpha-BHC	0.047	ug/L	U			18	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8081 Pest	5103-71-9	alpha-Chlordane	0.047	ug/L	U			0.45	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8081 Pest	319-85-7	beta-BHC	0.047	ug/L	U			0.025	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8081 Pest	319-86-8	delta-BHC	0.047	ug/L	U			0.0072	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8081 Pest	60-57-1	Dieldrin	0.094	ug/L	U			2.4	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8081 Pest	959-98-8	Endosulfan I	0.047	ug/L	U			98	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8081 Pest	33213-65-9	Endosulfan II	0.094	ug/L	U			98	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.094	ug/L	U			98	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8081 Pest	72-20-8	Endrin	0.094	ug/L	U			170	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8081 Pest	7421-93-4	Endrin aldehyde	0.094	ug/L	U			170	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8081 Pest	53494-70-5	Endrin ketone	0.094	ug/L	U			170	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.047	ug/L	U			100	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8081 Pest	5103-74-2	gamma-Chlordane	0.047	ug/L	U			0.45	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8081 Pest	76-44-8	Heptachlor	0.047	ug/L	U			1.8	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.047	ug/L	U			3.2	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8081 Pest	72-43-5	Methoxychlor	0.47	ug/L	U			37	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8081 Pest	8001-35-2	Toxaphene	0.94	ug/L	U			18	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8151	93-76-5	2,4,5-T	0.15	ug/L	U			160	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8151	93-72-1	2,4,5-TP (Silvex)	0.1	ug/L	U			110	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8151	94-75-7	2,4-D	1	ug/L	U			77000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8151	94-82-6	2,4-DB	1	ug/L	U				
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8151	120-36-5	2,4-DP (Dichloroprop)	1	ug/L	U				
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8151	75-99-0	Dalapon	2	ug/L	U			600	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8151	1918-00-9	Dicamba	0.1	ug/L	U			570	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8151	88-85-7	Dinoseb	0.5	ug/L	U			15	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8151	94-74-6	MCPA	50	ug/L	U			1700	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8151	93-65-2	MCPP	50	ug/L	U			16	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	1	ug/L	U			36	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	71-55-6	1,1,1-Trichloroethane	1	ug/L	U			53000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	1	ug/L	U			30	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	79-00-5	1,1,2-Trichloroethane	1	ug/L	U			44	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	75-34-3	1,1-Dichloroethane	1	ug/L	U			55	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	75-35-4	1,1-Dichloroethene	1	ug/L	U			1300	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	563-58-6	1,1-Dichloropropene	1	ug/L	U			40	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	87-61-6	1,2,3-Trichlorobenzene	5	ug/L	U			7	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	96-18-4	1,2,3-Trichloropropane	1	ug/L	U			200	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	120-82-1	1,2,4-Trichlorobenzene	5	ug/L	U			380	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	95-63-6	1,2,4-Trimethylbenzene	1	ug/L	U			2400	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	3	ug/L	U			0.34	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	106-93-4	1,2-Dibromoethane (EDB)	1	ug/L	U			1.5	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	95-50-1	1,2-Dichlorobenzene	2	ug/L	U			25000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	107-06-2	1,2-Dichloroethane	1	ug/L	U			18	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	78-87-5	1,2-Dichloropropane	1	ug/L	U			52	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	108-67-8	1,3,5-Trimethylbenzene	1	ug/L	U			1700	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	541-73-1	1,3-Dichlorobenzene	2	ug/L	U			25	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	142-28-9	1,3-Dichloropropane	1	ug/L	U			370	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	106-46-7	1,4-Dichlorobenzene	2	ug/L	U			25	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	594-20-7	2,2-Dichloropropane	1	ug/L	U			52	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	110-75-8	2-Chloroethyl vinyl ether	10	ug/L	U				
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	95-49-8	2-Chlorotoluene	1	ug/L	U			240	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	591-78-6	2-Hexanone	10	ug/L	U			72000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	106-43-4	4-Chlorotoluene	1	ug/L	U			250	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	67-64-1	Acetone	10	ug/L	U			18000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	71-43-2	Benzene	1	ug/L	U			12	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	108-86-1	Bromobenzene	1	ug/L	U			6300	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	74-97-5	Bromochloromethane	1	ug/L	U			450	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	75-27-4	Bromodichloromethane	1	ug/L	U			6.9	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	75-25-2	Bromoform	3	ug/L	U			1100	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	75-15-0	Carbon disulfide	10	ug/L	U			8200	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	56-23-5	Carbon tetrachloride	1	ug/L	U			3.1	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	108-90-7	Chlorobenzene	1	ug/L	U			3400	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	75-00-3	Chloroethane	1	ug/L	U			57000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	67-66-3	Chloroform	1	ug/L	U			5.9	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	74-87-3	Chloromethane	5	ug/L	U			1500	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	156-59-2	cis-1,2-Dichloroethene	1	ug/L	U			1800	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	10061-01-5	cis-1,3-Dichloropropene	3	ug/L	U			40	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	124-48-1	Dibromochloromethane	2	ug/L	U			610	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	74-95-3	Dibromomethane	1	ug/L	U			950	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	75-71-8	Dichlorodifluoromethane	1	ug/L	U			41	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	100-41-4	Ethylbenzene	1	ug/L	U			31	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	87-68-3	Hexachlorobutadiene	3	ug/L	U			3.3	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	98-82-8	Isopropylbenzene	1	ug/L	U			9100	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	78-93-3	MEK (2-Butanone)	10	ug/L	U			17000000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	75-09-2	Methylene chloride	5	ug/L	U			15000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	10	ug/L	U			4600000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	91-20-3	Naphthalene	5	ug/L	U			20	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	104-51-8	n-Butylbenzene	1	ug/L	U			1000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	103-65-1	n-Propylbenzene	1	ug/L	U			22000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	95-47-6	o-Xylene	1	ug/L	U			4300	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	99-87-6	p-Cymene	2	ug/L	U			9100	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	135-98-8	sec-Butylbenzene	1	ug/L	U			2000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	100-42-5	Styrene	1	ug/L	U			84000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	98-06-6	tert-Butylbenzene	1	ug/L	U			690	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	127-18-4	Tetrachloroethene	1	ug/L	U			130	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	108-88-3	Toluene	1	ug/L	U			150000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	156-60-5	trans-1,2-Dichloroethene	1	ug/L	U			457	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	10061-02-6	trans-1,3-Dichloropropene	3	ug/L	U			21	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	79-01-6	Trichloroethene	1	ug/L	U			7.4	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	75-69-4	Trichlorofluoromethane	1	ug/L	U			160000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	108-05-4	Vinyl acetate	10	ug/L	U			80000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8260	75-01-4	Vinyl chloride	1	ug/L	U			3.3	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	95-95-4	2,4,5-Trichlorophenol	47	ug/L	U			1200	

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	88-06-2	2,4,6-Trichlorophenol	9.4	ug/L	U			1700	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	120-83-2	2,4-Dichlorophenol	9.4	ug/L	U			46	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	105-67-9	2,4-Dimethylphenol	9.4	ug/L	U			360	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	51-28-5	2,4-Dinitrophenol	47	ug/L	U			39	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	121-14-2	2,4-Dinitrotoluene	9.4	ug/L	U			0.24	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	606-20-2	2,6-Dinitrotoluene	9.4	ug/L	U			830	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	91-58-7	2-Chloronaphthalene	9.4	ug/L	U			750	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	95-57-8	2-Chlorophenol	9.4	ug/L	U			91	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	91-57-6	2-Methylnaphthalene	9.4	ug/L	U			36	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	95-48-7	2-Methylphenol	9.4	ug/L	U			930	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	88-74-4	2-Nitroaniline	47	ug/L	U			190	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	88-75-5	2-Nitrophenol	9.4	ug/L	U			5800	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	91-94-1	3,3'-Dichlorobenzidine	19	ug/L	U			0.17	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	99-09-2	3-Nitroaniline	47	ug/L	U			190	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	47	ug/L	U			1.5	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	101-55-3	4-Bromophenyl phenyl ether	9.4	ug/L	U				
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	59-50-7	4-Chloro-3-methylphenol	9.4	ug/L	U			1400	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	106-47-8	4-Chloroaniline	9.4	ug/L	U			0.37	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	9.4	ug/L	U				
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	106-44-5	4-Methylphenol	9.4	ug/L	U			370	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	100-01-6	4-Nitroaniline	47	ug/L	U			3.8	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	100-02-7	4-Nitrophenol	47	ug/L	U			5800	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	83-32-9	Acenaphthene	9.4	ug/L	U			510	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	208-96-8	Acenaphthylene	9.4	ug/L	U			20	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	62-53-3	Aniline	9.4	ug/L	U			13	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	120-12-7	Anthracene	9.4	ug/L	U			1800	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	92-87-5	Benzidine	94	ug/L	U			17	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	56-55-3	Benzo(a)anthracene	9.4	ug/L	U			2300	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	50-32-8	Benzo(a)pyrene	9.4	ug/L	U			0.025	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	205-99-2	Benzo(b)fluoranthene	9.4	ug/L	U			0.25	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	191-24-2	Benzo(g,h,i)perylene	9.4	ug/L	U			120	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	207-08-9	Benzo(k)fluoranthene	9.4	ug/L	U			2.5	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	65-85-0	Benzoic acid	47	ug/L	U			75000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	100-51-6	Benzyl alcohol	9.4	ug/L	U			2000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	111-91-1	Bis (2-chloroethoxy) methane	9.4	ug/L	U			59	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	111-44-4	Bis (2-chloroethyl) ether	9.4	ug/L	U			140	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	9.4	ug/L	U			5.6	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	9.4	ug/L	U			710	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	85-68-7	Butyl benzylphthalate	9.4	ug/L	U			16	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	86-74-8	Carbazole	9.4	ug/L	U			7.9	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	218-01-9	Chrysene	9.4	ug/L	U			25	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	53-70-3	Dibenzo(a,h)anthracene	9.4	ug/L	U			0.025	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	132-64-9	Dibenzofuran	9.4	ug/L	U			7.9	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	84-66-2	Diethyl phthalate	9.4	ug/L	U			15000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	131-11-3	Dimethyl phthalate	9.4	ug/L	U			15000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	84-74-2	Di-n-butylphthalate	9.4	ug/L	U			900	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	117-84-0	Di-n-octylphthalate	9.4	ug/L	U			200	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	206-44-0	Fluoranthene	9.4	ug/L	U			800	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	86-73-7	Fluorene	9.4	ug/L	U			280	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	118-74-1	Hexachlorobenzene	9.4	ug/L	U			1.3	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	77-47-4	Hexachlorocyclopentadiene	9.4	ug/L	U			48	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	67-72-1	Hexachloroethane	9.4	ug/L	U			7	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	9.4	ug/L	U			0.25	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	78-59-1	Isophorone	9.4	ug/L	U			78	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	98-95-3	Nitrobenzene	9.4	ug/L	U			800	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	62-75-9	N-Nitrosodimethylamine	9.4	ug/L	U			25	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	621-64-7	N-Nitrosodi-n-propylamine	9.4	ug/L	U			370	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	86-30-6	N-Nitrosodiphenylamine	9.4	ug/L	U			12	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	87-86-5	Pentachlorophenol	9.4	ug/L	U			53	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	85-01-8	Phenanthrene	9.4	ug/L	U			1800	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	108-95-2	Phenol	9.4	ug/L	U			5800	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	8270	129-00-0	Pyrene	9.4	ug/L	U			110	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	METALS	7440-36-0	Antimony, Dissolved	50	ug/L	U			7.8	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	METALS	7440-38-2	Arsenic, Dissolved	5	ug/L	U			6300	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	METALS	7440-39-3	Barium, Dissolved	131	ug/L				4000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	METALS	7440-41-7	Beryllium, Dissolved	5	ug/L	U			270000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	METALS	7440-43-9	Cadmium, Dissolved	5	ug/L	U			130000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	METALS	7440-47-3	Chromium, Dissolved	10	ug/L	U			30000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	METALS	7440-50-8	Copper, Dissolved	10	ug/L	U			5400000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	METALS	7439-89-6	Iron, Dissolved	3600	ug/L				14000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	METALS	7439-92-1	Lead, Dissolved	3	ug/L	U			15	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	METALS	7439-96-5	Manganese, Dissolved	1320	ug/L				3200000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	METALS	7439-97-6	Mercury, Dissolved	0.2	ug/L	U			11	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	METALS	7440-02-0	Nickel, Dissolved	19.5	ug/L				400	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	METALS	7782-49-2	Selenium, Dissolved	5	ug/L	U			100	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	METALS	7440-22-4	Silver, Dissolved	10	ug/L	U			1100000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	METALS	7440-28-0	Thallium, Dissolved	5	ug/L	U			0.2	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	METALS	7440-66-6	Zinc, Dissolved	191	ug/L				6000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	NWTPH-Dx	TPH-D	Diesel Range Organics	240	ug/L	U			100	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	NWTPH-Dx	MOIL	Residual Range Organics	710	ug/L	U			300	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	100	ug/L	U			14000	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	PCBS	12674-11-2	Aroclor-1016	0.94	ug/L	U			75	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	PCBS	11104-28-2	Aroclor-1221	0.94	ug/L	U			2.3	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	PCBS	11141-16-5	Aroclor-1232	0.94	ug/L	U			0.71	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	PCBS	53469-21-9	Aroclor-1242	0.94	ug/L	U			5.8	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	PCBS	12672-29-6	Aroclor-1248	0.94	ug/L	U			1.2	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	PCBS	11097-69-1	Aroclor-1254	0.94	ug/L	U			7.2	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	PCBS	11096-82-5	Aroclor-1260	0.94	ug/L	U			1.6	
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	94	ug/L	U				
MW-04	723604.295	7834944.358	7/12/1999	8.21 - 28.21	WG	N	990712BIL01GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	56.4	ug/L	U				
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8081 Pest	72-54-8	4,4'-DDD	0.095	ug/L	UJ			3.2	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8081 Pest	72-55-9	4,4'-DDE	0.095	ug/L	UJ			310	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8081 Pest	50-29-3	4,4'-DDT	0.095	ug/L	UJ			0.23	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8081 Pest	309-00-2	Aldrin	0.048	ug/L	UJ			3.5	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8081 Pest	319-84-6	alpha-BHC	0.048	ug/L	UJ			18	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8081 Pest	5103-71-9	alpha-Chlordane	0.048	ug/L	UJ			0.45	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8081 Pest	319-85-7	beta-BHC	0.048	ug/L	UJ			0.025	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8081 Pest	319-86-8	delta-BHC	0.048	ug/L	UJ			0.0072	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8081 Pest	60-57-1	Dieldrin	0.095	ug/L	UJ			2.4	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8081 Pest	959-98-8	Endosulfan I	0.048	ug/L	UJ			98	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8081 Pest	33213-65-9	Endosulfan II	0.095	ug/L	UJ			98	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.095	ug/L	UJ			98	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8081 Pest	72-20-8	Endrin	0.095	ug/L	UJ			170	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8081 Pest	7421-93-4	Endrin aldehyde	0.095	ug/L	UJ			170	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8081 Pest	53494-70-5	Endrin ketone	0.095	ug/L	UJ			170	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.048	ug/L	UJ			100	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8081 Pest	5103-74-2	gamma-Chlordane	0.048	ug/L	UJ			0.45	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8081 Pest	76-44-8	Heptachlor	0.048	ug/L	UJ			1.8	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.048	ug/L	UJ			3.2	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8081 Pest	72-43-5	Methoxychlor	0.48	ug/L	UJ			37	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8081 Pest	8001-35-2	Toxaphene	0.95	ug/L	UJ			18	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8151	93-76-5	2,4,5-T	0.1	ug/L	U			160	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8151	93-72-1	2,4,5-TP (Silvex)	0.1	ug/L	U			110	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8151	94-75-7	2,4-D	0.25	ug/L	U			77000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8151	94-82-6	2,4-DB	0.5	ug/L	U				
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8151	120-36-5	2,4-DP (Dichloroprop)	0.25	ug/L	U				
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8151	75-99-0	Dalapon	0.5	ug/L	U			600	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8151	1918-00-9	Dicamba	0.1	ug/L	U			570	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8151	88-85-7	Dinoseb	0.5	ug/L	U			15	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8151	94-74-6	MCPA	10	ug/L	U			1700	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8151	93-65-2	MCPP	50	ug/L	U			16	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	1	ug/L	U			36	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	71-55-6	1,1,1-Trichloroethane	1	ug/L	U			53000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	1	ug/L	U			30	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	79-00-5	1,1,2-Trichloroethane	1	ug/L	U			44	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	75-34-3	1,1-Dichloroethane	1	ug/L	U			55	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	75-35-4	1,1-Dichloroethene	1	ug/L	U			1300	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	563-58-6	1,1-Dichloropropene	1	ug/L	U			40	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	87-61-6	1,2,3-Trichlorobenzene	5	ug/L	U			7	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	96-18-4	1,2,3-Trichloropropane	1	ug/L	U			200	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	120-82-1	1,2,4-Trichlorobenzene	5	ug/L	U			380	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	95-63-6	1,2,4-Trimethylbenzene	1	ug/L	U			2400	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	3	ug/L	U			0.34	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	106-93-4	1,2-Dibromoethane (EDB)	1	ug/L	U			1.5	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	95-50-1	1,2-Dichlorobenzene	2	ug/L	U			25000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	107-06-2	1,2-Dichloroethane	1	ug/L	U			18	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	78-87-5	1,2-Dichloropropane	1	ug/L	U			52	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	108-67-8	1,3,5-Trimethylbenzene	1	ug/L	U			1700	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	541-73-1	1,3-Dichlorobenzene	2	ug/L	U			25	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	142-28-9	1,3-Dichloropropane	1	ug/L	U			370	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	106-46-7	1,4-Dichlorobenzene	2	ug/L	U			25	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	594-20-7	2,2-Dichloropropane	1	ug/L	U			52	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	110-75-8	2-Chloroethyl vinyl ether	10	ug/L	U				
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	95-49-8	2-Chlorotoluene	1	ug/L	U			240	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	591-78-6	2-Hexanone	10	ug/L	U			72000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	106-43-4	4-Chlorotoluene	1	ug/L	U			250	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	67-64-1	Acetone	10	ug/L	U			18000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	71-43-2	Benzene	1	ug/L	U			12	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	108-86-1	Bromobenzene	1	ug/L	U			6300	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	74-97-5	Bromochloromethane	1	ug/L	U			450	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	75-27-4	Bromodichloromethane	1	ug/L	U			6.9	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	75-25-2	Bromoform	3	ug/L	U			1100	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	75-15-0	Carbon disulfide	10	ug/L	U			8200	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	56-23-5	Carbon tetrachloride	1	ug/L	U			3.1	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	108-90-7	Chlorobenzene	1	ug/L	U			3400	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	75-00-3	Chloroethane	1	ug/L	U			57000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	67-66-3	Chloroform	1	ug/L	U			5.9	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	74-87-3	Chloromethane	5	ug/L	U			1500	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	156-59-2	cis-1,2-Dichloroethene	1	ug/L	U			1800	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	10061-01-5	cis-1,3-Dichloropropene	3	ug/L	U			40	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	124-48-1	Dibromochloromethane	2	ug/L	U			610	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	74-95-3	Dibromomethane	1	ug/L	U			950	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	75-71-8	Dichlorodifluoromethane	1	ug/L	U			41	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	100-41-4	Ethylbenzene	1	ug/L	U			31	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	87-68-3	Hexachlorobutadiene	3	ug/L	U			3.3	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	98-82-8	Isopropylbenzene	1	ug/L	U			9100	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	78-93-3	MEK (2-Butanone)	10	ug/L	U			17000000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	75-09-2	Methylene chloride	5	ug/L	U			15000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	10	ug/L	U			4600000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	91-20-3	Naphthalene	5	ug/L	U			20	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	104-51-8	n-Butylbenzene	1	ug/L	U			1000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	103-65-1	n-Propylbenzene	1	ug/L	U			22000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	95-47-6	o-Xylene	1	ug/L	U			4300	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	99-87-6	p-Cymene	2	ug/L	U			9100	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	135-98-8	sec-Butylbenzene	1	ug/L	U			2000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	100-42-5	Styrene	1	ug/L	U			84000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	98-06-6	tert-Butylbenzene	1	ug/L	U			690	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	127-18-4	Tetrachloroethene	1	ug/L	U			130	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	108-88-3	Toluene	1	ug/L	U			150000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	156-60-5	trans-1,2-Dichloroethene	1	ug/L	U			457	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	10061-02-6	trans-1,3-Dichloropropene	3	ug/L	U			21	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	79-01-6	Trichloroethene	1	ug/L	U			7.4	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	75-69-4	Trichlorofluoromethane	1	ug/L	U			160000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	108-05-4	Vinyl acetate	10	ug/L	U			80000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8260	75-01-4	Vinyl chloride	1	ug/L	U			3.3	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	95-95-4	2,4,5-Trichlorophenol	48	ug/L	U			1200	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	88-06-2	2,4,6-Trichlorophenol	9.6	ug/L	U			1700	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	120-83-2	2,4-Dichlorophenol	9.6	ug/L	U			46	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	105-67-9	2,4-Dimethylphenol	9.6	ug/L	U			360	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	51-28-5	2,4-Dinitrophenol	48	ug/L	U			39	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	121-14-2	2,4-Dinitrotoluene	9.6	ug/L	U			0.24	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	606-20-2	2,6-Dinitrotoluene	9.6	ug/L	U			830	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	91-58-7	2-Chloronaphthalene	9.6	ug/L	U			750	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	95-57-8	2-Chlorophenol	9.6	ug/L	U			91	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	91-57-6	2-Methylnaphthalene	9.6	ug/L	U			36	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	95-48-7	2-Methylphenol	9.6	ug/L	U			930	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	88-74-4	2-Nitroaniline	48	ug/L	U			190	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	88-75-5	2-Nitrophenol	9.6	ug/L	U			5800	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	91-94-1	3,3'-Dichlorobenzidine	19	ug/L	U			0.17	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	99-09-2	3-Nitroaniline	48	ug/L	U			190	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	48	ug/L	U			1.5	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	101-55-3	4-Bromophenyl phenyl ether	9.6	ug/L	U				
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	59-50-7	4-Chloro-3-methylphenol	9.6	ug/L	U			1400	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	106-47-8	4-Chloroaniline	9.6	ug/L	U			0.37	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	9.6	ug/L	U				
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	106-44-5	4-Methylphenol	9.6	ug/L	U			370	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	100-01-6	4-Nitroaniline	48	ug/L	U			3.8	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	100-02-7	4-Nitrophenol	48	ug/L	U			5800	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	83-32-9	Acenaphthene	9.6	ug/L	U			510	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	208-96-8	Acenaphthylene	9.6	ug/L	U			20	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	62-53-3	Aniline	9.6	ug/L	U			13	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	120-12-7	Anthracene	9.6	ug/L	U			1800	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	92-87-5	Benzidine	96	ug/L	U			17	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	56-55-3	Benzo(a)anthracene	9.6	ug/L	U			2300	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	50-32-8	Benzo(a)pyrene	9.6	ug/L	U			0.025	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	205-99-2	Benzo(b)fluoranthene	9.6	ug/L	U			0.25	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	191-24-2	Benzo(g,h,i)perylene	9.6	ug/L	U			120	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	207-08-9	Benzo(k)fluoranthene	9.6	ug/L	U			2.5	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	65-85-0	Benzoic acid	48	ug/L	U			75000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	100-51-6	Benzyl alcohol	9.6	ug/L	U			2000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	111-91-1	Bis (2-chloroethoxy) methane	9.6	ug/L	U			59	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	111-44-4	Bis (2-chloroethyl) ether	9.6	ug/L	U			140	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	9.6	ug/L	U			5.6	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	9.6	ug/L	U			710	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	85-68-7	Butyl benzylphthalate	9.6	ug/L	U			16	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	86-74-8	Carbazole	9.6	ug/L	U			7.9	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	218-01-9	Chrysene	9.6	ug/L	U			25	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	53-70-3	Dibenzo(a,h)anthracene	9.6	ug/L	U			0.025	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	132-64-9	Dibenzofuran	9.6	ug/L	U			7.9	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	84-66-2	Diethyl phthalate	9.6	ug/L	U			15000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	131-11-3	Dimethyl phthalate	9.6	ug/L	U			15000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	84-74-2	Di-n-butylphthalate	9.6	ug/L	U			900	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	117-84-0	Di-n-octylphthalate	9.6	ug/L	U			200	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	206-44-0	Fluoranthene	9.6	ug/L	U			800	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	86-73-7	Fluorene	9.6	ug/L	U			280	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	118-74-1	Hexachlorobenzene	9.6	ug/L	U			1.3	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	77-47-4	Hexachlorocyclopentadiene	9.6	ug/L	U			48	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	67-72-1	Hexachloroethane	9.6	ug/L	U			7	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	9.6	ug/L	U			0.25	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	78-59-1	Isophorone	9.6	ug/L	U			78	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	98-95-3	Nitrobenzene	9.6	ug/L	U			800	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	62-75-9	N-Nitrosodimethylamine	9.6	ug/L	U			25	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	621-64-7	N-Nitrosodi-n-propylamine	9.6	ug/L	U			370	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	86-30-6	N-Nitrosodiphenylamine	9.6	ug/L	U			12	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	87-86-5	Pentachlorophenol	9.6	ug/L	U			53	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	85-01-8	Phenanthrene	9.6	ug/L	U			1800	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	108-95-2	Phenol	9.6	ug/L	U			5800	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	8270	129-00-0	Pyrene	9.6	ug/L	U			110	

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	METALS	7440-36-0	Antimony	0.05	ug/L	U			7.8	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	METALS	7440-38-2	Arsenic	0.005	ug/L	U			6300	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	METALS	7440-39-3	Barium	340	ug/L				4000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	METALS	7440-41-7	Beryllium	0.005	ug/L	U			270000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	METALS	7440-43-9	Cadmium	5.6	ug/L				130000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	METALS	7440-47-3	Chromium	0.01	ug/L	U			30000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	METALS	7440-50-8	Copper	17.6	ug/L				5400000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	METALS	7439-89-6	Iron	10200	ug/L				14000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	METALS	7439-92-1	Lead	0.003	ug/L	U			15	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	METALS	7439-96-5	Manganese	1340	ug/L				3200000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	METALS	7439-97-6	Mercury	0.0002	ug/L	U			11	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	METALS	7440-02-0	Nickel	108	ug/L				400	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	METALS	7782-49-2	Selenium	0.005	ug/L	U			100	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	METALS	7440-22-4	Silver	0.01	ug/L	U			1100000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	METALS	7440-28-0	Thallium	0.005	ug/L	U			0.2	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	METALS	7440-66-6	Zinc	2620	ug/L				6000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	NWTPH-Dx	TPH-D	Diesel Range Organics	300	ug/L				100	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	NWTPH-Dx	MOIL	Residual Range Organics	0.71	ug/L	U			300	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	0.1	ug/L	U			14000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	PCBS	12674-11-2	Aroclor-1016	0.95	ug/L	U			75	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	PCBS	11104-28-2	Aroclor-1221	0.95	ug/L	U			2.3	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	PCBS	11141-16-5	Aroclor-1232	0.95	ug/L	U			0.71	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	PCBS	53469-21-9	Aroclor-1242	0.95	ug/L	U			5.8	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	PCBS	12672-29-6	Aroclor-1248	0.95	ug/L	U			1.2	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	PCBS	11097-69-1	Aroclor-1254	0.95	ug/L	U			7.2	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	PCBS	11096-82-5	Aroclor-1260	0.95	ug/L	U			1.6	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	96	ug/L	U				
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	FD	991108BIL10GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	57.6	ug/L	U				
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8081 Pest	72-54-8	4,4'-DDD	0.095	ug/L	UJ			3.2	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8081 Pest	72-55-9	4,4'-DDE	0.095	ug/L	UJ			310	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8081 Pest	50-29-3	4,4'-DDT	0.095	ug/L	UJ			0.23	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8081 Pest	309-00-2	Aldrin	0.048	ug/L	UJ			3.5	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8081 Pest	319-84-6	alpha-BHC	0.048	ug/L	UJ			18	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8081 Pest	5103-71-9	alpha-Chlordane	0.048	ug/L	UJ			0.45	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8081 Pest	319-85-7	beta-BHC	0.048	ug/L	UJ			0.025	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8081 Pest	319-86-8	delta-BHC	0.048	ug/L	UJ			0.0072	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8081 Pest	60-57-1	Dieldrin	0.095	ug/L	UJ			2.4	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8081 Pest	959-98-8	Endosulfan I	0.048	ug/L	UJ			98	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8081 Pest	33213-65-9	Endosulfan II	0.095	ug/L	UJ			98	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.095	ug/L	UJ			98	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8081 Pest	72-20-8	Endrin	0.095	ug/L	UJ			170	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8081 Pest	7421-93-4	Endrin aldehyde	0.095	ug/L	UJ			170	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8081 Pest	53494-70-5	Endrin ketone	0.095	ug/L	UJ			170	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.048	ug/L	UJ			100	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8081 Pest	5103-74-2	gamma-Chlordane	0.048	ug/L	UJ			0.45	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8081 Pest	76-44-8	Heptachlor	0.048	ug/L	UJ			1.8	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.048	ug/L	UJ			3.2	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8081 Pest	72-43-5	Methoxychlor	0.48	ug/L	UJ			37	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8081 Pest	8001-35-2	Toxaphene	0.95	ug/L	UJ			18	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8151	93-76-5	2,4,5-T	0.1	ug/L	U			160	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8151	93-72-1	2,4,5-TP (Silvex)	0.1	ug/L	U			110	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8151	94-75-7	2,4-D	0.25	ug/L	U			77000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8151	94-82-6	2,4-DB	0.5	ug/L	U				
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8151	120-36-5	2,4-DP (Dichloroprop)	0.25	ug/L	U				
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8151	75-99-0	Dalapon	0.5	ug/L	U			600	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8151	1918-00-9	Dicamba	0.1	ug/L	U			570	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8151	88-85-7	Dinoseb	0.5	ug/L	U			15	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8151	94-74-6	MCPA	10	ug/L	U			1700	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8151	93-65-2	MCPP	50	ug/L	U			16	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	1	ug/L	U			36	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	71-55-6	1,1,1-Trichloroethane	1	ug/L	U			53000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	1	ug/L	U			30	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	79-00-5	1,1,2-Trichloroethane	1	ug/L	U			44	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	75-34-3	1,1-Dichloroethane	1	ug/L	U			55	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	75-35-4	1,1-Dichloroethene	1	ug/L	U			1300	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	563-58-6	1,1-Dichloropropene	1	ug/L	U			40	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	87-61-6	1,2,3-Trichlorobenzene	5	ug/L	U			7	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	96-18-4	1,2,3-Trichloropropane	1	ug/L	U			200	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	120-82-1	1,2,4-Trichlorobenzene	5	ug/L	U			380	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	95-63-6	1,2,4-Trimethylbenzene	1	ug/L	U			2400	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	3	ug/L	U			0.34	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	106-93-4	1,2-Dibromoethane (EDB)	1	ug/L	U			1.5	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	95-50-1	1,2-Dichlorobenzene	2	ug/L	U			25000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	107-06-2	1,2-Dichloroethane	1	ug/L	U			18	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	78-87-5	1,2-Dichloropropane	1	ug/L	U			52	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	108-67-8	1,3,5-Trimethylbenzene	1	ug/L	U			1700	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	541-73-1	1,3-Dichlorobenzene	2	ug/L	U			25	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	142-28-9	1,3-Dichloropropane	1	ug/L	U			370	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	106-46-7	1,4-Dichlorobenzene	2	ug/L	U			25	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	594-20-7	2,2-Dichloropropane	1	ug/L	U			52	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	110-75-8	2-Chloroethyl vinyl ether	10	ug/L	U				
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	95-49-8	2-Chlorotoluene	1	ug/L	U			240	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	591-78-6	2-Hexanone	10	ug/L	U			72000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	106-43-4	4-Chlorotoluene	1	ug/L	U			250	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	67-64-1	Acetone	10	ug/L	U			18000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	71-43-2	Benzene	1	ug/L	U			12	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	108-86-1	Bromobenzene	1	ug/L	U			6300	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	74-97-5	Bromochloromethane	1	ug/L	U			450	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	75-27-4	Bromodichloromethane	1	ug/L	U			6.9	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	75-25-2	Bromoform	3	ug/L	U			1100	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	75-15-0	Carbon disulfide	10	ug/L	U			8200	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	56-23-5	Carbon tetrachloride	1	ug/L	U			3.1	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	108-90-7	Chlorobenzene	1	ug/L	U			3400	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	75-00-3	Chloroethane	1	ug/L	U			57000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	67-66-3	Chloroform	1	ug/L	U			5.9	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	74-87-3	Chloromethane	5	ug/L	U			1500	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	156-59-2	cis-1,2-Dichloroethene	1	ug/L	U			1800	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	10061-01-5	cis-1,3-Dichloropropene	3	ug/L	U			40	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	124-48-1	Dibromochloromethane	2	ug/L	U			610	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	74-95-3	Dibromomethane	1	ug/L	U			950	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	75-71-8	Dichlorodifluoromethane	1	ug/L	U			41	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	100-41-4	Ethylbenzene	1	ug/L	U			31	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	87-68-3	Hexachlorobutadiene	3	ug/L	U			3.3	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	98-82-8	Isopropylbenzene	1	ug/L	U			9100	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	78-93-3	MEK (2-Butanone)	10	ug/L	U			17000000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	75-09-2	Methylene chloride	5	ug/L	U			15000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	10	ug/L	U			4600000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	91-20-3	Naphthalene	5	ug/L	U			20	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	104-51-8	n-Butylbenzene	1	ug/L	U			1000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	103-65-1	n-Propylbenzene	1	ug/L	U			22000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	95-47-6	o-Xylene	1	ug/L	U			4300	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	99-87-6	p-Cymene	2	ug/L	U			9100	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	135-98-8	sec-Butylbenzene	1	ug/L	U			2000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	100-42-5	Styrene	1	ug/L	U			84000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	98-06-6	tert-Butylbenzene	1	ug/L	U			690	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	127-18-4	Tetrachloroethene	1	ug/L	U			130	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	108-88-3	Toluene	1	ug/L	U			150000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	156-60-5	trans-1,2-Dichloroethene	1	ug/L	U			457	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	10061-02-6	trans-1,3-Dichloropropene	3	ug/L	U			21	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	79-01-6	Trichloroethene	1	ug/L	U			7.4	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	75-69-4	Trichlorofluoromethane	1	ug/L	U			160000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	108-05-4	Vinyl acetate	10	ug/L	U			80000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8260	75-01-4	Vinyl chloride	1	ug/L	U			3.3	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	95-95-4	2,4,5-Trichlorophenol	53	ug/L	U			1200	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	88-06-2	2,4,6-Trichlorophenol	11	ug/L	U			1700	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	120-83-2	2,4-Dichlorophenol	11	ug/L	U			46	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	105-67-9	2,4-Dimethylphenol	11	ug/L	U			360	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	51-28-5	2,4-Dinitrophenol	53	ug/L	U			39	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	121-14-2	2,4-Dinitrotoluene	11	ug/L	U			0.24	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	606-20-2	2,6-Dinitrotoluene	11	ug/L	U			830	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	91-58-7	2-Chloronaphthalene	11	ug/L	U			750	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	95-57-8	2-Chlorophenol	11	ug/L	U			91	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	91-57-6	2-Methylnaphthalene	11	ug/L	U			36	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	95-48-7	2-Methylphenol	11	ug/L	U			930	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	88-74-4	2-Nitroaniline	53	ug/L	U			190	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	88-75-5	2-Nitrophenol	11	ug/L	U			5800	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	91-94-1	3,3'-Dichlorobenzidine	21	ug/L	U			0.17	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	99-09-2	3-Nitroaniline	53	ug/L	U			190	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	53	ug/L	U			1.5	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	101-55-3	4-Bromophenyl phenyl ether	11	ug/L	U				
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	59-50-7	4-Chloro-3-methylphenol	11	ug/L	U			1400	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	106-47-8	4-Chloroaniline	11	ug/L	U			0.37	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	11	ug/L	U				
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	106-44-5	4-Methylphenol	11	ug/L	U			370	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	100-01-6	4-Nitroaniline	53	ug/L	U			3.8	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	100-02-7	4-Nitrophenol	53	ug/L	U			5800	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	83-32-9	Acenaphthene	11	ug/L	U			510	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	208-96-8	Acenaphthylene	11	ug/L	U			20	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	62-53-3	Aniline	11	ug/L	U			13	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	120-12-7	Anthracene	11	ug/L	U			1800	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	92-87-5	Benzidine	110	ug/L	U			17	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	56-55-3	Benzo(a)anthracene	11	ug/L	U			2300	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	50-32-8	Benzo(a)pyrene	11	ug/L	U			0.025	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	205-99-2	Benzo(b)fluoranthene	11	ug/L	U			0.25	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	191-24-2	Benzo(g,h,i)perylene	11	ug/L	U			120	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	207-08-9	Benzo(k)fluoranthene	11	ug/L	U			2.5	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	65-85-0	Benzoic acid	53	ug/L	U			75000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	100-51-6	Benzyl alcohol	11	ug/L	U			2000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	111-91-1	Bis (2-chloroethoxy) methane	11	ug/L	U			59	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	111-44-4	Bis (2-chloroethyl) ether	11	ug/L	U			140	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	2.7	ug/L	J			5.6	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	11	ug/L	U			710	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	85-68-7	Butyl benzylphthalate	11	ug/L	U			16	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	86-74-8	Carbazole	11	ug/L	U			7.9	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	218-01-9	Chrysene	11	ug/L	U			25	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	53-70-3	Dibenzo(a,h)anthracene	11	ug/L	U			0.025	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	132-64-9	Dibenzofuran	11	ug/L	U			7.9	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	84-66-2	Diethyl phthalate	11	ug/L	U			15000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	131-11-3	Dimethyl phthalate	11	ug/L	U			15000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	84-74-2	Di-n-butylphthalate	11	ug/L	U			900	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	117-84-0	Di-n-octylphthalate	11	ug/L	U			200	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	206-44-0	Fluoranthene	11	ug/L	U			800	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	86-73-7	Fluorene	11	ug/L	U			280	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	118-74-1	Hexachlorobenzene	11	ug/L	U			1.3	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	77-47-4	Hexachlorocyclopentadiene	11	ug/L	U			48	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	67-72-1	Hexachloroethane	11	ug/L	U			7	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	11	ug/L	U			0.25	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	78-59-1	Isophorone	11	ug/L	U			78	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	98-95-3	Nitrobenzene	11	ug/L	U			800	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	62-75-9	N-Nitrosodimethylamine	11	ug/L	U			25	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	621-64-7	N-Nitrosodi-n-propylamine	11	ug/L	U			370	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	86-30-6	N-Nitrosodiphenylamine	11	ug/L	U			12	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	87-86-5	Pentachlorophenol	11	ug/L	U			53	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	85-01-8	Phenanthrene	11	ug/L	U			1800	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	108-95-2	Phenol	11	ug/L	U			5800	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	8270	129-00-0	Pyrene	11	ug/L	U			110	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	METALS	7440-36-0	Antimony	50	ug/L	U			7.8	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	METALS	7440-38-2	Arsenic	5	ug/L	U			6300	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	METALS	7440-39-3	Barium	239	ug/L				4000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	METALS	7440-41-7	Beryllium	5	ug/L	U			270000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	METALS	7440-43-9	Cadmium	5	ug/L	U			130000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	METALS	7440-47-3	Chromium	10	ug/L	U			30000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	METALS	7440-50-8	Copper	17.6	ug/L				5400000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	METALS	7439-89-6	Iron	9310	ug/L				14000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	METALS	7439-92-1	Lead	3	ug/L	U			15	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	METALS	7439-96-5	Manganese	1420	ug/L				3200000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	METALS	7439-97-6	Mercury	0.2	ug/L	U			11	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	METALS	7440-02-0	Nickel	112	ug/L				400	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	METALS	7782-49-2	Selenium	5	ug/L	U			100	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	METALS	7440-22-4	Silver	10	ug/L	U			1100000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	METALS	7440-28-0	Thallium	5	ug/L	U			0.2	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	METALS	7440-66-6	Zinc	2690	ug/L				6000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	NWTPH-Dx	TPH-D	Diesel Range Organics	290	ug/L				100	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	NWTPH-Dx	MOIL	Residual Range Organics	710	ug/L	U			300	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	100	ug/L	U			14000	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	PCBS	12674-11-2	Aroclor-1016	0.95	ug/L	UJ			75	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	PCBS	11104-28-2	Aroclor-1221	0.95	ug/L	UJ			2.3	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	PCBS	11141-16-5	Aroclor-1232	0.95	ug/L	UJ			0.71	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	PCBS	53469-21-9	Aroclor-1242	0.95	ug/L	UJ			5.8	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	PCBS	12672-29-6	Aroclor-1248	0.95	ug/L	UJ			1.2	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	PCBS	11097-69-1	Aroclor-1254	0.95	ug/L	UJ			7.2	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	PCBS	11096-82-5	Aroclor-1260	0.95	ug/L	UJ			1.6	
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	110	ug/L	U				
MW-04	723604.295	7834944.358	11/8/1999	8.21 - 28.21	WG	N	991108BIL09GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	66	ug/L	U				
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8081 Pest	72-54-8	4,4'-DDD	0.1	ug/L	U			3.2	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8081 Pest	72-55-9	4,4'-DDE	0.1	ug/L	U			310	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8081 Pest	50-29-3	4,4'-DDT	0.1	ug/L	U			0.23	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8081 Pest	309-00-2	Aldrin	0.05	ug/L	U			3.5	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8081 Pest	319-84-6	alpha-BHC	0.05	ug/L	U			18	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8081 Pest	5103-71-9	alpha-Chlordane	0.05	ug/L	U			0.45	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8081 Pest	319-85-7	beta-BHC	0.05	ug/L	U			0.025	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8081 Pest	319-86-8	delta-BHC	0.05	ug/L	U			0.0072	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8081 Pest	60-57-1	Dieldrin	0.1	ug/L	U			2.4	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8081 Pest	959-98-8	Endosulfan I	0.05	ug/L	U			98	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8081 Pest	33213-65-9	Endosulfan II	0.1	ug/L	U			98	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.1	ug/L	U			98	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8081 Pest	72-20-8	Endrin	0.1	ug/L	U			170	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8081 Pest	7421-93-4	Endrin aldehyde	0.1	ug/L	U			170	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8081 Pest	53494-70-5	Endrin ketone	0.1	ug/L	U			170	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.05	ug/L	U			100	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8081 Pest	5103-74-2	gamma-Chlordane	0.05	ug/L	U			0.45	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8081 Pest	76-44-8	Heptachlor	0.05	ug/L	U			1.8	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.05	ug/L	U			3.2	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8081 Pest	72-43-5	Methoxychlor	0.5	ug/L	U			37	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8081 Pest	8001-35-2	Toxaphene	1	ug/L	U			18	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8151	93-76-5	2,4,5-T	0.15	ug/L	U			160	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8151	93-72-1	2,4,5-TP (Silvex)	0.1	ug/L	U			110	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8151	94-75-7	2,4-D	1	ug/L	U			77000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8151	94-82-6	2,4-DB	0.5	ug/L	U				
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8151	120-36-5	2,4-DP (Dichloroprop)	0.25	ug/L	U				
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8151	75-99-0	Dalapon	2	ug/L	U			600	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8151	1918-00-9	Dicamba	0.1	ug/L	U			570	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8151	88-85-7	Dinoseb	0.5	ug/L	U			15	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8151	94-74-6	MCPA	50	ug/L	U			1700	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8151	93-65-2	MCPP	50	ug/L	U			16	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	1	ug/L	U			36	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	71-55-6	1,1,1-Trichloroethane	1	ug/L	U			53000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	1	ug/L	U			30	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	79-00-5	1,1,2-Trichloroethane	1	ug/L	U			44	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	75-34-3	1,1-Dichloroethane	1	ug/L	U			55	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	75-35-4	1,1-Dichloroethene	1	ug/L	U			1300	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	563-58-6	1,1-Dichloropropene	1	ug/L	U			40	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	87-61-6	1,2,3-Trichlorobenzene	5	ug/L	U			7	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	96-18-4	1,2,3-Trichloropropane	1	ug/L	U			200	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	120-82-1	1,2,4-Trichlorobenzene	5	ug/L	U			380	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	95-63-6	1,2,4-Trimethylbenzene	1	ug/L	U			2400	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	3	ug/L	U			0.34	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	106-93-4	1,2-Dibromoethane (EDB)	1	ug/L	U			1.5	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	95-50-1	1,2-Dichlorobenzene	2	ug/L	U			25000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	107-06-2	1,2-Dichloroethane	1	ug/L	U			18	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	78-87-5	1,2-Dichloropropane	1	ug/L	U			52	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	108-67-8	1,3,5-Trimethylbenzene	1	ug/L	U			1700	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	541-73-1	1,3-Dichlorobenzene	2	ug/L	U			25	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	142-28-9	1,3-Dichloropropane	1	ug/L	U			370	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	106-46-7	1,4-Dichlorobenzene	2	ug/L	U			25	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	594-20-7	2,2-Dichloropropane	1	ug/L	U			52	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	110-75-8	2-Chloroethyl vinyl ether	10	ug/L	U				
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	95-49-8	2-Chlorotoluene	1	ug/L	U			240	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	591-78-6	2-Hexanone	10	ug/L	U			72000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	106-43-4	4-Chlorotoluene	1	ug/L	U			250	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	67-64-1	Acetone	10	ug/L	U			18000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	71-43-2	Benzene	1	ug/L	U			12	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	108-86-1	Bromobenzene	1	ug/L	U			6300	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	74-97-5	Bromochloromethane	1	ug/L	U			450	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	75-27-4	Bromodichloromethane	1	ug/L	U			6.9	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	75-25-2	Bromoform	3	ug/L	U			1100	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	75-15-0	Carbon disulfide	10	ug/L	U			8200	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	56-23-5	Carbon tetrachloride	1.4	ug/L				3.1	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	108-90-7	Chlorobenzene	1	ug/L	U			3400	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	75-00-3	Chloroethane	1	ug/L	U			57000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	67-66-3	Chloroform	3.6	ug/L				5.9	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	74-87-3	Chloromethane	5	ug/L	U			1500	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	156-59-2	cis-1,2-Dichloroethene	1	ug/L	U			1800	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	10061-01-5	cis-1,3-Dichloropropene	3	ug/L	U			40	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	124-48-1	Dibromochloromethane	2	ug/L	U			610	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	74-95-3	Dibromomethane	1	ug/L	U			950	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	75-71-8	Dichlorodifluoromethane	1	ug/L	U			41	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	100-41-4	Ethylbenzene	1	ug/L	U			31	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	87-68-3	Hexachlorobutadiene	3	ug/L	U			3.3	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	98-82-8	Isopropylbenzene	1	ug/L	U			9100	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	78-93-3	MEK (2-Butanone)	10	ug/L	U			17000000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	75-09-2	Methylene chloride	5	ug/L	U			15000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	10	ug/L	U			4600000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	91-20-3	Naphthalene	5	ug/L	U			20	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	104-51-8	n-Butylbenzene	1	ug/L	U			1000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	103-65-1	n-Propylbenzene	1	ug/L	U			22000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	95-47-6	o-Xylene	1	ug/L	U			4300	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	99-87-6	p-Cymene	2	ug/L	U			9100	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	135-98-8	sec-Butylbenzene	1	ug/L	U			2000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	100-42-5	Styrene	1	ug/L	U			84000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	98-06-6	tert-Butylbenzene	1	ug/L	U			690	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	127-18-4	Tetrachloroethene	1	ug/L	U			130	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	108-88-3	Toluene	1	ug/L	U			150000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	156-60-5	trans-1,2-Dichloroethene	1	ug/L	U			457	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	10061-02-6	trans-1,3-Dichloropropene	3	ug/L	U			21	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	79-01-6	Trichloroethene	1	ug/L	U			7.4	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	75-69-4	Trichlorofluoromethane	1	ug/L	U			160000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	108-05-4	Vinyl acetate	10	ug/L	U			80000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8260	75-01-4	Vinyl chloride	1	ug/L	U			3.3	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	95-95-4	2,4,5-Trichlorophenol	25	ug/L	U			1200	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	88-06-2	2,4,6-Trichlorophenol	10	ug/L	U			1700	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	120-83-2	2,4-Dichlorophenol	10	ug/L	U			46	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	105-67-9	2,4-Dimethylphenol	10	ug/L	U			360	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	51-28-5	2,4-Dinitrophenol	25	ug/L	U			39	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	121-14-2	2,4-Dinitrotoluene	10	ug/L	U			0.24	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	606-20-2	2,6-Dinitrotoluene	10	ug/L	U			830	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	91-58-7	2-Chloronaphthalene	10	ug/L	U			750	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	95-57-8	2-Chlorophenol	10	ug/L	U			91	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	91-57-6	2-Methylnaphthalene	10	ug/L	U			36	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	95-48-7	2-Methylphenol	10	ug/L	U			930	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	88-74-4	2-Nitroaniline	25	ug/L	U			190	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	88-75-5	2-Nitrophenol	10	ug/L	U			5800	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	91-94-1	3,3'-Dichlorobenzidine	10	ug/L	U			0.17	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	99-09-2	3-Nitroaniline	25	ug/L	U			190	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	25	ug/L	U			1.5	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	101-55-3	4-Bromophenyl phenyl ether	10	ug/L	U				
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	59-50-7	4-Chloro-3-methylphenol	10	ug/L	U			1400	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	106-47-8	4-Chloroaniline	10	ug/L	U			0.37	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	10	ug/L	U				
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	106-44-5	4-Methylphenol	10	ug/L	U			370	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	100-01-6	4-Nitroaniline	25	ug/L	U			3.8	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	100-02-7	4-Nitrophenol	10	ug/L	U			5800	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	83-32-9	Acenaphthene	10	ug/L	U			510	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	208-96-8	Acenaphthylene	10	ug/L	U			20	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	62-53-3	Aniline	10	ug/L	U			13	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	120-12-7	Anthracene	10	ug/L	U			1800	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	92-87-5	Benzidine	100	ug/L	U			17	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	56-55-3	Benzo(a)anthracene	10	ug/L	U			2300	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	50-32-8	Benzo(a)pyrene	10	ug/L	U			0.025	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	205-99-2	Benzo(b)fluoranthene	10	ug/L	U			0.25	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	191-24-2	Benzo(g,h,i)perylene	10	ug/L	U			120	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	207-08-9	Benzo(k)fluoranthene	10	ug/L	U			2.5	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	65-85-0	Benzoic acid	10	ug/L	U			75000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	100-51-6	Benzyl alcohol	10	ug/L	U			2000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	111-91-1	Bis (2-chloroethoxy) methane	10	ug/L	U			59	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	111-44-4	Bis (2-chloroethyl) ether	10	ug/L	U			140	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	10	ug/L	U			5.6	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	10	ug/L	U			710	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	85-68-7	Butyl benzylphthalate	10	ug/L	U			16	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	86-74-8	Carbazole	10	ug/L	U			7.9	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	218-01-9	Chrysene	10	ug/L	U			25	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	53-70-3	Dibenzo(a,h)anthracene	10	ug/L	U			0.025	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	132-64-9	Dibenzofuran	10	ug/L	U			7.9	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	84-66-2	Diethyl phthalate	10	ug/L	U			15000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	131-11-3	Dimethyl phthalate	10	ug/L	U			15000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	84-74-2	Di-n-butylphthalate	10	ug/L	U			900	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	117-84-0	Di-n-octylphthalate	10	ug/L	U			200	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	206-44-0	Fluoranthene	10	ug/L	U			800	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	86-73-7	Fluorene	10	ug/L	U			280	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	118-74-1	Hexachlorobenzene	10	ug/L	U			1.3	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	77-47-4	Hexachlorocyclopentadiene	10	ug/L	U			48	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	67-72-1	Hexachloroethane	10	ug/L	U			7	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	10	ug/L	U			0.25	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	78-59-1	Isophorone	10	ug/L	U			78	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	98-95-3	Nitrobenzene	10	ug/L	U			800	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	62-75-9	N-Nitrosodimethylamine	10	ug/L	U			25	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	621-64-7	N-Nitrosodi-n-propylamine	10	ug/L	U			370	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	86-30-6	N-Nitrosodiphenylamine	10	ug/L	U			12	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	87-86-5	Pentachlorophenol	25	ug/L	U			53	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	85-01-8	Phenanthrene	10	ug/L	U			1800	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	108-95-2	Phenol	10	ug/L	U			5800	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	8270	129-00-0	Pyrene	10	ug/L	U			110	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	METALS	7440-36-0	Antimony	0.05	ug/L	U			7.8	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	METALS	7440-38-2	Arsenic	0.005	ug/L	U			6300	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	METALS	7440-39-3	Barium	239	ug/L				4000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	METALS	7440-41-7	Beryllium	0.005	ug/L	U			270000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	METALS	7440-43-9	Cadmium	0.005	ug/L	U			130000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	METALS	7440-47-3	Chromium	0.01	ug/L	U			30000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	METALS	7440-50-8	Copper	46.4	ug/L				5400000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	METALS	7439-89-6	Iron	152	ug/L				14000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	METALS	7439-92-1	Lead	0.003	ug/L	U			15	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	METALS	7439-96-5	Manganese	191	ug/L				3200000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	METALS	7439-97-6	Mercury	0.0002	ug/L	U			11	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	METALS	7440-02-0	Nickel	112	ug/L				400	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	METALS	7782-49-2	Selenium	0.005	ug/L	U			100	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	METALS	7440-22-4	Silver	0.01	ug/L	U			1100000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	METALS	7440-28-0	Thallium	0.005	ug/L	U			0.2	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	METALS	7440-66-6	Zinc	1490	ug/L				6000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	NWTPH-Dx	TPH-D	Diesel Range Organics	310	ug/L				100	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	NWTPH-Dx	MOIL	Residual Range Organics	0.75	ug/L	U			300	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	0.1	ug/L	U			14000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	PCBS	12674-11-2	Aroclor-1016	1	ug/L	U			75	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	PCBS	11104-28-2	Aroclor-1221	1	ug/L	U			2.3	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	PCBS	11141-16-5	Aroclor-1232	1	ug/L	U			0.71	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	PCBS	53469-21-9	Aroclor-1242	1	ug/L	U			5.8	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	PCBS	12672-29-6	Aroclor-1248	1	ug/L	U			1.2	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	PCBS	11097-69-1	Aroclor-1254	1	ug/L	U			7.2	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	PCBS	11096-82-5	Aroclor-1260	1	ug/L	U			1.6	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	100	ug/L	U				
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	FD	000110BIL17GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	60	ug/L	U				
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8081 Pest	72-54-8	4,4'-DDD	0.1	ug/L	U			3.2	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8081 Pest	72-55-9	4,4'-DDE	0.1	ug/L	U			310	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8081 Pest	50-29-3	4,4'-DDT	0.1	ug/L	U			0.23	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8081 Pest	309-00-2	Aldrin	0.05	ug/L	U			3.5	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8081 Pest	319-84-6	alpha-BHC	0.05	ug/L	U			18	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8081 Pest	5103-71-9	alpha-Chlordane	0.05	ug/L	U			0.45	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8081 Pest	319-85-7	beta-BHC	0.05	ug/L	U			0.025	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8081 Pest	319-86-8	delta-BHC	0.05	ug/L	U			0.0072	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8081 Pest	60-57-1	Dieldrin	0.1	ug/L	U			2.4	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8081 Pest	959-98-8	Endosulfan I	0.05	ug/L	U			98	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8081 Pest	33213-65-9	Endosulfan II	0.1	ug/L	U			98	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.1	ug/L	U			98	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8081 Pest	72-20-8	Endrin	0.1	ug/L	U			170	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8081 Pest	7421-93-4	Endrin aldehyde	0.1	ug/L	U			170	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8081 Pest	53494-70-5	Endrin ketone	0.1	ug/L	U			170	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.05	ug/L	U			100	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8081 Pest	5103-74-2	gamma-Chlordane	0.05	ug/L	U			0.45	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8081 Pest	76-44-8	Heptachlor	0.05	ug/L	U			1.8	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.05	ug/L	U			3.2	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8081 Pest	72-43-5	Methoxychlor	0.5	ug/L	U			37	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8081 Pest	8001-35-2	Toxaphene	1	ug/L	U			18	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8151	93-76-5	2,4,5-T	0.15	ug/L	U			160	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8151	93-72-1	2,4,5-TP (Silvex)	0.1	ug/L	U			110	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8151	94-75-7	2,4-D	1	ug/L	U			77000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8151	94-82-6	2,4-DB	0.5	ug/L	U				
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8151	120-36-5	2,4-DP (Dichloroprop)	0.25	ug/L	U				
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8151	75-99-0	Dalapon	2	ug/L	U			600	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8151	1918-00-9	Dicamba	0.1	ug/L	U			570	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8151	88-85-7	Dinoseb	0.5	ug/L	U			15	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8151	94-74-6	MCPA	50	ug/L	U			1700	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8151	93-65-2	MCPP	50	ug/L	U			16	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	1	ug/L	U			36	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	71-55-6	1,1,1-Trichloroethane	1	ug/L	U			53000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	1	ug/L	U			30	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	79-00-5	1,1,2-Trichloroethane	1	ug/L	U			44	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	75-34-3	1,1-Dichloroethane	1	ug/L	U			55	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	75-35-4	1,1-Dichloroethene	1	ug/L	U			1300	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	563-58-6	1,1-Dichloropropene	1	ug/L	U			40	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	87-61-6	1,2,3-Trichlorobenzene	5	ug/L	U			7	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	96-18-4	1,2,3-Trichloropropane	1	ug/L	U			200	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	120-82-1	1,2,4-Trichlorobenzene	5	ug/L	U			380	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	95-63-6	1,2,4-Trimethylbenzene	1	ug/L	U			2400	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	3	ug/L	U			0.34	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	106-93-4	1,2-Dibromoethane (EDB)	1	ug/L	U			1.5	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	95-50-1	1,2-Dichlorobenzene	2	ug/L	U			25000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	107-06-2	1,2-Dichloroethane	1	ug/L	U			18	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	78-87-5	1,2-Dichloropropane	1	ug/L	U			52	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	108-67-8	1,3,5-Trimethylbenzene	1	ug/L	U			1700	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	541-73-1	1,3-Dichlorobenzene	2	ug/L	U			25	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	142-28-9	1,3-Dichloropropane	1	ug/L	U			370	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	106-46-7	1,4-Dichlorobenzene	2	ug/L	U			25	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	594-20-7	2,2-Dichloropropane	1	ug/L	U			52	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	110-75-8	2-Chloroethyl vinyl ether	10	ug/L	U				
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	95-49-8	2-Chlorotoluene	1	ug/L	U			240	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	591-78-6	2-Hexanone	10	ug/L	U			72000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	106-43-4	4-Chlorotoluene	1	ug/L	U			250	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	67-64-1	Acetone	10	ug/L	U			18000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	71-43-2	Benzene	1	ug/L	U			12	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	108-86-1	Bromobenzene	1	ug/L	U			6300	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	74-97-5	Bromochloromethane	1	ug/L	U			450	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	75-27-4	Bromodichloromethane	1	ug/L	U			6.9	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	75-25-2	Bromoform	3	ug/L	U			1100	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	75-15-0	Carbon disulfide	10	ug/L	U			8200	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	56-23-5	Carbon tetrachloride	1.4	ug/L				3.1	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	108-90-7	Chlorobenzene	1	ug/L	U			3400	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	75-00-3	Chloroethane	1	ug/L	U			57000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	67-66-3	Chloroform	3.7	ug/L				5.9	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	74-87-3	Chloromethane	5	ug/L	U			1500	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	156-59-2	cis-1,2-Dichloroethene	1	ug/L	U			1800	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	10061-01-5	cis-1,3-Dichloropropene	3	ug/L	U			40	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	124-48-1	Dibromochloromethane	2	ug/L	U			610	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	74-95-3	Dibromomethane	1	ug/L	U			950	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	75-71-8	Dichlorodifluoromethane	1	ug/L	U			41	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	100-41-4	Ethylbenzene	1	ug/L	U			31	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	87-68-3	Hexachlorobutadiene	3	ug/L	U			3.3	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	98-82-8	Isopropylbenzene	1	ug/L	U			9100	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	78-93-3	MEK (2-Butanone)	10	ug/L	U			17000000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	75-09-2	Methylene chloride	5	ug/L	U			15000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	10	ug/L	U			4600000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	91-20-3	Naphthalene	5	ug/L	U			20	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	104-51-8	n-Butylbenzene	1	ug/L	U			1000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	103-65-1	n-Propylbenzene	1	ug/L	U			22000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	95-47-6	o-Xylene	1	ug/L	U			4300	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	99-87-6	p-Cymene	2	ug/L	U			9100	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	135-98-8	sec-Butylbenzene	1	ug/L	U			2000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	100-42-5	Styrene	1	ug/L	U			84000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	98-06-6	tert-Butylbenzene	1	ug/L	U			690	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	127-18-4	Tetrachloroethene	1	ug/L	U			130	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	108-88-3	Toluene	1	ug/L	U			150000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	156-60-5	trans-1,2-Dichloroethene	1	ug/L	U			457	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	10061-02-6	trans-1,3-Dichloropropene	3	ug/L	U			21	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	79-01-6	Trichloroethene	1	ug/L	U			7.4	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	75-69-4	Trichlorofluoromethane	1	ug/L	U			160000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	108-05-4	Vinyl acetate	10	ug/L	U			80000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8260	75-01-4	Vinyl chloride	1	ug/L	U			3.3	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	95-95-4	2,4,5-Trichlorophenol	25	ug/L	U			1200	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	88-06-2	2,4,6-Trichlorophenol	10	ug/L	U			1700	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	120-83-2	2,4-Dichlorophenol	10	ug/L	U			46	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	105-67-9	2,4-Dimethylphenol	10	ug/L	U			360	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	51-28-5	2,4-Dinitrophenol	25	ug/L	U			39	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	121-14-2	2,4-Dinitrotoluene	10	ug/L	U			0.24	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	606-20-2	2,6-Dinitrotoluene	10	ug/L	U			830	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	91-58-7	2-Chloronaphthalene	10	ug/L	U			750	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	95-57-8	2-Chlorophenol	10	ug/L	U			91	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	91-57-6	2-Methylnaphthalene	10	ug/L	U			36	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	95-48-7	2-Methylphenol	10	ug/L	U			930	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	88-74-4	2-Nitroaniline	25	ug/L	U			190	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	88-75-5	2-Nitrophenol	10	ug/L	U			5800	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	91-94-1	3,3'-Dichlorobenzidine	10	ug/L	U			0.17	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	99-09-2	3-Nitroaniline	25	ug/L	U			190	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	25	ug/L	U			1.5	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	101-55-3	4-Bromophenyl phenyl ether	10	ug/L	U				
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	59-50-7	4-Chloro-3-methylphenol	10	ug/L	U			1400	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	106-47-8	4-Chloroaniline	10	ug/L	U			0.37	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	10	ug/L	U				
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	106-44-5	4-Methylphenol	10	ug/L	U			370	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	100-01-6	4-Nitroaniline	25	ug/L	U			3.8	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	100-02-7	4-Nitrophenol	10	ug/L	U			5800	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	83-32-9	Acenaphthene	10	ug/L	U			510	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	208-96-8	Acenaphthylene	10	ug/L	U			20	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	62-53-3	Aniline	10	ug/L	U			13	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	120-12-7	Anthracene	10	ug/L	U			1800	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	92-87-5	Benzidine	100	ug/L	U			17	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	56-55-3	Benzo(a)anthracene	10	ug/L	U			2300	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	50-32-8	Benzo(a)pyrene	10	ug/L	U			0.025	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	205-99-2	Benzo(b)fluoranthene	10	ug/L	U			0.25	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	191-24-2	Benzo(g,h,i)perylene	10	ug/L	U			120	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	207-08-9	Benzo(k)fluoranthene	10	ug/L	U			2.5	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	65-85-0	Benzoic acid	10	ug/L	U			75000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	100-51-6	Benzyl alcohol	10	ug/L	U			2000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	111-91-1	Bis (2-chloroethoxy) methane	10	ug/L	U			59	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	111-44-4	Bis (2-chloroethyl) ether	10	ug/L	U			140	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	10	ug/L	U			5.6	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	10	ug/L	U			710	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	85-68-7	Butyl benzylphthalate	10	ug/L	U			16	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	86-74-8	Carbazole	10	ug/L	U			7.9	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	218-01-9	Chrysene	10	ug/L	U			25	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	53-70-3	Dibenzo(a,h)anthracene	10	ug/L	U			0.025	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	132-64-9	Dibenzofuran	10	ug/L	U			7.9	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	84-66-2	Diethyl phthalate	10	ug/L	U			15000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	131-11-3	Dimethyl phthalate	10	ug/L	U			15000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	84-74-2	Di-n-butylphthalate	10	ug/L	U			900	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	117-84-0	Di-n-octylphthalate	10	ug/L	U			200	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	206-44-0	Fluoranthene	10	ug/L	U			800	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	86-73-7	Fluorene	10	ug/L	U			280	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	118-74-1	Hexachlorobenzene	10	ug/L	U			1.3	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	77-47-4	Hexachlorocyclopentadiene	10	ug/L	U			48	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	67-72-1	Hexachloroethane	10	ug/L	U			7	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	10	ug/L	U			0.25	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	78-59-1	Isophorone	10	ug/L	U			78	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	98-95-3	Nitrobenzene	10	ug/L	U			800	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	62-75-9	N-Nitrosodimethylamine	10	ug/L	U			25	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	621-64-7	N-Nitrosodi-n-propylamine	10	ug/L	U			370	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	86-30-6	N-Nitrosodiphenylamine	10	ug/L	U			12	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	87-86-5	Pentachlorophenol	25	ug/L	U			53	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	85-01-8	Phenanthrene	10	ug/L	U			1800	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	108-95-2	Phenol	10	ug/L	U			5800	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	8270	129-00-0	Pyrene	10	ug/L	U			110	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	METALS	7440-36-0	Antimony	50	ug/L	U			7.8	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	METALS	7440-38-2	Arsenic	5	ug/L	U			6300	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	METALS	7440-39-3	Barium	236	ug/L				4000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	METALS	7440-41-7	Beryllium	5	ug/L	U			270000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	METALS	7440-43-9	Cadmium	5	ug/L	U			130000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	METALS	7440-47-3	Chromium	10	ug/L	U			30000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	METALS	7440-50-8	Copper	43.9	ug/L				5400000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	METALS	7439-89-6	Iron	162	ug/L				14000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	METALS	7439-92-1	Lead	3	ug/L	U			15	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	METALS	7439-96-5	Manganese	196	ug/L				3200000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	METALS	7439-97-6	Mercury	0.2	ug/L	U			11	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	METALS	7440-02-0	Nickel	111	ug/L				400	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	METALS	7782-49-2	Selenium	5	ug/L	U			100	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	METALS	7440-22-4	Silver	10	ug/L	U			1100000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	METALS	7440-28-0	Thallium	5	ug/L	U			0.2	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	METALS	7440-66-6	Zinc	1510	ug/L				6000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	NWTPH-Dx	TPH-D	Diesel Range Organics	300	ug/L				100	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	NWTPH-Dx	MOIL	Residual Range Organics	750	ug/L	U			300	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	100	ug/L	U			14000	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	PCBS	12674-11-2	Aroclor-1016	1	ug/L	U			75	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	PCBS	11104-28-2	Aroclor-1221	1	ug/L	U			2.3	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	PCBS	11141-16-5	Aroclor-1232	1	ug/L	U			0.71	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	PCBS	53469-21-9	Aroclor-1242	1	ug/L	U			5.8	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	PCBS	12672-29-6	Aroclor-1248	1	ug/L	U			1.2	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	PCBS	11097-69-1	Aroclor-1254	1	ug/L	U			7.2	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	PCBS	11096-82-5	Aroclor-1260	1	ug/L	U			1.6	
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	100	ug/L	U				
MW-04	723604.295	7834944.358	1/10/2000	8.21 - 28.21	WG	N	000110BIL16GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	60	ug/L	U				
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8081 Pest	72-54-8	4,4'-DDD	0.00217	ug/L	UJ			3.2	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8081 Pest	72-55-9	4,4'-DDE	0.00217	ug/L	UJ			310	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8081 Pest	50-29-3	4,4'-DDT	0.00217	ug/L	UJ			0.23	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8081 Pest	309-00-2	Aldrin	0.00108	ug/L	UJ			3.5	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8081 Pest	319-84-6	alpha-BHC	0.00108	ug/L	UJ			18	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8081 Pest	319-85-7	beta-BHC	0.00108	ug/L	UJ			0.025	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8081 Pest	319-86-8	delta-BHC	0.00108	ug/L	UJ			0.0072	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8081 Pest	60-57-1	Dieldrin	0.00217	ug/L	UJ			2.4	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8081 Pest	959-98-8	Endosulfan I	0.00108	ug/L	UJ			98	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8081 Pest	33213-65-9	Endosulfan II	0.00217	ug/L	UJ			98	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.00217	ug/L	UJ			98	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8081 Pest	72-20-8	Endrin	0.00217	ug/L	UJ			170	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8081 Pest	7421-93-4	Endrin aldehyde	0.00217	ug/L	UJ			170	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8081 Pest	53494-70-5	Endrin ketone	0.00217	ug/L	UJ			170	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.00108	ug/L	UJ			100	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8081 Pest	76-44-8	Heptachlor	0.00108	ug/L	UJ			1.8	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.00108	ug/L	UJ			3.2	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8081 Pest	72-43-5	Methoxychlor	0.0108	ug/L	UJ			37	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8081 Pest	12789-03-6	technical-Chlordane	0.0108	ug/L	UJ			670	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8081 Pest	8001-35-2	Toxaphene	0.108	ug/L	UJ			18	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8082	12674-11-2	Aroclor-1016	0.0103	ug/L	U			75	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8082	11104-28-2	Aroclor-1221	0.0205	ug/L	U			2.3	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8082	11141-16-5	Aroclor-1232	0.0103	ug/L	U			0.71	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8082	53469-21-9	Aroclor-1242	0.0103	ug/L	U			5.8	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8082	12672-29-6	Aroclor-1248	0.0103	ug/L	U			1.2	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8082	11097-69-1	Aroclor-1254	0.0103	ug/L	U			7.2	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8082	11096-82-5	Aroclor-1260	0.0103	ug/L	U			1.6	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8151	93-76-5	2,4,5-T	0.16	ug/L	U			160	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8151	93-72-1	2,4,5-TP (Silvex)	0.08	ug/L	U			110	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8151	94-75-7	2,4-D	0.08	ug/L	U			77000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8151	94-82-6	2,4-DB	0.16	ug/L	U				
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8151	120-36-5	2,4-DP (Dichloroprop)	0.08	ug/L	U				
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8151	100-02-7	4-Nitrophenol	0.08	ug/L	U			5800	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8151	75-99-0	Dalapon	0.08	ug/L	U			600	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8151	1918-00-9	Dicamba	0.08	ug/L	U			570	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8151	88-85-7	Dinoseb	0.08	ug/L	U			15	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8151	94-74-6	MCPA	0.08	ug/L	U			1700	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8151	93-65-2	MCPP	0.08	ug/L	U			16	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8151	87-86-5	Pentachlorophenol	0.08	ug/L	U			53	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	1	ug/L	U			36	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	71-55-6	1,1,1-Trichloroethane	1	ug/L	U			53000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	1	ug/L	U			30	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	79-00-5	1,1,2-Trichloroethane	1	ug/L	U			44	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	75-34-3	1,1-Dichloroethane	1	ug/L	U			55	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	75-35-4	1,1-Dichloroethene	1	ug/L	U			1300	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	563-58-6	1,1-Dichloropropene	1	ug/L	U			40	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	87-61-6	1,2,3-Trichlorobenzene	1	ug/L	U			7	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	96-18-4	1,2,3-Trichloropropane	1	ug/L	U			200	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	120-82-1	1,2,4-Trichlorobenzene	1	ug/L	U			380	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	95-63-6	1,2,4-Trimethylbenzene	1	ug/L	U			2400	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	1	ug/L	U			0.34	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	106-93-4	1,2-Dibromoethane (EDB)	1	ug/L	U			1.5	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	95-50-1	1,2-Dichlorobenzene	1	ug/L	U			25000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	107-06-2	1,2-Dichloroethane	1	ug/L	U			18	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	78-87-5	1,2-Dichloropropane	1	ug/L	U			52	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	108-67-8	1,3,5-Trimethylbenzene	1	ug/L	U			1700	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	541-73-1	1,3-Dichlorobenzene	1	ug/L	U			25	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	142-28-9	1,3-Dichloropropane	1	ug/L	U			370	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	106-46-7	1,4-Dichlorobenzene	1	ug/L	U			25	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	594-20-7	2,2-Dichloropropane	1	ug/L	U			52	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	95-49-8	2-Chlorotoluene	1	ug/L	U			240	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	591-78-6	2-Hexanone	5	ug/L	U			72000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	106-43-4	4-Chlorotoluene	1	ug/L	U			250	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	67-64-1	Acetone	5	ug/L	U			18000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	71-43-2	Benzene	1	ug/L	U			12	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	108-86-1	Bromobenzene	1	ug/L	U			6300	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	74-97-5	Bromochloromethane	1	ug/L	U			450	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	75-27-4	Bromodichloromethane	1	ug/L	U			6.9	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	75-25-2	Bromoform	1	ug/L	U			1100	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	74-83-9	Bromomethane	2	ug/L	U			110	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	75-15-0	Carbon disulfide	1	ug/L	U			8200	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	56-23-5	Carbon tetrachloride	1	ug/L	U			3.1	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	108-90-7	Chlorobenzene	1	ug/L	U			3400	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	75-00-3	Chloroethane	1	ug/L	U			57000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	67-66-3	Chloroform	1.86	ug/L				5.9	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	74-87-3	Chloromethane	1	ug/L	U			1500	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	156-59-2	cis-1,2-Dichloroethene	1	ug/L	U			1800	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	10061-01-5	cis-1,3-Dichloropropene	1	ug/L	U			40	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	124-48-1	Dibromochloromethane	1	ug/L	U			610	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	74-95-3	Dibromomethane	1	ug/L	U			950	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	75-71-8	Dichlorodifluoromethane	1	ug/L	U			41	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	100-41-4	Ethylbenzene	1	ug/L	U			31	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	87-68-3	Hexachlorobutadiene	1	ug/L	U			3.3	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	98-82-8	Isopropylbenzene	1	ug/L	U			9100	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	179601-23-1	m,p-Xylene	2	ug/L	U			3000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	75-09-2	Methylene chloride	1	ug/L	U			15000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	5	ug/L	U			4600000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	104-51-8	n-Butylbenzene	1	ug/L	U			1000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	103-65-1	n-Propylbenzene	1	ug/L	U			22000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	95-47-6	o-Xylene	1	ug/L	U			4300	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	99-87-6	p-Cymene	1	ug/L	U			9100	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	135-98-8	sec-Butylbenzene	1	ug/L	U			2000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	100-42-5	Styrene	1	ug/L	U			84000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	98-06-6	tert-Butylbenzene	1	ug/L	U			690	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	127-18-4	Tetrachloroethene	1	ug/L	U			130	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	108-88-3	Toluene	1	ug/L	U			150000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	156-60-5	trans-1,2-Dichloroethene	1	ug/L	U			457	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	10061-02-6	trans-1,3-Dichloropropene	1	ug/L	U			21	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	79-01-6	Trichloroethene	1	ug/L	U			7.4	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	75-69-4	Trichlorofluoromethane	1	ug/L	U			160000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	108-05-4	Vinyl acetate	5	ug/L	U			80000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8260	75-01-4	Vinyl chloride	1	ug/L	U			3.3	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	95-95-4	2,4,5-Trichlorophenol	1.04	ug/L	U			1200	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	88-06-2	2,4,6-Trichlorophenol	1.04	ug/L	U			1700	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	120-83-2	2,4-Dichlorophenol	1.04	ug/L	U			46	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	105-67-9	2,4-Dimethylphenol	1.04	ug/L	U			360	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	51-28-5	2,4-Dinitrophenol	5.18	ug/L	U			39	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	121-14-2	2,4-Dinitrotoluene	1.04	ug/L	U			0.24	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	606-20-2	2,6-Dinitrotoluene	1.04	ug/L	U			830	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	91-58-7	2-Chloronaphthalene	0.104	ug/L	U			750	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	95-57-8	2-Chlorophenol	1.04	ug/L	U			91	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	91-57-6	2-Methylnaphthalene	0.434	ug/L	J			36	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	95-48-7	2-Methylphenol	1.04	ug/L	U			930	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	88-74-4	2-Nitroaniline	1.04	ug/L	U			190	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	88-75-5	2-Nitrophenol	1.04	ug/L	U			5800	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	1319-77-3	3 & 4-Methylphenol	1.04	ug/L	U			370	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	91-94-1	3,3'-Dichlorobenzidine	1.04	ug/L	U			0.17	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	99-09-2	3-Nitroaniline	1.04	ug/L	U			190	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	5.18	ug/L	U			1.5	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	101-55-3	4-Bromophenyl phenyl ether	1.04	ug/L	U				
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	59-50-7	4-Chloro-3-methylphenol	1.04	ug/L	U			1400	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	106-47-8	4-Chloroaniline	1.04	ug/L	U			0.37	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	1.04	ug/L	U				
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	100-01-6	4-Nitroaniline	1.04	ug/L	U			3.8	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	83-32-9	Acenaphthene	0.104	ug/L	U			510	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	208-96-8	Acenaphthylene	0.104	ug/L	U			20	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	62-53-3	Aniline	1.04	ug/L	U			13	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	120-12-7	Anthracene	0.104	ug/L	U			1800	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	92-87-5	Benzidine	5.18	ug/L	U			17	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	56-55-3	Benzo(a)anthracene	0.104	ug/L	U			2300	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	50-32-8	Benzo(a)pyrene	0.104	ug/L	U			0.025	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	191-24-2	Benzo(g,h,i)perylene	0.104	ug/L	U			120	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	56832-73-6	Benzofluoranthenes, Total	0.207	ug/L	U				
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	65-85-0	Benzoic acid	5.18	ug/L	U			75000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	100-51-6	Benzyl alcohol	1.04	ug/L	U			2000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	111-91-1	Bis (2-chloroethoxy) methane	1.04	ug/L	U			59	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	111-44-4	Bis (2-chloroethyl) ether	1.04	ug/L	U			140	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	1.79	ug/L				5.6	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	1.04	ug/L	U			710	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	85-68-7	Butyl benzylphthalate	5.18	ug/L	U			16	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	86-74-8	Carbazole	0.104	ug/L	U			7.9	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	218-01-9	Chrysene	0.104	ug/L	U			25	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	53-70-3	Dibenzo(a,h)anthracene	0.104	ug/L	U			0.025	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	132-64-9	Dibenzofuran	1.04	ug/L	U			7.9	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	84-66-2	Diethyl phthalate	1.04	ug/L	U			15000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	131-11-3	Dimethyl phthalate	1.04	ug/L	U			15000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	84-74-2	Di-n-butylphthalate	5.18	ug/L	U			900	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	117-84-0	Di-n-octylphthalate	2.85	ug/L				200	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	206-44-0	Fluoranthene	0.104	ug/L	U			800	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	86-73-7	Fluorene	0.104	ug/L	U			280	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	118-74-1	Hexachlorobenzene	1.04	ug/L	U			1.3	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	77-47-4	Hexachlorocyclopentadiene	1.04	ug/L	U			48	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	67-72-1	Hexachloroethane	1.04	ug/L	U			7	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	0.104	ug/L	U			0.25	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	78-59-1	Isophorone	1.04	ug/L	U			78	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	91-20-3	Naphthalene	0.104	ug/L	U			20	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	98-95-3	Nitrobenzene	1.04	ug/L	U			800	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	62-75-9	N-Nitrosodimethylamine	5.18	ug/L	U			25	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	621-64-7	N-Nitrosodi-n-propylamine	1.04	ug/L	U			370	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	86-30-6	N-Nitrosodiphenylamine	1.04	ug/L	U			12	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	85-01-8	Phenanthrene	0.211	ug/L				1800	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	108-95-2	Phenol	1.04	ug/L	U			5800	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	8270	129-00-0	Pyrene	0.104	ug/L	U			110	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	Krone	1002-53-5	Dibutyltin	0.00302	ug/L	U			6	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	Krone	78763-54-9	Monobutyltin	0.00302	ug/L	U			3.7	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	Krone	1461-25-2	Tetrabutyltin	0.00302	ug/L	U			3.7	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	Krone	688-73-3	Tributyltin	0.00402	ug/L	U			3.7	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	METALS	7440-36-0	Antimony	4.13	ug/L				7.8	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	METALS	7440-38-2	Arsenic	1.78	ug/L				6300	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	METALS	7440-39-3	Barium	308	ug/L				4000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	METALS	7440-41-7	Beryllium	0.294	ug/L	J			270000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	METALS	7440-43-9	Cadmium	4.74	ug/L				130000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	METALS	7440-47-3	Chromium	6.49	ug/L				30000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	METALS	7440-50-8	Copper	225	ug/L				5400000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	METALS	7439-89-6	Iron	13000	ug/L				14000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	METALS	7439-92-1	Lead	83	ug/L				15	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	METALS	7439-96-5	Manganese	336	ug/L				3200000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	METALS	7439-97-6	Mercury	0.0002	ug/L	U			11	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	METALS	7440-02-0	Nickel	119	ug/L				400	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	METALS	7782-49-2	Selenium	0.003	ug/L	U			100	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	METALS	7440-22-4	Silver	0.724	ug/L				1100000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	METALS	7440-28-0	Thallium	0.19	ug/L	J			0.2	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	METALS	7440-66-6	Zinc	1770	ug/L				6000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	NWTPH-Dx	TPH-D	Diesel Range Organics	461	ug/L				100	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	NWTPH-Dx	MOIL	Residual Range Organics	699	ug/L				300	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	0.1	ug/L	U			14000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.832	ug/L	U				
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	FD	020503BIL07GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	1.165	ug/L					
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8081 Pest	72-54-8	4,4'-DDD	0.000473	ug/L	UJ			3.2	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8081 Pest	72-55-9	4,4'-DDE	0.000391	ug/L	UJ			310	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8081 Pest	50-29-3	4,4'-DDT	0.000501	ug/L	UJ			0.23	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8081 Pest	309-00-2	Aldrin	0.000115	ug/L	UJ			3.5	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8081 Pest	319-84-6	alpha-BHC	0.000369	ug/L	UJ			18	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8081 Pest	319-85-7	beta-BHC	0.000428	ug/L	UJ			0.025	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8081 Pest	319-86-8	delta-BHC	0.000235	ug/L	UJ			0.0072	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8081 Pest	60-57-1	Dieldrin	0.000303	ug/L	UJ			2.4	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8081 Pest	959-98-8	Endosulfan I	0.0005	ug/L	UJ			98	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8081 Pest	33213-65-9	Endosulfan II	0.00038	ug/L	UJ			98	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.000539	ug/L	UJ			98	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8081 Pest	72-20-8	Endrin	0.000311	ug/L	UJ			170	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8081 Pest	7421-93-4	Endrin aldehyde	0.000976	ug/L	UJ			170	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8081 Pest	53494-70-5	Endrin ketone	0.000346	ug/L	UJ			170	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.000722	ug/L	UJ			100	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8081 Pest	76-44-8	Heptachlor	0.000756	ug/L	UJ			1.8	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.000375	ug/L	UJ			3.2	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8081 Pest	72-43-5	Methoxychlor	0.000539	ug/L	UJ			37	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8081 Pest	12789-03-6	technical-Chlordane	0.00321	ug/L	UJ			670	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8081 Pest	8001-35-2	Toxaphene	0.0117	ug/L	UJ			18	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8082	12674-11-2	Aroclor-1016	0.00217	ug/L	U			75	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8082	11104-28-2	Aroclor-1221	0.0054	ug/L	U			2.3	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8082	11141-16-5	Aroclor-1232	0.00257	ug/L	U			0.71	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8082	53469-21-9	Aroclor-1242	0.00358	ug/L	U			5.8	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8082	12672-29-6	Aroclor-1248	0.00166	ug/L	U			1.2	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8082	11097-69-1	Aroclor-1254	0.00217	ug/L	U			7.2	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8082	11096-82-5	Aroclor-1260	0.00119	ug/L	U			1.6	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8151	93-76-5	2,4,5-T	0.0566	ug/L	U			160	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8151	93-72-1	2,4,5-TP (Silvex)	0.0227	ug/L	U			110	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8151	94-75-7	2,4-D	0.0296	ug/L	U			77000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8151	94-82-6	2,4-DB	0.0577	ug/L	U				
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8151	120-36-5	2,4-DP (Dichloroprop)	0.0114	ug/L	U				
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8151	100-02-7	4-Nitrophenol	0.0114	ug/L	U			5800	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8151	75-99-0	Dalapon	0.0124	ug/L	U			600	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8151	1918-00-9	Dicamba	0.0221	ug/L	U			570	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8151	88-85-7	Dinoseb	0.0292	ug/L	U			15	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8151	94-74-6	MCPA	0.0114	ug/L	U			1700	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8151	93-65-2	MCPP	0.0134	ug/L	U			16	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.5	ug/L	U			36	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	71-55-6	1,1,1-Trichloroethane	0.5	ug/L	U			53000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.5	ug/L	U			30	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	79-00-5	1,1,2-Trichloroethane	0.5	ug/L	U			44	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	75-34-3	1,1-Dichloroethane	0.5	ug/L	U			55	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	75-35-4	1,1-Dichloroethene	0.5	ug/L	U			1300	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	563-58-6	1,1-Dichloropropene	0.5	ug/L	U			40	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	87-61-6	1,2,3-Trichlorobenzene	0.5	ug/L	U			7	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	96-18-4	1,2,3-Trichloropropane	0.5	ug/L	U			200	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	95-63-6	1,2,4-Trimethylbenzene	0.5	ug/L	U			2400	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	106-93-4	1,2-Dibromoethane (EDB)	0.5	ug/L	U			1.5	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	107-06-2	1,2-Dichloroethane	0.5	ug/L	U			18	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	78-87-5	1,2-Dichloropropane	0.5	ug/L	U			52	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	108-67-8	1,3,5-Trimethylbenzene	0.5	ug/L	U			1700	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	142-28-9	1,3-Dichloropropane	0.5	ug/L	U			370	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	594-20-7	2,2-Dichloropropane	0.5	ug/L	U			52	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	95-49-8	2-Chlorotoluene	0.5	ug/L	U			240	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	591-78-6	2-Hexanone	2.5	ug/L	U			72000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	106-43-4	4-Chlorotoluene	0.5	ug/L	U			250	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	67-64-1	Acetone	2.5	ug/L	U			18000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	71-43-2	Benzene	0.5	ug/L	U			12	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	108-86-1	Bromobenzene	0.5	ug/L	U			6300	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	74-97-5	Bromochloromethane	0.5	ug/L	U			450	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	75-27-4	Bromodichloromethane	0.5	ug/L	U			6.9	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	75-25-2	Bromoform	0.5	ug/L	U			1100	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	56-23-5	Carbon tetrachloride	0.5	ug/L	U			3.1	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	108-90-7	Chlorobenzene	0.5	ug/L	U			3400	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	75-00-3	Chloroethane	0.5	ug/L	U			57000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	67-66-3	Chloroform	1.69	ug/L				5.9	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	74-87-3	Chloromethane	0.5	ug/L	U			1500	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	156-59-2	cis-1,2-Dichloroethene	0.5	ug/L	U			1800	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	10061-01-5	cis-1,3-Dichloropropene	0.5	ug/L	U			40	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	124-48-1	Dibromochloromethane	0.5	ug/L	U			610	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	74-95-3	Dibromomethane	0.5	ug/L	U			950	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	75-71-8	Dichlorodifluoromethane	0.5	ug/L	U			41	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	100-41-4	Ethylbenzene	0.5	ug/L	U			31	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	98-82-8	Isopropylbenzene	0.5	ug/L	U			9100	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	75-09-2	Methylene chloride	0.5	ug/L	U			15000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	2.5	ug/L	U			4600000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	104-51-8	n-Butylbenzene	0.5	ug/L	U			1000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	103-65-1	n-Propylbenzene	0.5	ug/L	U			22000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	95-47-6	o-Xylene	0.5	ug/L	U			4300	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	99-87-6	p-Cymene	0.5	ug/L	U			9100	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	135-98-8	sec-Butylbenzene	0.5	ug/L	U			2000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	100-42-5	Styrene	0.5	ug/L	U			84000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	98-06-6	tert-Butylbenzene	0.5	ug/L	U			690	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	108-88-3	Toluene	0.5	ug/L	U			150000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	156-60-5	trans-1,2-Dichloroethene	0.5	ug/L	U			457	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	10061-02-6	trans-1,3-Dichloropropene	0.5	ug/L	U			21	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	79-01-6	Trichloroethene	0.5	ug/L	U			7.4	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	75-69-4	Trichlorofluoromethane	0.5	ug/L	U			160000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	108-05-4	Vinyl acetate	2.5	ug/L	U			80000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8260	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	120-82-1	1,2,4-Trichlorobenzene	0.01	ug/L	U			380	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	95-50-1	1,2-Dichlorobenzene	0.016	ug/L	U			25000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	541-73-1	1,3-Dichlorobenzene	0.017	ug/L	U			25	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	106-46-7	1,4-Dichlorobenzene	0.015	ug/L	U			25	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	95-95-4	2,4,5-Trichlorophenol	0.011	ug/L	U			1200	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	88-06-2	2,4,6-Trichlorophenol	0.012	ug/L	U			1700	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	120-83-2	2,4-Dichlorophenol	0.015	ug/L	U			46	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	105-67-9	2,4-Dimethylphenol	0.015	ug/L	U			360	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	51-28-5	2,4-Dinitrophenol	0.03	ug/L	U			39	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	121-14-2	2,4-Dinitrotoluene	0.013	ug/L	U			0.24	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	606-20-2	2,6-Dinitrotoluene	0.02	ug/L	U			830	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	91-58-7	2-Chloronaphthalene	0.0015	ug/L	U			750	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	95-57-8	2-Chlorophenol	0.017	ug/L	U			91	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	91-57-6	2-Methylnaphthalene	0.0316	ug/L	J			36	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	95-48-7	2-Methylphenol	0.024	ug/L	U			930	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	88-74-4	2-Nitroaniline	0.018	ug/L	U			190	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	88-75-5	2-Nitrophenol	0.022	ug/L	U			5800	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	91-94-1	3,3'-Dichlorobenzidine	0.036	ug/L	U			0.17	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	99-09-2	3-Nitroaniline	0.033	ug/L	U			190	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.022	ug/L	U			1.5	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	101-55-3	4-Bromophenyl phenyl ether	0.012	ug/L	U				
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	59-50-7	4-Chloro-3-methylphenol	0.054	ug/L	U			1400	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	106-47-8	4-Chloroaniline	0.039	ug/L	U			0.37	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.015	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	106-44-5	4-Methylphenol	0.023	ug/L	U			370	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	100-01-6	4-Nitroaniline	0.021	ug/L	U			3.8	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	83-32-9	Acenaphthene	0.0016	ug/L	U			510	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	208-96-8	Acenaphthylene	0.0015	ug/L	U			20	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	62-53-3	Aniline	0.05	ug/L	U			13	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	120-12-7	Anthracene	0.0015	ug/L	U			1800	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	92-87-5	Benzidine	0.024	ug/L	U			17	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	56-55-3	Benzo(a)anthracene	0.0044	ug/L	U			2300	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	50-32-8	Benzo(a)pyrene	0.0047	ug/L	U			0.025	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	191-24-2	Benzo(g,h,i)perylene	0.0034	ug/L	U			120	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	56832-73-6	Benzofluoranthenes, Total	0.0038	ug/L	U				
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	65-85-0	Benzoic acid	0.02	ug/L	U			75000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	100-51-6	Benzyl alcohol	0.032	ug/L	U			2000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	111-91-1	Bis (2-chloroethoxy) methane	0.018	ug/L	U			59	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	111-44-4	Bis (2-chloroethyl) ether	0.019	ug/L	U			140	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	0.065	ug/L	U			5.6	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.021	ug/L	U			710	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	85-68-7	Butyl benzylphthalate	0.187	ug/L	U			16	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	86-74-8	Carbazole	0.0028	ug/L	U			7.9	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	218-01-9	Chrysene	0.0025	ug/L	U			25	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	53-70-3	Dibenzo(a,h)anthracene	0.0027	ug/L	U			0.025	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	132-64-9	Dibenzofuran	0.014	ug/L	U			7.9	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	84-66-2	Diethyl phthalate	0.192	ug/L				15000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	131-11-3	Dimethyl phthalate	0.016	ug/L	U			15000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	84-74-2	Di-n-butylphthalate	0.231	ug/L	U			900	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	117-84-0	Di-n-octylphthalate	0.034	ug/L	U			200	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	206-44-0	Fluoranthene	0.0019	ug/L	U			800	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	86-73-7	Fluorene	0.0014	ug/L	U			280	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	118-74-1	Hexachlorobenzene	0.02	ug/L	U			1.3	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	87-68-3	Hexachlorobutadiene	0.029	ug/L	U			3.3	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	77-47-4	Hexachlorocyclopentadiene	0.026	ug/L	U			48	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	67-72-1	Hexachloroethane	0.04	ug/L	U			7	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	0.003	ug/L	U			0.25	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	78-59-1	Isophorone	0.018	ug/L	U			78	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	91-20-3	Naphthalene	0.04	ug/L				20	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	98-95-3	Nitrobenzene	0.045	ug/L	U			800	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	62-75-9	N-Nitrosodimethylamine	0.033	ug/L	U			25	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	621-64-7	N-Nitrosodi-n-propylamine	0.021	ug/L	U			370	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	86-30-6	N-Nitrosodiphenylamine	0.01	ug/L	U			12	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	87-86-5	Pentachlorophenol	0.017	ug/L	U			53	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	85-01-8	Phenanthrene	0.0022	ug/L	U			1800	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	108-95-2	Phenol	0.032	ug/L	U			5800	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	8270	129-00-0	Pyrene	0.0014	ug/L	U			110	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	Krone	1002-53-5	Dibutyltin	0.00113	ug/L	U			6	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	Krone	78763-54-9	Monobutyltin	0.00107	ug/L	U			3.7	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	Krone	1461-25-2	Tetrabutyltin	0.00113	ug/L	U			3.7	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	Krone	688-73-3	Tributyltin	0.00159	ug/L	U			3.7	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	METALS	7440-36-0	Antimony	3.65	ug/L				7.8	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	METALS	7440-38-2	Arsenic	3.11	ug/L				6300	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	METALS	7440-39-3	Barium	300	ug/L				4000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	METALS	7440-41-7	Beryllium	0.241	ug/L	J			270000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	METALS	7440-43-9	Cadmium	4.62	ug/L				130000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	METALS	7440-47-3	Chromium	5.53	ug/L				30000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	METALS	7440-50-8	Copper	177	ug/L				5400000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	METALS	7439-89-6	Iron	11400	ug/L				14000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	METALS	7439-92-1	Lead	73.3	ug/L				15	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	METALS	7439-96-5	Manganese	317	ug/L				3200000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	METALS	7439-97-6	Mercury	0.131	ug/L	U			11	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	METALS	7440-02-0	Nickel	114	ug/L				400	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	METALS	7782-49-2	Selenium	0.385	ug/L	U			100	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	METALS	7440-22-4	Silver	0.591	ug/L				1100000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	METALS	7440-28-0	Thallium	0.204	ug/L	J			0.2	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	METALS	7440-66-6	Zinc	1720	ug/L				6000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	NWTPH-Dx	TPH-D	Diesel Range Organics	509	ug/L				100	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	NWTPH-Dx	MOIL	Residual Range Organics	800	ug/L				300	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	100	ug/L	U			14000	
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.024	ug/L	U				
MW-04	723604.295	7834944.358	5/3/2002	8.21 - 28.21	WG	N	020503BIL06GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.0803	ug/L					
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	300.0	24959-67-9	Bromide	10	ug/L	U				
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	6010B	7440-70-2	Calcium, Dissolved	98000	ug/L					
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	6010B	7439-89-6	Iron	746	ug/L				14000	
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	6010B	7439-89-6	Iron, Dissolved	8.8	ug/L	J			14000	
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	6010B	7439-95-4	Magnesium, Dissolved	7550	ug/L					
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	6010B	7440-09-7	Potassium, Dissolved	3750	ug/L					
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	6010B	7440-23-5	Sodium, Dissolved	4040	ug/L					
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	6020	7440-38-2	Arsenic	0.55	ug/L				6300	
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	6020	7440-38-2	Arsenic, Dissolved	0.5	ug/L	U			6300	
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	6020	7439-92-1	Lead	26.9	ug/L				15	
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	6020	7439-92-1	Lead, Dissolved	3.5	ug/L				15	
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	6020	7439-96-5	Manganese	53.2	ug/L				3200000	
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	6020	7439-96-5	Manganese, Dissolved	53.1	ug/L				3200000	
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	8260B	67-66-3	Chloroform	2.2	ug/L				5.9	
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	8260B	127-18-4	Tetrachloroethene	0.25	ug/L	J			130	
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	8270C	106-46-7	1,4-Dichlorobenzene	0.031	ug/L	U			25	
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	8270C	100-02-7	4-Nitrophenol	0.3	ug/L	U			5800	
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	8270C	85-01-8	Phenanthrene	0.024	ug/L	U			1800	
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	8270C	108-95-2	Phenol	0.067	ug/L	U			5800	
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	Krone	1002-53-5	Dibutyltin	0.0081	ug/L	U			6	
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	Krone	78763-54-9	Monobutyltin	0.011	ug/L	U			3.7	
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	NWTPH-Dx	TPH-D	Diesel Range Organics	120	ug/L	U			100	
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	NWTPH-Dx	MOIL	Residual Range Organics	110	ug/L	U			300	
MW-04	723604.295	7834944.358	4/17/2008	8.21 - 28.21	WG	N	080417MW4 GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-04	723604.295	7834944.358	7/17/2008	8.21 - 28.21	WG	N	080717MW4GW	6010B	7439-89-6	Iron	14700	ug/L				14000	
MW-04	723604.295	7834944.358	7/17/2008	8.21 - 28.21	WG	N	080717MW4GW	6010B	7439-89-6	Iron, Dissolved	13200	ug/L				14000	
MW-04	723604.295	7834944.358	7/17/2008	8.21 - 28.21	WG	N	080717MW4GW	6010B	7439-96-5	Manganese	780	ug/L				3200000	
MW-04	723604.295	7834944.358	7/17/2008	8.21 - 28.21	WG	N	080717MW4GW	6010B	7439-96-5	Manganese, Dissolved	737	ug/L				3200000	
MW-04	723604.295	7834944.358	7/17/2008	8.21 - 28.21	WG	N	080717MW4GW	6020	7440-38-2	Arsenic	0.3	ug/L	J			6300	
MW-04	723604.295	7834944.358	7/17/2008	8.21 - 28.21	WG	N	080717MW4GW	6020	7440-38-2	Arsenic, Dissolved	0.41	ug/L	J			6300	
MW-04	723604.295	7834944.358	7/17/2008	8.21 - 28.21	WG	N	080717MW4GW	6020	7439-92-1	Lead	4.96	ug/L				15	

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	7/17/2008	8.21 - 28.21	WG	N	080717MW4GW	6020	7439-92-1	Lead, Dissolved	1.62	ug/L				15	
MW-04	723604.295	7834944.358	7/17/2008	8.21 - 28.21	WG	N	080717MW4GW	8260B	67-66-3	Chloroform	0.1	ug/L	J			5.9	
MW-04	723604.295	7834944.358	7/17/2008	8.21 - 28.21	WG	N	080717MW4GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-04	723604.295	7834944.358	7/17/2008	8.21 - 28.21	WG	N	080717MW4GW	8260B	75-01-4	Vinyl chloride	0.41	ug/L	J			3.3	
MW-04	723604.295	7834944.358	7/17/2008	8.21 - 28.21	WG	N	080717MW4GW	8270C	106-46-7	1,4-Dichlorobenzene	0.029	ug/L	U			25	
MW-04	723604.295	7834944.358	7/17/2008	8.21 - 28.21	WG	N	080717MW4GW	8270C	100-02-7	4-Nitrophenol	0.28	ug/L	U			5800	
MW-04	723604.295	7834944.358	7/17/2008	8.21 - 28.21	WG	N	080717MW4GW	8270C	85-01-8	Phenanthrene	0.022	ug/L	U			1800	
MW-04	723604.295	7834944.358	7/17/2008	8.21 - 28.21	WG	N	080717MW4GW	8270C	108-95-2	Phenol	0.063	ug/L	U			5800	
MW-04	723604.295	7834944.358	7/17/2008	8.21 - 28.21	WG	N	080717MW4GW	Krone	1002-53-5	Dibutyltin	0.11	ug/L	J			6	
MW-04	723604.295	7834944.358	7/17/2008	8.21 - 28.21	WG	N	080717MW4GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	UJ			3.7	
MW-04	723604.295	7834944.358	7/17/2008	8.21 - 28.21	WG	N	080717MW4GW	NWTPH-Dx	TPH-D	Diesel Range Organics	130	ug/L				100	
MW-04	723604.295	7834944.358	7/17/2008	8.21 - 28.21	WG	N	080717MW4GW	NWTPH-Dx	MOIL	Residual Range Organics	140	ug/L	U			300	
MW-04	723604.295	7834944.358	7/17/2008	8.21 - 28.21	WG	N	080717MW4GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-04	723604.295	7834944.358	10/23/2008	8.21 - 28.21	WG	N	081023MW4GW	6010B	7439-89-6	Iron	28100	ug/L				14000	
MW-04	723604.295	7834944.358	10/23/2008	8.21 - 28.21	WG	N	081023MW4GW	6010B	7439-89-6	Iron, Dissolved	29600	ug/L				14000	
MW-04	723604.295	7834944.358	10/23/2008	8.21 - 28.21	WG	N	081023MW4GW	6010B	7439-96-5	Manganese	1260	ug/L				3200000	
MW-04	723604.295	7834944.358	10/23/2008	8.21 - 28.21	WG	N	081023MW4GW	6010B	7439-96-5	Manganese, Dissolved	1340	ug/L				3200000	
MW-04	723604.295	7834944.358	10/23/2008	8.21 - 28.21	WG	N	081023MW4GW	6020	7440-38-2	Arsenic	0.34	ug/L	J			6300	
MW-04	723604.295	7834944.358	10/23/2008	8.21 - 28.21	WG	N	081023MW4GW	6020	7440-38-2	Arsenic, Dissolved	0.37	ug/L	J			6300	
MW-04	723604.295	7834944.358	10/23/2008	8.21 - 28.21	WG	N	081023MW4GW	6020	7439-92-1	Lead	1.65	ug/L				15	
MW-04	723604.295	7834944.358	10/23/2008	8.21 - 28.21	WG	N	081023MW4GW	6020	7439-92-1	Lead, Dissolved	0.372	ug/L				15	
MW-04	723604.295	7834944.358	10/23/2008	8.21 - 28.21	WG	N	081023MW4GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-04	723604.295	7834944.358	10/23/2008	8.21 - 28.21	WG	N	081023MW4GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-04	723604.295	7834944.358	10/23/2008	8.21 - 28.21	WG	N	081023MW4GW	8260B	75-01-4	Vinyl chloride	0.33	ug/L	J			3.3	
MW-04	723604.295	7834944.358	10/23/2008	8.21 - 28.21	WG	N	081023MW4GW	8270C	106-46-7	1,4-Dichlorobenzene	0.03	ug/L	UJ			25	
MW-04	723604.295	7834944.358	10/23/2008	8.21 - 28.21	WG	N	081023MW4GW	8270C	100-02-7	4-Nitrophenol	0.29	ug/L	U			5800	
MW-04	723604.295	7834944.358	10/23/2008	8.21 - 28.21	WG	N	081023MW4GW	8270C	85-01-8	Phenanthrene	0.023	ug/L	U			1800	
MW-04	723604.295	7834944.358	10/23/2008	8.21 - 28.21	WG	N	081023MW4GW	8270C	108-95-2	Phenol	0.064	ug/L	U			5800	
MW-04	723604.295	7834944.358	10/23/2008	8.21 - 28.21	WG	N	081023MW4GW	Krone	1002-53-5	Dibutyltin	0.0073	ug/L	U			6	
MW-04	723604.295	7834944.358	10/23/2008	8.21 - 28.21	WG	N	081023MW4GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-04	723604.295	7834944.358	10/23/2008	8.21 - 28.21	WG	N	081023MW4GW	NWTPH-Dx	TPH-D	Diesel Range Organics	120	ug/L				100	
MW-04	723604.295	7834944.358	10/23/2008	8.21 - 28.21	WG	N	081023MW4GW	NWTPH-Dx	MOIL	Residual Range Organics	160	ug/L				300	
MW-04	723604.295	7834944.358	10/23/2008	8.21 - 28.21	WG	N	081023MW4GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-04	723604.295	7834944.358	1/14/2009	8.21 - 28.21	WG	N	090114MW4GW	6010B	7439-89-6	Iron	156	ug/L				14000	
MW-04	723604.295	7834944.358	1/14/2009	8.21 - 28.21	WG	N	090114MW4GW	6010B	7439-89-6	Iron, Dissolved	27.7	ug/L	U			14000	
MW-04	723604.295	7834944.358	1/14/2009	8.21 - 28.21	WG	N	090114MW4GW	6020	7440-38-2	Arsenic	0.5	ug/L	U			6300	
MW-04	723604.295	7834944.358	1/14/2009	8.21 - 28.21	WG	N	090114MW4GW	6020	7440-38-2	Arsenic, Dissolved	0.5	ug/L	U			6300	
MW-04	723604.295	7834944.358	1/14/2009	8.21 - 28.21	WG	N	090114MW4GW	6020	7439-92-1	Lead	7.45	ug/L				15	
MW-04	723604.295	7834944.358	1/14/2009	8.21 - 28.21	WG	N	090114MW4GW	6020	7439-92-1	Lead, Dissolved	3.16	ug/L				15	
MW-04	723604.295	7834944.358	1/14/2009	8.21 - 28.21	WG	N	090114MW4GW	6020	7439-96-5	Manganese	36.8	ug/L				3200000	
MW-04	723604.295	7834944.358	1/14/2009	8.21 - 28.21	WG	N	090114MW4GW	6020	7439-96-5	Manganese, Dissolved	37.1	ug/L				3200000	
MW-04	723604.295	7834944.358	1/14/2009	8.21 - 28.21	WG	N	090114MW4GW	8260B	67-66-3	Chloroform	3.7	ug/L				5.9	
MW-04	723604.295	7834944.358	1/14/2009	8.21 - 28.21	WG	N	090114MW4GW	8260B	127-18-4	Tetrachloroethene	0.23	ug/L	J			130	
MW-04	723604.295	7834944.358	1/14/2009	8.21 - 28.21	WG	N	090114MW4GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-04	723604.295	7834944.358	1/14/2009	8.21 - 28.21	WG	N	090114MW4GW	8270C	106-46-7	1,4-Dichlorobenzene	0.034	ug/L	U			25	
MW-04	723604.295	7834944.358	1/14/2009	8.21 - 28.21	WG	N	090114MW4GW	8270C	100-02-7	4-Nitrophenol	0.33	ug/L	U			5800	
MW-04	723604.295	7834944.358	1/14/2009	8.21 - 28.21	WG	N	090114MW4GW	8270C	85-01-8	Phenanthrene	0.026	ug/L	U			1800	
MW-04	723604.295	7834944.358	1/14/2009	8.21 - 28.21	WG	N	090114MW4GW	8270C	108-95-2	Phenol	0.074	ug/L	U			5800	
MW-04	723604.295	7834944.358	1/14/2009	8.21 - 28.21	WG	N	090114MW4GW	Krone	1002-53-5	Dibutyltin	0.0073	ug/L	U			6	
MW-04	723604.295	7834944.358	1/14/2009	8.21 - 28.21	WG	N	090114MW4GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	1/14/2009	8.21 - 28.21	WG	N	090114MW4GW	NWTPH-Dx	TPH-D	Diesel Range Organics	210	ug/L				100	
MW-04	723604.295	7834944.358	1/14/2009	8.21 - 28.21	WG	N	090114MW4GW	NWTPH-Dx	MOIL	Residual Range Organics	160	ug/L				300	
MW-04	723604.295	7834944.358	1/14/2009	8.21 - 28.21	WG	N	090114MW4GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0007388	ug/L				1.3	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	2051-60-7	PCB-1	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	33146-45-1	PCB-10	0.000042	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	39485-83-1	PCB-100	0.000042	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	37680-73-2	PCB-101	0.000023	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	68194-06-9	PCB-102	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	60145-21-3	PCB-103	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	56558-16-8	PCB-104	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	32598-14-4	PCB-105	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	70424-69-0	PCB-106	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	70424-68-9	PCB-107	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	70362-41-3	PCB-108	0.00001	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74472-35-8	PCB-109	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	2050-67-1	PCB-11	0.000041	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	38380-03-9	PCB-110	0.000029	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	39635-32-0	PCB-111	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74472-36-9	PCB-112	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	68194-10-5	PCB-113	0.000023	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74472-37-0	PCB-114	0.000021	ug/L	U			2.9	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74472-38-1	PCB-115	0.000029	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	18259-05-7	PCB-116	0.000052	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	68194-11-6	PCB-117	0.000052	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	31508-00-6	PCB-118	0.000012	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	56558-17-9	PCB-119	0.00001	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	2974-92-7	PCB-12	0.000073	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	68194-12-7	PCB-120	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	56558-18-0	PCB-121	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	76842-07-4	PCB-122	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	65510-44-3	PCB-123	0.000021	ug/L	U			1.4	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	70424-70-3	PCB-124	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74472-39-2	PCB-125	0.00001	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	57465-28-8	PCB-126	0.000021	ug/L	U			0.00042	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	39635-33-1	PCB-127	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	38380-07-3	PCB-128	0.000042	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	55215-18-4	PCB-129	0.000059	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	2974-90-5	PCB-13	0.000073	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52663-66-8	PCB-130	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	61798-70-7	PCB-131	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	38380-05-1	PCB-132	0.000019	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	35694-04-3	PCB-133	0.00001	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52704-70-8	PCB-134	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52744-13-5	PCB-135	0.000022	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	38411-22-2	PCB-136	0.0000079	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	35694-06-5	PCB-137	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	35065-28-2	PCB-138	0.000059	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	56030-56-9	PCB-139	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	34883-41-5	PCB-14	0.000021	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	59291-64-4	PCB-140	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52712-04-6	PCB-141	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	41411-61-4	PCB-142	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	68194-15-0	PCB-143	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	68194-14-9	PCB-144	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74472-40-5	PCB-145	0.00001	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	51908-16-8	PCB-146	0.00001	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	68194-13-8	PCB-147	0.000054	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74472-41-6	PCB-148	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	38380-04-0	PCB-149	0.000054	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	2050-68-2	PCB-15	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	68194-08-1	PCB-150	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52663-63-5	PCB-151	0.000022	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	68194-09-2	PCB-152	0.00001	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	35065-27-1	PCB-153	0.000054	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	60145-22-4	PCB-154	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	33979-03-2	PCB-155	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	38380-08-4	PCB-156	0.0000055	ug/L	U			7	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	69782-90-7	PCB-157	0.0000055	ug/L	U			1.6	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74472-42-7	PCB-158	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	39635-35-3	PCB-159	0.0000016	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	38444-78-9	PCB-16	0.000026	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	41411-62-5	PCB-160	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74472-43-8	PCB-161	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	39635-34-2	PCB-162	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74472-44-9	PCB-163	0.000059	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74472-45-0	PCB-164	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74472-46-1	PCB-165	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	41411-63-6	PCB-166	0.000042	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52663-72-6	PCB-167	0.0000025	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	59291-65-5	PCB-168	0.000054	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	32774-16-6	PCB-169	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	37680-66-3	PCB-17	0.0000026	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	35065-30-6	PCB-170	0.00003	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52663-71-5	PCB-171	0.000011	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52663-74-8	PCB-172	0.0000072	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	68194-16-1	PCB-173	0.000011	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	38411-25-5	PCB-174	0.000034	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	40186-70-7	PCB-175	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52663-65-7	PCB-176	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52663-70-4	PCB-177	0.000019	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52663-67-9	PCB-178	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52663-64-6	PCB-179	0.000013	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	37680-65-2	PCB-18	0.0000034	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	35065-29-3	PCB-180	0.000081	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74472-47-2	PCB-181	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	60145-23-5	PCB-182	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52663-69-1	PCB-183	0.000023	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74472-48-3	PCB-184	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52712-05-7	PCB-185	0.0000098	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74472-49-4	PCB-186	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52663-68-0	PCB-187	0.000045	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74487-85-7	PCB-188	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	39635-31-9	PCB-189	0.0000023	ug/L	J				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	38444-73-4	PCB-19	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	41411-64-7	PCB-190	0.0000062	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74472-50-7	PCB-191	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74472-51-8	PCB-192	0.00001	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	69782-91-8	PCB-193	0.000081	ug/L	J				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	35694-08-7	PCB-194	0.000028	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52663-78-2	PCB-195	0.0000086	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	42740-50-1	PCB-196	0.000019	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	33091-17-7	PCB-197	0.0000012	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	68194-17-2	PCB-198	0.000033	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52663-75-9	PCB-199	0.000033	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	2051-61-8	PCB-2	0.00001	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	38444-84-7	PCB-20	0.000006	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52663-73-7	PCB-200	0.0000049	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	40186-71-8	PCB-201	0.0000063	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	2136-99-4	PCB-202	0.0000089	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52663-76-0	PCB-203	0.00002	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74472-52-9	PCB-204	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74472-53-0	PCB-205	0.0000024	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	40186-72-9	PCB-206	0.000019	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52663-79-3	PCB-207	0.0000036	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52663-77-1	PCB-208	0.0000071	ug/L	J				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	2051-24-3	PCB-209	0.000008	ug/L	J				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	55702-46-0	PCB-21	0.0000037	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	38444-85-8	PCB-22	0.0000016	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	55720-44-0	PCB-23	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	55702-45-9	PCB-24	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	55712-37-3	PCB-25	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	38444-81-4	PCB-26	0.000042	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	38444-76-7	PCB-27	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	7012-37-5	PCB-28	0.000006	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	15862-07-4	PCB-29	0.000042	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	2051-62-9	PCB-3	0.00001	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	35693-92-6	PCB-30	0.0000034	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	16606-02-3	PCB-31	0.000005	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	38444-77-8	PCB-32	0.00001	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	38444-86-9	PCB-33	0.0000037	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	37680-68-5	PCB-34	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	37680-69-6	PCB-35	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	38444-87-0	PCB-36	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	38444-90-5	PCB-37	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	53555-66-1	PCB-38	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	38444-88-1	PCB-39	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	13029-08-8	PCB-4	0.000042	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	38444-93-8	PCB-40	0.0000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52663-59-9	PCB-41	0.000021	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	36559-22-5	PCB-42	0.0000016	ug/L	J				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	70362-46-8	PCB-43	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	41464-39-5	PCB-44	0.000011	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	70362-45-7	PCB-45	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	41464-47-5	PCB-46	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	2437-79-8	PCB-47	0.000011	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	70362-47-9	PCB-48	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	41464-40-8	PCB-49	0.0000033	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	16605-91-7	PCB-5	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	62796-65-0	PCB-50	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	68194-04-7	PCB-51	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	35693-99-3	PCB-52	0.000012	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	41464-41-9	PCB-53	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	15968-05-5	PCB-54	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74338-24-2	PCB-55	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	41464-43-1	PCB-56	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	70424-67-8	PCB-57	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	41464-49-7	PCB-58	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74472-33-6	PCB-59	0.000052	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	25569-80-6	PCB-6	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	33025-41-1	PCB-60	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	33284-53-6	PCB-61	0.0000096	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	54230-22-7	PCB-62	0.000052	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74472-34-7	PCB-63	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52663-58-8	PCB-64	0.0000025	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	33284-54-7	PCB-65	0.000011	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	32598-10-0	PCB-66	0.0000036	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	73575-53-8	PCB-67	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	73575-52-7	PCB-68	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	60233-24-1	PCB-69	0.0000033	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	33284-50-3	PCB-7	0.000026	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	32598-11-1	PCB-70	0.0000096	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	41464-46-4	PCB-71	0.0000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	41464-42-0	PCB-72	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	74338-23-1	PCB-73	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	32690-93-0	PCB-74	0.0000096	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	32598-12-2	PCB-75	0.000052	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	70362-48-0	PCB-76	0.0000096	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	32598-13-3	PCB-77	0.000021	ug/L	U			0.006	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	70362-49-1	PCB-78	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	41464-48-6	PCB-79	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	34883-43-7	PCB-8	0.000026	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	33284-52-5	PCB-80	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	70362-50-4	PCB-81	0.000021	ug/L	U			0.12	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52663-62-4	PCB-82	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	60145-20-2	PCB-83	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52663-60-2	PCB-84	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	65510-45-4	PCB-85	0.000052	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	55312-69-1	PCB-86	0.00001	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	38380-02-8	PCB-87	0.00001	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	55215-17-3	PCB-88	0.000042	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	73575-57-2	PCB-89	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	34883-39-1	PCB-9	0.000026	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	68194-07-0	PCB-90	0.000023	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	68194-05-8	PCB-91	0.000042	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	52663-61-3	PCB-92	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	73575-56-1	PCB-93	0.000042	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	73575-55-0	PCB-94	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	38379-99-6	PCB-95	0.000022	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	73575-54-9	PCB-96	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	41464-51-1	PCB-97	0.00001	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	60233-25-2	PCB-98	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	1668C	38380-01-7	PCB-99	0.0000078	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	NWTPH-DX	TPH-D	Diesel Range Organics	210	ug/L				100	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	NWTPH-DX	MOIL	Residual Range Organics	320	ug/L	J			300	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	NWTPH-GX	TPH-G	Gasoline Range Organics	40	ug/L	U			14000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	ORGANOTINS	1002-53-5	Dibutyltin	0.19	ug/L	UJ			6	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	ORGANOTINS	78763-54-9	Monobutyltin	0.16	ug/L	UJ			3.7	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	ORGANOTINS	1461-25-2	Tetrabutyltin	0.25	ug/L	UJ			3.7	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	DUP-2-GW	ORGANOTINS	688-73-3	Tributyltin	0.19	ug/L	UJ			3.7	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7429-90-5	Aluminum	129	ug/L	J			20000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7440-36-0	Antimony	6.11	ug/L	U			7.8	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7440-38-2	Arsenic	5	ug/L	U			6300	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7440-39-3	Barium	140	ug/L				4000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7440-41-7	Beryllium	2	ug/L	U			270000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7440-69-9	Bismuth	102	ug/L					
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7440-43-9	Cadmium	0.944	ug/L	J			130000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7440-70-2	Calcium	55800	ug/L					
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7440-47-3	Chromium	10	ug/L	U			30000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7440-48-4	Cobalt	10	ug/L	U			6	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7440-50-8	Copper	28.4	ug/L				5400000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7440-69-9	Germanium	93.7	ug/L					
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7440-74-6	Indium	94.3	ug/L					
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7439-89-6	Iron	2940	ug/L				14000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7439-92-1	Lead	21.2	ug/L	J			15	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7439-93-2	Lithium	93.4	ug/L					
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7439-95-4	Magnesium	8300	ug/L					
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7439-96-5	Manganese	251	ug/L				3200000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7440-02-0	Nickel	42.7	ug/L				400	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7440-09-7	Potassium	2670	ug/L					
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7440-20-2	Scandium	93.5	ug/L					
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7782-49-2	Selenium	10	ug/L	U			100	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7440-22-4	Silver	1	ug/L	U			1100000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7440-23-5	Sodium	10400	ug/L	J				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	15492-51-0	Terbium	98.1	ug/L					
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7440-28-0	Thallium	1	ug/L	U			0.2	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7440-62-2	Vanadium	50	ug/L				86	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7440-65-5	Yttrium	94.2	ug/L					
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW6020B	7440-66-6	Zinc	756	ug/L				6000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW7470A	7439-97-6	Mercury	0.4	ug/L	U			11	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	53-19-0	2,4-DDD	0.0103	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	3424-82-6	2,4-DDE	0.0103	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	789-02-6	2,4-DDT	0.0103	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	72-54-8	4,4'-DDD	0.0104	ug/L	U			3.2	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	72-55-9	4,4'-DDE	0.0208	ug/L	U			310	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	50-29-3	4,4'-DDT	0.0521	ug/L	U			0.23	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	309-00-2	Aldrin	0.0208	ug/L	U			3.5	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	319-84-6	alpha-BHC	0.0208	ug/L	U			18	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	5103-71-9	alpha-Chlordane	0.026	ug/L	U			0.45	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	319-85-7	beta-BHC	0.0208	ug/L	U			0.025	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	319-86-8	delta-BHC	0.0208	ug/L	U			0.0072	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	60-57-1	Dieldrin	0.0208	ug/L	U			2.4	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	959-98-8	Endosulfan I	0.0208	ug/L	U			98	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	33213-65-9	Endosulfan II	0.0208	ug/L	U			98	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	1031-07-8	Endosulfan sulfate	0.026	ug/L	U			98	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	72-20-8	Endrin	0.0208	ug/L	U			170	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	7421-93-4	Endrin aldehyde	0.026	ug/L	U			170	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	53494-70-5	Endrin ketone	0.0208	ug/L	U			170	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	58-89-9	gamma-BHC (Lindane)	0.0208	ug/L	U			100	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	5103-74-2	gamma-Chlordane	0.026	ug/L	U			0.45	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	76-44-8	Heptachlor	0.0208	ug/L	U			1.8	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	1024-57-3	Heptachlor epoxide	0.0208	ug/L	U			3.2	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	72-43-5	Methoxychlor	0.0521	ug/L	U			37	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	27304-13-8	Oxychlordane	0.0171	ug/L	J				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8081B	8001-35-2	Toxaphene	1.04	ug/L	U			18	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	630-20-6	1,1,1,2-Tetrachloroethane	0.2	ug/L	U			36	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	79-34-5	1,1,2,2-Tetrachloroethane	0.2	ug/L	U			30	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	79-00-5	1,1,2-Trichloroethane	0.2	ug/L	U			44	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	75-34-3	1,1-Dichloroethane	0.2	ug/L	U			55	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	96-18-4	1,2,3-Trichloropropane	0.2	ug/L	U			200	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	95-63-6	1,2,4-Trimethylbenzene	0.2	ug/L	U			2400	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	106-93-4	1,2-Dibromoethane (EDB)	0.2	ug/L	U			1.5	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	107-06-2	1,2-Dichloroethane	0.3	ug/L	U			18	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	78-87-5	1,2-Dichloropropane	0.3	ug/L	U			52	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	106-46-7	1,4-Dichlorobenzene	0.2	ug/L	U			25	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	594-20-7	2,2-Dichloropropane	0.2	ug/L	U			52	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	71-43-2	Benzene	0.2	ug/L	U			12	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	74-97-5	Bromochloromethane	0.2	ug/L	U			450	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	75-27-4	Bromodichloromethane	0.2	ug/L	U			6.9	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	56-23-5	Carbon tetrachloride	0.2	ug/L	U			3.1	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	67-66-3	Chloroform	0.3	ug/L	U			5.9	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	156-59-2	cis-1,2-Dichloroethene	0.3	ug/L	U			1800	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	10061-01-5	cis-1,3-Dichloropropene	0.2	ug/L	U			40	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	124-48-1	Dibromochloromethane	0.2	ug/L	U			610	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	74-95-3	Dibromomethane	0.2	ug/L	U			950	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	87-68-3	Hexachlorobutadiene	0.2	ug/L	U			3.3	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	98-82-8	Isopropylbenzene	0.2	ug/L	U			9100	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	103-65-1	n-Propylbenzene	0.2	ug/L	U			22000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	10061-02-6	trans-1,3-Dichloropropene	0.2	ug/L	U			21	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	79-01-6	Trichloroethene	0.2	ug/L	U			7.4	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8260B/D	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D	1319-77-3	3 & 4-Methylphenol	0.534	ug/L	U			370	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D	91-94-1	3,3'-Dichlorobenzidine	10.7	ug/L	U			0.17	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D	100-02-7	4-Nitrophenol	5.34	ug/L	U			5800	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D	92-87-5	Benzidine	42.7	ug/L	U			17	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D	111-44-4	Bis (2-chloroethyl) ether	0.534	ug/L	U			140	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D	85-68-7	Butyl benzylphthalate	0.534	ug/L	U			16	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D	86-74-8	Carbazole	0.534	ug/L	U			7.9	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D	132-64-9	Dibenzofuran	0.32	ug/L	U			7.9	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D	84-74-2	Di-n-butylphthalate	6.41	ug/L	U			900	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D	117-84-0	Di-n-octylphthalate	5.34	ug/L	U			200	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D	118-74-1	Hexachlorobenzene	0.534	ug/L	U			1.3	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D	62-75-9	N-Nitrosodimethylamine	0.534	ug/L	U			25	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	1.07	ug/L	U			370	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D	108-95-2	Phenol	0.534	ug/L	U			5800	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D SIM	91-57-6	2-Methylnaphthalene	0.0428	ug/L	U			36	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D SIM	83-32-9	Acenaphthene	0.0428	ug/L	U			510	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D SIM	208-96-8	Acenaphthylene	0.0428	ug/L	U			20	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D SIM	120-12-7	Anthracene	0.0428	ug/L	U			1800	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D SIM	56-55-3	Benzo(a)anthracene	0.0855	ug/L	U			2300	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D SIM	50-32-8	Benzo(a)pyrene	0.0641	ug/L	U			0.025	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D SIM	205-99-2	Benzo(b)fluoranthene	0.0641	ug/L	U			0.25	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D SIM	191-24-2	Benzo(g,h,i)perylene	0.0855	ug/L	U			120	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D SIM	207-08-9	Benzo(k)fluoranthene	0.0855	ug/L	U			2.5	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D SIM	117-81-7	Bis (2-ethylhexyl) phthalate	1.07	ug/L	U			5.6	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D SIM	218-01-9	Chrysene	0.128	ug/L	U			25	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D SIM	53-70-3	Dibenzo(a,h)anthracene	0.128	ug/L	U			0.025	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D SIM	206-44-0	Fluoranthene	0.0855	ug/L	U			800	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D SIM	86-73-7	Fluorene	0.0428	ug/L	U			280	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0855	ug/L	U			0.25	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D SIM	91-20-3	Naphthalene	0.0855	ug/L	U			20	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D SIM	85-01-8	Phenanthrene	0.128	ug/L	U			1800	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	SW8270D SIM	129-00-0	Pyrene	0.0641	ug/L	U			110	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.216593	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.8758	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	FD	22D0402-02	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.4702	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.003027	ug/L				1.3	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	2051-60-7	PCB-1	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	33146-45-1	PCB-10	0.000041	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	39485-83-1	PCB-100	0.000041	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	37680-73-2	PCB-101	0.000039	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	68194-06-9	PCB-102	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	60145-21-3	PCB-103	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	56558-16-8	PCB-104	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	32598-14-4	PCB-105	0.0000086	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	70424-69-0	PCB-106	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	70424-68-9	PCB-107	0.000031	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	70362-41-3	PCB-108	0.00002	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74472-35-8	PCB-109	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	2050-67-1	PCB-11	0.000044	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	38380-03-9	PCB-110	0.000047	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	39635-32-0	PCB-111	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74472-36-9	PCB-112	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	68194-10-5	PCB-113	0.000039	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74472-37-0	PCB-114	0.000021	ug/L	U			2.9	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74472-38-1	PCB-115	0.000047	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	18259-05-7	PCB-116	0.000051	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	68194-11-6	PCB-117	0.000051	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	31508-00-6	PCB-118	0.00002	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	56558-17-9	PCB-119	0.00002	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	2974-92-7	PCB-12	0.000072	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	68194-12-7	PCB-120	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	56558-18-0	PCB-121	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	76842-07-4	PCB-122	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	65510-44-3	PCB-123	0.000021	ug/L	U			1.4	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	70424-70-3	PCB-124	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74472-39-2	PCB-125	0.00002	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	57465-28-8	PCB-126	0.000021	ug/L	U			0.00042	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	39635-33-1	PCB-127	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	38380-07-3	PCB-128	0.000016	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	55215-18-4	PCB-129	0.00011	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	2974-90-5	PCB-13	0.000072	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52663-66-8	PCB-130	0.0000049	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	61798-70-7	PCB-131	0.000021	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	38380-05-1	PCB-132	0.000038	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	35694-04-3	PCB-133	0.00001	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52704-70-8	PCB-134	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52744-13-5	PCB-135	0.000042	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	38411-22-2	PCB-136	0.000015	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	35694-06-5	PCB-137	0.0000029	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	35065-28-2	PCB-138	0.00011	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	56030-56-9	PCB-139	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	34883-41-5	PCB-14	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	59291-64-4	PCB-140	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52712-04-6	PCB-141	0.000027	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	41411-61-4	PCB-142	0.000021	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	68194-15-0	PCB-143	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	68194-14-9	PCB-144	0.0000045	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74472-40-5	PCB-145	0.00001	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	51908-16-8	PCB-146	0.000013	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	68194-13-8	PCB-147	0.000095	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74472-41-6	PCB-148	0.000021	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	38380-04-0	PCB-149	0.000095	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	2050-68-2	PCB-15	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	68194-08-1	PCB-150	0.000021	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52663-63-5	PCB-151	0.000042	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	68194-09-2	PCB-152	0.00001	ug/L	UJ				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	35065-27-1	PCB-153	0.000093	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	60145-22-4	PCB-154	0.000021	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	33979-03-2	PCB-155	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	38380-08-4	PCB-156	0.00001	ug/L	U			7	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	69782-90-7	PCB-157	0.00001	ug/L	U			1.6	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74472-42-7	PCB-158	0.0000094	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	39635-35-3	PCB-159	0.0000026	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	38444-78-9	PCB-16	0.000026	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	41411-62-5	PCB-160	0.000021	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74472-43-8	PCB-161	0.000021	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	39635-34-2	PCB-162	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74472-44-9	PCB-163	0.00011	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74472-45-0	PCB-164	0.0000077	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74472-46-1	PCB-165	0.000021	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	41411-63-6	PCB-166	0.000016	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52663-72-6	PCB-167	0.0000042	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	59291-65-5	PCB-168	0.000093	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	32774-16-6	PCB-169	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	37680-66-3	PCB-17	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	35065-30-6	PCB-170	0.000047	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52663-71-5	PCB-171	0.000017	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52663-74-8	PCB-172	0.000011	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	68194-16-1	PCB-173	0.000017	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	38411-25-5	PCB-174	0.000063	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	40186-70-7	PCB-175	0.0000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52663-65-7	PCB-176	0.0000095	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52663-70-4	PCB-177	0.00003	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52663-67-9	PCB-178	0.000013	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52663-64-6	PCB-179	0.000025	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	37680-65-2	PCB-18	0.0000039	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	35065-29-3	PCB-180	0.00012	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74472-47-2	PCB-181	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	60145-23-5	PCB-182	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52663-69-1	PCB-183	0.000034	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74472-48-3	PCB-184	0.000021	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52712-05-7	PCB-185	0.00001	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74472-49-4	PCB-186	0.000021	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52663-68-0	PCB-187	0.000066	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74487-85-7	PCB-188	0.0000015	ug/L	J				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	39635-31-9	PCB-189	0.0000048	ug/L	J				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	38444-73-4	PCB-19	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	41411-64-7	PCB-190	0.000009	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74472-50-7	PCB-191	0.0000029	ug/L	J				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74472-51-8	PCB-192	0.00001	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	69782-91-8	PCB-193	0.00012	ug/L	J				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	35694-08-7	PCB-194	0.000037	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52663-78-2	PCB-195	0.000015	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	42740-50-1	PCB-196	0.000025	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	33091-17-7	PCB-197	0.0000034	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	68194-17-2	PCB-198	0.000047	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52663-75-9	PCB-199	0.000047	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	2051-61-8	PCB-2	0.00001	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	38444-84-7	PCB-20	0.0000066	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52663-73-7	PCB-200	0.0000076	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	40186-71-8	PCB-201	0.0000094	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	2136-99-4	PCB-202	0.000016	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52663-76-0	PCB-203	0.000029	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74472-52-9	PCB-204	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74472-53-0	PCB-205	0.0000046	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	40186-72-9	PCB-206	0.000034	ug/L	J				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52663-79-3	PCB-207	0.0000066	ug/L	J				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52663-77-1	PCB-208	0.000013	ug/L	J				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	2051-24-3	PCB-209	0.000021	ug/L	J				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	55702-46-0	PCB-21	0.000005	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	38444-85-8	PCB-22	0.0000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	55720-44-0	PCB-23	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	55702-45-9	PCB-24	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	55712-37-3	PCB-25	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	38444-81-4	PCB-26	0.000041	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	38444-76-7	PCB-27	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	7012-37-5	PCB-28	0.0000066	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	15862-07-4	PCB-29	0.000041	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	2051-62-9	PCB-3	0.00001	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	35693-92-6	PCB-30	0.0000039	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	16606-02-3	PCB-31	0.0000086	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	38444-77-8	PCB-32	0.00001	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	38444-86-9	PCB-33	0.000005	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	37680-68-5	PCB-34	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	37680-69-6	PCB-35	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	38444-87-0	PCB-36	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	38444-90-5	PCB-37	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	53555-66-1	PCB-38	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	38444-88-1	PCB-39	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	13029-08-8	PCB-4	0.000041	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	38444-93-8	PCB-40	0.0000032	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52663-59-9	PCB-41	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	36559-22-5	PCB-42	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	70362-46-8	PCB-43	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	41464-39-5	PCB-44	0.000012	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	70362-45-7	PCB-45	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	41464-47-5	PCB-46	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	2437-79-8	PCB-47	0.000012	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	70362-47-9	PCB-48	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	41464-40-8	PCB-49	0.0000041	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	16605-91-7	PCB-5	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	62796-65-0	PCB-50	0.0000015	ug/L	J				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	68194-04-7	PCB-51	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	35693-99-3	PCB-52	0.000015	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	41464-41-9	PCB-53	0.0000015	ug/L	J				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	15968-05-5	PCB-54	0.000021	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74338-24-2	PCB-55	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	41464-43-1	PCB-56	0.0000023	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	70424-67-8	PCB-57	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	41464-49-7	PCB-58	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74472-33-6	PCB-59	0.000051	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	25569-80-6	PCB-6	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	33025-41-1	PCB-60	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	33284-53-6	PCB-61	0.000012	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	54230-22-7	PCB-62	0.000051	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74472-34-7	PCB-63	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52663-58-8	PCB-64	0.000004	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	33284-54-7	PCB-65	0.000012	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	32598-10-0	PCB-66	0.0000052	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	73575-53-8	PCB-67	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	73575-52-7	PCB-68	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	60233-24-1	PCB-69	0.0000041	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	33284-50-3	PCB-7	0.000026	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	32598-11-1	PCB-70	0.000012	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	41464-46-4	PCB-71	0.0000032	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	41464-42-0	PCB-72	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	74338-23-1	PCB-73	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	32690-93-0	PCB-74	0.000012	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	32598-12-2	PCB-75	0.000051	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	70362-48-0	PCB-76	0.000012	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	32598-13-3	PCB-77	0.000021	ug/L	U			0.006	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	70362-49-1	PCB-78	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	41464-48-6	PCB-79	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	34883-43-7	PCB-8	0.000026	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	33284-52-5	PCB-80	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	70362-50-4	PCB-81	0.000021	ug/L	U			0.12	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52663-62-4	PCB-82	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	60145-20-2	PCB-83	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52663-60-2	PCB-84	0.000014	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	65510-45-4	PCB-85	0.000051	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	55312-69-1	PCB-86	0.00002	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	38380-02-8	PCB-87	0.00002	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	55215-17-3	PCB-88	0.000007	ug/L	J				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	73575-57-2	PCB-89	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	34883-39-1	PCB-9	0.000026	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	68194-07-0	PCB-90	0.000039	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	68194-05-8	PCB-91	0.000007	ug/L	J				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	52663-61-3	PCB-92	0.0000054	ug/L	J				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	73575-56-1	PCB-93	0.000041	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	73575-55-0	PCB-94	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	38379-99-6	PCB-95	0.000046	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	73575-54-9	PCB-96	0.000021	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	41464-51-1	PCB-97	0.00002	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	60233-25-2	PCB-98	0.000031	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	1668C	38380-01-7	PCB-99	0.000012	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	NWTPH-DX	TPH-D	Diesel Range Organics	200	ug/L				100	

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	NWTPH-DX	MOIL	Residual Range Organics	310	ug/L	J			300	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	NWTPH-GX	TPH-G	Gasoline Range Organics	40	ug/L	U			14000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	ORGANOTINS	1002-53-5	Dibutyltin	0.2	ug/L	UJ			6	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	ORGANOTINS	78763-54-9	Monobutyltin	0.16	ug/L	UJ			3.7	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	ORGANOTINS	1461-25-2	Tetrabutyltin	0.26	ug/L	UJ			3.7	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	MW-4-GW	ORGANOTINS	688-73-3	Tributyltin	0.2	ug/L	UJ			3.7	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7429-90-5	Aluminum	128	ug/L	J			20000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7440-36-0	Antimony	8.46	ug/L	U			7.8	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7440-38-2	Arsenic	5	ug/L	U			6300	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7440-39-3	Barium	139	ug/L				4000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7440-41-7	Beryllium	2	ug/L	U			270000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7440-69-9	Bismuth	102	ug/L					
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7440-43-9	Cadmium	0.938	ug/L	J			130000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7440-70-2	Calcium	55400	ug/L					
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7440-47-3	Chromium	10	ug/L	U			30000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7440-48-4	Cobalt	10	ug/L	U			6	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7440-50-8	Copper	26.9	ug/L				5400000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7440-69-9	Germanium	95.3	ug/L					
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7440-74-6	Indium	93.4	ug/L					
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7439-89-6	Iron	2840	ug/L				14000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7439-92-1	Lead	19.9	ug/L	J			15	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7439-93-2	Lithium	95.1	ug/L					
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7439-95-4	Magnesium	8300	ug/L					
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7439-96-5	Manganese	245	ug/L				3200000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7440-02-0	Nickel	41.2	ug/L				400	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7440-09-7	Potassium	2620	ug/L					
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7440-20-2	Scandium	96.1	ug/L					
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7782-49-2	Selenium	10	ug/L	U			100	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7440-22-4	Silver	1	ug/L	U			1100000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7440-23-5	Sodium	10800	ug/L	J				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	15492-51-0	Terbium	99	ug/L					
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7440-28-0	Thallium	1	ug/L	U			0.2	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7440-62-2	Vanadium	50	ug/L				86	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7440-65-5	Yttrium	96	ug/L					
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW6020B	7440-66-6	Zinc	736	ug/L				6000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW7470A	7439-97-6	Mercury	0.4	ug/L	U			11	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	53-19-0	2,4-DDD	0.0103	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	3424-82-6	2,4-DDE	0.0103	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	789-02-6	2,4-DDT	0.0103	ug/L	UJ				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	72-54-8	4,4'-DDD	0.0114	ug/L	UJ			3.2	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	72-55-9	4,4'-DDE	0.0228	ug/L	U			310	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	50-29-3	4,4'-DDT	0.0571	ug/L	U			0.23	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	309-00-2	Aldrin	0.0228	ug/L	U			3.5	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	319-84-6	alpha-BHC	0.0228	ug/L	U			18	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	5103-71-9	alpha-Chlordane	0.0285	ug/L	U			0.45	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	319-85-7	beta-BHC	0.0228	ug/L	U			0.025	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	319-86-8	delta-BHC	0.0228	ug/L	U			0.0072	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	60-57-1	Dieldrin	0.0228	ug/L	U			2.4	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	959-98-8	Endosulfan I	0.0228	ug/L	U			98	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	33213-65-9	Endosulfan II	0.0228	ug/L	U			98	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	1031-07-8	Endosulfan sulfate	0.0285	ug/L	U			98	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	72-20-8	Endrin	0.0228	ug/L	UJ			170	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	7421-93-4	Endrin aldehyde	0.0285	ug/L	U			170	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	53494-70-5	Endrin ketone	0.0228	ug/L	U			170	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	58-89-9	gamma-BHC (Lindane)	0.0228	ug/L	U			100	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	5103-74-2	gamma-Chlordane	0.0285	ug/L	U			0.45	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	76-44-8	Heptachlor	0.0228	ug/L	U			1.8	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	1024-57-3	Heptachlor epoxide	0.0228	ug/L	U			3.2	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	72-43-5	Methoxychlor	0.0571	ug/L	U			37	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	27304-13-8	Oxychlordane	0.0172	ug/L	J				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8081B	8001-35-2	Toxaphene	1.14	ug/L	U			18	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	630-20-6	1,1,1,2-Tetrachloroethane	0.2	ug/L	U			36	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	79-34-5	1,1,2,2-Tetrachloroethane	0.2	ug/L	U			30	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	79-00-5	1,1,2-Trichloroethane	0.2	ug/L	U			44	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	75-34-3	1,1-Dichloroethane	0.2	ug/L	U			55	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	96-18-4	1,2,3-Trichloropropane	0.2	ug/L	U			200	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	95-63-6	1,2,4-Trimethylbenzene	0.2	ug/L	U			2400	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	106-93-4	1,2-Dibromoethane (EDB)	0.2	ug/L	U			1.5	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	107-06-2	1,2-Dichloroethane	0.3	ug/L	U			18	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	78-87-5	1,2-Dichloropropane	0.3	ug/L	U			52	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	106-46-7	1,4-Dichlorobenzene	0.2	ug/L	U			25	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	594-20-7	2,2-Dichloropropane	0.2	ug/L	U			52	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	71-43-2	Benzene	0.2	ug/L	U			12	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	74-97-5	Bromochloromethane	0.2	ug/L	U			450	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	75-27-4	Bromodichloromethane	0.2	ug/L	U			6.9	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	56-23-5	Carbon tetrachloride	0.2	ug/L	U			3.1	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	67-66-3	Chloroform	0.3	ug/L	U			5.9	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	156-59-2	cis-1,2-Dichloroethene	0.3	ug/L	U			1800	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	10061-01-5	cis-1,3-Dichloropropene	0.2	ug/L	U			40	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	124-48-1	Dibromochloromethane	0.2	ug/L	U			610	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	74-95-3	Dibromomethane	0.2	ug/L	U			950	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	87-68-3	Hexachlorobutadiene	0.2	ug/L	U			3.3	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	98-82-8	Isopropylbenzene	0.2	ug/L	U			9100	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	103-65-1	n-Propylbenzene	0.2	ug/L	U			22000	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	10061-02-6	trans-1,3-Dichloropropene	0.2	ug/L	U			21	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	79-01-6	Trichloroethene	0.2	ug/L	U			7.4	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8260B/D	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D	1319-77-3	3 & 4-Methylphenol	0.522	ug/L	U			370	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D	91-94-1	3,3'-Dichlorobenzidine	10.4	ug/L	U			0.17	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D	100-02-7	4-Nitrophenol	5.22	ug/L	U			5800	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D	92-87-5	Benzidine	41.8	ug/L	U			17	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D	111-44-4	Bis (2-chloroethyl) ether	0.522	ug/L	U			140	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D	85-68-7	Butyl benzylphthalate	0.522	ug/L	U			16	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D	86-74-8	Carbazole	0.522	ug/L	U			7.9	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D	132-64-9	Dibenzofuran	0.313	ug/L	U			7.9	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D	84-74-2	Di-n-butylphthalate	6.26	ug/L	U			900	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D	117-84-0	Di-n-octylphthalate	5.22	ug/L	U			200	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D	118-74-1	Hexachlorobenzene	0.522	ug/L	U			1.3	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D	62-75-9	N-Nitrosodimethylamine	0.522	ug/L	U			25	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	1.04	ug/L	U			370	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D	108-95-2	Phenol	0.522	ug/L	U			5800	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D SIM	91-57-6	2-Methylnaphthalene	0.0421	ug/L	U			36	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D SIM	83-32-9	Acenaphthene	0.0421	ug/L	U			510	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D SIM	208-96-8	Acenaphthylene	0.0421	ug/L	U			20	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D SIM	120-12-7	Anthracene	0.0421	ug/L	U			1800	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D SIM	56-55-3	Benzo(a)anthracene	0.0842	ug/L	U			2300	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D SIM	50-32-8	Benzo(a)pyrene	0.0632	ug/L	U			0.025	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D SIM	205-99-2	Benzo(b)fluoranthene	0.0632	ug/L	U			0.25	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D SIM	191-24-2	Benzo(g,h,i)perylene	0.0842	ug/L	U			120	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D SIM	207-08-9	Benzo(k)fluoranthene	0.0842	ug/L	U			2.5	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D SIM	117-81-7	Bis (2-ethylhexyl) phthalate	1.05	ug/L	U			5.6	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D SIM	218-01-9	Chrysene	0.126	ug/L	U			25	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D SIM	53-70-3	Dibenzo(a,h)anthracene	0.126	ug/L	U			0.025	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D SIM	206-44-0	Fluoranthene	0.0842	ug/L	U			800	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D SIM	86-73-7	Fluorene	0.0421	ug/L	U			280	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0842	ug/L	U			0.25	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D SIM	91-20-3	Naphthalene	0.0842	ug/L	U			20	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D SIM	85-01-8	Phenanthrene	0.126	ug/L	U			1800	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	SW8270D SIM	129-00-0	Pyrene	0.0632	ug/L	U			110	
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.213328	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.8626	ug/L	U				
MW-04	723604.295	7834944.358	4/7/2022	8.21 - 28.21	WG	N	22D0402-01	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.4628	ug/L	U				
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8081 Pest	72-54-8	4,4'-DDD	0.094	ug/L	U			3.2	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8081 Pest	72-55-9	4,4'-DDE	0.094	ug/L	U			310	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8081 Pest	50-29-3	4,4'-DDT	0.094	ug/L	U			0.23	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8081 Pest	309-00-2	Aldrin	0.047	ug/L	U			3.5	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8081 Pest	319-84-6	alpha-BHC	0.047	ug/L	U			18	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8081 Pest	5103-71-9	alpha-Chlordane	0.047	ug/L	U			0.45	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8081 Pest	319-85-7	beta-BHC	0.047	ug/L	U			0.025	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8081 Pest	319-86-8	delta-BHC	0.047	ug/L	U			0.0072	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8081 Pest	60-57-1	Dieldrin	0.094	ug/L	U			2.4	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8081 Pest	959-98-8	Endosulfan I	0.047	ug/L	U			98	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8081 Pest	33213-65-9	Endosulfan II	0.094	ug/L	U			98	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.094	ug/L	U			98	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8081 Pest	72-20-8	Endrin	0.094	ug/L	U			170	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8081 Pest	7421-93-4	Endrin aldehyde	0.094	ug/L	U			170	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8081 Pest	53494-70-5	Endrin ketone	0.094	ug/L	U			170	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.047	ug/L	U			100	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8081 Pest	5103-74-2	gamma-Chlordane	0.047	ug/L	U			0.45	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8081 Pest	76-44-8	Heptachlor	0.047	ug/L	U			1.8	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.047	ug/L	U			3.2	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8081 Pest	72-43-5	Methoxychlor	0.47	ug/L	U			37	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8081 Pest	8001-35-2	Toxaphene	0.94	ug/L	U			18	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8151	93-76-5	2,4,5-T	0.1	ug/L	U			160	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8151	93-72-1	2,4,5-TP (Silvex)	0.1	ug/L	U			110	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8151	94-75-7	2,4-D	0.25	ug/L	U			77000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8151	94-82-6	2,4-DB	0.5	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8151	120-36-5	2,4-DP (Dichloroprop)	1.1	ug/L					
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8151	75-99-0	Dalapon	0.5	ug/L	U			600	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8151	1918-00-9	Dicamba	0.1	ug/L	U			570	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8151	88-85-7	Dinoseb	0.5	ug/L	U			15	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8151	94-74-6	MCPA	10	ug/L	U			1700	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8151	93-65-2	MCPP	50	ug/L	U			16	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	1	ug/L	U			36	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	71-55-6	1,1,1-Trichloroethane	1	ug/L	U			53000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	1	ug/L	U			30	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	79-00-5	1,1,2-Trichloroethane	1	ug/L	U			44	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	75-34-3	1,1-Dichloroethane	1	ug/L	U			55	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	75-35-4	1,1-Dichloroethene	1	ug/L	U			1300	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	563-58-6	1,1-Dichloropropene	1	ug/L	U			40	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	87-61-6	1,2,3-Trichlorobenzene	5	ug/L	U			7	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	96-18-4	1,2,3-Trichloropropane	1	ug/L	U			200	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	120-82-1	1,2,4-Trichlorobenzene	1	ug/L	U			380	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	95-63-6	1,2,4-Trimethylbenzene	5.2	ug/L				2400	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	3	ug/L	U			0.34	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	106-93-4	1,2-Dibromoethane (EDB)	1	ug/L	U			1.5	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	95-50-1	1,2-Dichlorobenzene	2	ug/L	U			25000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	107-06-2	1,2-Dichloroethane	1	ug/L	U			18	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	78-87-5	1,2-Dichloropropane	1	ug/L	U			52	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	108-67-8	1,3,5-Trimethylbenzene	1	ug/L	U			1700	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	541-73-1	1,3-Dichlorobenzene	2	ug/L	U			25	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	142-28-9	1,3-Dichloropropane	1	ug/L	U			370	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	106-46-7	1,4-Dichlorobenzene	2	ug/L	U			25	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	594-20-7	2,2-Dichloropropane	1	ug/L	U			52	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	110-75-8	2-Chloroethyl vinyl ether	10	ug/L	U				
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	95-49-8	2-Chlorotoluene	1	ug/L	U			240	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	591-78-6	2-Hexanone	10	ug/L	U			72000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	106-43-4	4-Chlorotoluene	1	ug/L	U			250	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	67-64-1	Acetone	10	ug/L	U			18000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	71-43-2	Benzene	1	ug/L	U			12	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	108-86-1	Bromobenzene	1	ug/L	U			6300	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	74-97-5	Bromochloromethane	1	ug/L	U			450	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	75-27-4	Bromodichloromethane	1	ug/L	U			6.9	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	75-25-2	Bromoform	3	ug/L	U			1100	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	75-15-0	Carbon disulfide	10	ug/L	U			8200	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	56-23-5	Carbon tetrachloride	1	ug/L	U			3.1	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	108-90-7	Chlorobenzene	1	ug/L	U			3400	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	75-00-3	Chloroethane	1	ug/L	U			57000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	67-66-3	Chloroform	1	ug/L	U			5.9	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	74-87-3	Chloromethane	5	ug/L	U			1500	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	156-59-2	cis-1,2-Dichloroethene	1	ug/L	U			1800	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	10061-01-5	cis-1,3-Dichloropropene	3	ug/L	U			40	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	124-48-1	Dibromochloromethane	2	ug/L	U			610	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	74-95-3	Dibromomethane	1	ug/L	U			950	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	75-71-8	Dichlorodifluoromethane	1	ug/L	U			41	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	100-41-4	Ethylbenzene	1	ug/L	U			31	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	87-68-3	Hexachlorobutadiene	3	ug/L	U			3.3	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	98-82-8	Isopropylbenzene	4.6	ug/L				9100	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	78-93-3	MEK (2-Butanone)	10	ug/L	U			17000000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	75-09-2	Methylene chloride	5	ug/L	U			15000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	10	ug/L	U			4600000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	91-20-3	Naphthalene	5	ug/L	U			20	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	104-51-8	n-Butylbenzene	1	ug/L	U			1000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	103-65-1	n-Propylbenzene	2	ug/L				22000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	95-47-6	o-Xylene	1	ug/L	U			4300	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	99-87-6	p-Cymene	2	ug/L	U			9100	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	135-98-8	sec-Butylbenzene	1	ug/L	U			2000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	100-42-5	Styrene	1	ug/L	U			84000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	98-06-6	tert-Butylbenzene	1	ug/L	U			690	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	127-18-4	Tetrachloroethene	1	ug/L	U			130	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	108-88-3	Toluene	1	ug/L	U			150000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	156-60-5	trans-1,2-Dichloroethene	1	ug/L	U			457	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	10061-02-6	trans-1,3-Dichloropropene	3	ug/L	U			21	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	79-01-6	Trichloroethene	1	ug/L	U			7.4	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	75-69-4	Trichlorofluoromethane	1	ug/L	U			160000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	108-05-4	Vinyl acetate	10	ug/L	U			80000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8260	75-01-4	Vinyl chloride	1	ug/L	U			3.3	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	95-95-4	2,4,5-Trichlorophenol	47	ug/L	U			1200	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	88-06-2	2,4,6-Trichlorophenol	9.4	ug/L	U			1700	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	120-83-2	2,4-Dichlorophenol	9.4	ug/L	U			46	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	105-67-9	2,4-Dimethylphenol	9.4	ug/L	U			360	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	51-28-5	2,4-Dinitrophenol	47	ug/L	U			39	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	121-14-2	2,4-Dinitrotoluene	9.4	ug/L	U			0.24	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	606-20-2	2,6-Dinitrotoluene	9.4	ug/L	U			830	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	91-58-7	2-Chloronaphthalene	9.4	ug/L	U			750	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	95-57-8	2-Chlorophenol	9.4	ug/L	U			91	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	91-57-6	2-Methylnaphthalene	9.4	ug/L	U			36	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	95-48-7	2-Methylphenol	76	ug/L				930	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	88-74-4	2-Nitroaniline	47	ug/L	U			190	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	88-75-5	2-Nitrophenol	9.4	ug/L	U			5800	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	91-94-1	3,3'-Dichlorobenzidine	19	ug/L	U			0.17	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	99-09-2	3-Nitroaniline	47	ug/L	U			190	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	47	ug/L	U			1.5	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	101-55-3	4-Bromophenyl phenyl ether	9.4	ug/L	U				
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	59-50-7	4-Chloro-3-methylphenol	9.4	ug/L	U			1400	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	106-47-8	4-Chloroaniline	9.4	ug/L	U			0.37	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	9.4	ug/L	U				
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	106-44-5	4-Methylphenol	9.4	ug/L	U			370	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	100-01-6	4-Nitroaniline	47	ug/L	U			3.8	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	100-02-7	4-Nitrophenol	47	ug/L	U			5800	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	83-32-9	Acenaphthene	9.4	ug/L	U			510	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	208-96-8	Acenaphthylene	9.4	ug/L	U			20	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	62-53-3	Aniline	9.4	ug/L	U			13	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	120-12-7	Anthracene	9.4	ug/L	U			1800	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	92-87-5	Benzidine	94	ug/L	U			17	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	56-55-3	Benzo(a)anthracene	9.4	ug/L	U			2300	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	50-32-8	Benzo(a)pyrene	9.4	ug/L	U			0.025	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	205-99-2	Benzo(b)fluoranthene	9.4	ug/L	U			0.25	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	191-24-2	Benzo(g,h,i)perylene	9.4	ug/L	U			120	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	207-08-9	Benzo(k)fluoranthene	9.4	ug/L	U			2.5	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	65-85-0	Benzoic acid	11	ug/L	J			75000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	100-51-6	Benzyl alcohol	9.4	ug/L	U			2000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	111-91-1	Bis (2-chloroethoxy) methane	9.4	ug/L	U			59	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	111-44-4	Bis (2-chloroethyl) ether	9.4	ug/L	U			140	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	9.4	ug/L	U			5.6	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	9.4	ug/L	U			710	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	85-68-7	Butyl benzylphthalate	9.4	ug/L	U			16	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	86-74-8	Carbazole	9.4	ug/L	U			7.9	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	218-01-9	Chrysene	9.4	ug/L	U			25	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	53-70-3	Dibenzo(a,h)anthracene	9.4	ug/L	U			0.025	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	132-64-9	Dibenzofuran	9.4	ug/L	U			7.9	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	84-66-2	Diethyl phthalate	9.4	ug/L	U			15000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	131-11-3	Dimethyl phthalate	9.4	ug/L	U			15000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	84-74-2	Di-n-butylphthalate	9.4	ug/L	U			900	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	117-84-0	Di-n-octylphthalate	9.4	ug/L	U			200	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	206-44-0	Fluoranthene	9.4	ug/L	U			800	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	86-73-7	Fluorene	9.4	ug/L	U			280	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	118-74-1	Hexachlorobenzene	9.4	ug/L	U			1.3	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	77-47-4	Hexachlorocyclopentadiene	9.4	ug/L	U			48	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	67-72-1	Hexachloroethane	9.4	ug/L	U			7	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	9.4	ug/L	U			0.25	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	78-59-1	Isophorone	9.4	ug/L	U			78	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	98-95-3	Nitrobenzene	9.4	ug/L	U			800	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	62-75-9	N-Nitrosodimethylamine	9.4	ug/L	U			25	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	621-64-7	N-Nitrosodi-n-propylamine	9.4	ug/L	U			370	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	86-30-6	N-Nitrosodiphenylamine	9.4	ug/L	U			12	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	87-86-5	Pentachlorophenol	9.4	ug/L	U			53	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	85-01-8	Phenanthrene	9.4	ug/L	U			1800	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	108-95-2	Phenol	9.4	ug/L	U			5800	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	8270	129-00-0	Pyrene	9.4	ug/L	U			110	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	METALS	7440-36-0	Antimony	50	ug/L	U			7.8	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	METALS	7440-38-2	Arsenic	5	ug/L	U			6300	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	METALS	7440-39-3	Barium	164	ug/L				4000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	METALS	7440-41-7	Beryllium	5	ug/L	U			270000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	METALS	7440-43-9	Cadmium	5	ug/L	U			130000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	METALS	7440-47-3	Chromium	10	ug/L	U			30000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	METALS	7440-50-8	Copper	10	ug/L	U			5400000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	METALS	7439-89-6	Iron	32800	ug/L				14000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	METALS	7439-92-1	Lead	3	ug/L	U			15	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	METALS	7439-96-5	Manganese	4110	ug/L				3200000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	METALS	7439-97-6	Mercury	0.2	ug/L	U			11	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	METALS	7440-02-0	Nickel	10	ug/L	U			400	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	METALS	7782-49-2	Selenium	5	ug/L	U			100	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	METALS	7440-22-4	Silver	10	ug/L	U			1100000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	METALS	7440-28-0	Thallium	5	ug/L	U			0.2	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	METALS	7440-66-6	Zinc	18.7	ug/L				6000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	NWTPH-Dx	TPH-D	Diesel Range Organics	1800	ug/L				100	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	NWTPH-Dx	MOIL	Residual Range Organics	1900	ug/L				300	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	300	ug/L				14000	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	PCBS	12674-11-2	Aroclor-1016	0.94	ug/L	U			75	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	PCBS	11104-28-2	Aroclor-1221	0.94	ug/L	U			2.3	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	PCBS	11141-16-5	Aroclor-1232	0.94	ug/L	U			0.71	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	PCBS	53469-21-9	Aroclor-1242	0.94	ug/L	U			5.8	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	PCBS	12672-29-6	Aroclor-1248	0.94	ug/L	U			1.2	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	PCBS	11097-69-1	Aroclor-1254	0.94	ug/L	U			7.2	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	PCBS	11096-82-5	Aroclor-1260	0.94	ug/L	U			1.6	
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	94	ug/L	U				
MW-05	723621.002	7834877.658	11/8/1999	10.36 - 35.36	WG	N	991108BIL13GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	56.4	ug/L	U				
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8081 Pest	72-54-8	4,4'-DDD	0.1	ug/L	UJ			3.2	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8081 Pest	72-55-9	4,4'-DDE	0.1	ug/L	UJ			310	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8081 Pest	50-29-3	4,4'-DDT	0.1	ug/L	UJ			0.23	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8081 Pest	309-00-2	Aldrin	0.05	ug/L	UJ			3.5	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8081 Pest	319-84-6	alpha-BHC	0.05	ug/L	UJ			18	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8081 Pest	5103-71-9	alpha-Chlordane	0.05	ug/L	UJ			0.45	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8081 Pest	319-85-7	beta-BHC	0.05	ug/L	UJ			0.025	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8081 Pest	319-86-8	delta-BHC	0.05	ug/L	UJ			0.0072	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8081 Pest	60-57-1	Dieldrin	0.1	ug/L	UJ			2.4	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8081 Pest	959-98-8	Endosulfan I	0.05	ug/L	UJ			98	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8081 Pest	33213-65-9	Endosulfan II	0.1	ug/L	UJ			98	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.1	ug/L	UJ			98	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8081 Pest	72-20-8	Endrin	0.1	ug/L	UJ			170	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8081 Pest	7421-93-4	Endrin aldehyde	0.1	ug/L	UJ			170	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8081 Pest	53494-70-5	Endrin ketone	0.1	ug/L	UJ			170	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.05	ug/L	UJ			100	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8081 Pest	5103-74-2	gamma-Chlordane	0.05	ug/L	UJ			0.45	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8081 Pest	76-44-8	Heptachlor	0.05	ug/L	UJ			1.8	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.05	ug/L	UJ			3.2	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8081 Pest	72-43-5	Methoxychlor	0.5	ug/L	UJ			37	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8081 Pest	8001-35-2	Toxaphene	1	ug/L	UJ			18	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8151	93-76-5	2,4,5-T	0.15	ug/L	U			160	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8151	93-72-1	2,4,5-TP (Silvex)	0.1	ug/L	U			110	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8151	94-75-7	2,4-D	1	ug/L	U			77000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8151	94-82-6	2,4-DB	0.5	ug/L	U				
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8151	120-36-5	2,4-DP (Dichloroprop)	0.25	ug/L	U				
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8151	75-99-0	Dalapon	2	ug/L	U			600	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8151	1918-00-9	Dicamba	0.1	ug/L	U			570	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8151	88-85-7	Dinoseb	0.5	ug/L	U			15	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8151	94-74-6	MCPA	50	ug/L	U			1700	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8151	93-65-2	MCPP	50	ug/L	U			16	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	1	ug/L	U			36	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	71-55-6	1,1,1-Trichloroethane	1	ug/L	U			53000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	1	ug/L	U			30	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	79-00-5	1,1,2-Trichloroethane	1	ug/L	U			44	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	75-34-3	1,1-Dichloroethane	1	ug/L	U			55	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	75-35-4	1,1-Dichloroethene	1	ug/L	U			1300	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	563-58-6	1,1-Dichloropropene	1	ug/L	U			40	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	87-61-6	1,2,3-Trichlorobenzene	5	ug/L	U			7	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	96-18-4	1,2,3-Trichloropropane	1	ug/L	U			200	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	120-82-1	1,2,4-Trichlorobenzene	5	ug/L	U			380	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	95-63-6	1,2,4-Trimethylbenzene	1	ug/L				2400	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	3	ug/L	U			0.34	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	106-93-4	1,2-Dibromoethane (EDB)	1	ug/L	U			1.5	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	95-50-1	1,2-Dichlorobenzene	2	ug/L	U			25000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	107-06-2	1,2-Dichloroethane	1	ug/L	U			18	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	78-87-5	1,2-Dichloropropane	1	ug/L	U			52	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	108-67-8	1,3,5-Trimethylbenzene	1	ug/L	U			1700	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	541-73-1	1,3-Dichlorobenzene	2	ug/L	U			25	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	142-28-9	1,3-Dichloropropane	1	ug/L	U			370	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	106-46-7	1,4-Dichlorobenzene	2	ug/L	U			25	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	594-20-7	2,2-Dichloropropane	1	ug/L	U			52	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	110-75-8	2-Chloroethyl vinyl ether	10	ug/L	U				
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	95-49-8	2-Chlorotoluene	1	ug/L	U			240	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	591-78-6	2-Hexanone	10	ug/L	U			72000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	106-43-4	4-Chlorotoluene	1	ug/L	U			250	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	67-64-1	Acetone	10	ug/L	U			18000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	71-43-2	Benzene	1	ug/L	U			12	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	108-86-1	Bromobenzene	1	ug/L	U			6300	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	74-97-5	Bromochloromethane	1	ug/L	U			450	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	75-27-4	Bromodichloromethane	1	ug/L	U			6.9	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	75-25-2	Bromoform	3	ug/L	U			1100	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	75-15-0	Carbon disulfide	10	ug/L	U			8200	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	56-23-5	Carbon tetrachloride	1	ug/L	U			3.1	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	108-90-7	Chlorobenzene	1	ug/L	U			3400	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	75-00-3	Chloroethane	1	ug/L	U			57000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	67-66-3	Chloroform	1	ug/L	U			5.9	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	74-87-3	Chloromethane	5	ug/L	U			1500	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	156-59-2	cis-1,2-Dichloroethene	1	ug/L	U			1800	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	10061-01-5	cis-1,3-Dichloropropene	3	ug/L	U			40	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	124-48-1	Dibromochloromethane	2	ug/L	U			610	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	74-95-3	Dibromomethane	1	ug/L	U			950	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	75-71-8	Dichlorodifluoromethane	1	ug/L	U			41	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	100-41-4	Ethylbenzene	1	ug/L				31	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	87-68-3	Hexachlorobutadiene	3	ug/L	U			3.3	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	98-82-8	Isopropylbenzene	3.2	ug/L				9100	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	78-93-3	MEK (2-Butanone)	10	ug/L	U			17000000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	75-09-2	Methylene chloride	5	ug/L	U			15000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	10	ug/L	U			4600000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	91-20-3	Naphthalene	5	ug/L	U			20	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	104-51-8	n-Butylbenzene	1	ug/L	U			1000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	103-65-1	n-Propylbenzene	1.2	ug/L				22000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	95-47-6	o-Xylene	1	ug/L	U			4300	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	99-87-6	p-Cymene	2	ug/L	U			9100	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	135-98-8	sec-Butylbenzene	1	ug/L	U			2000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	100-42-5	Styrene	1	ug/L	U			84000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	98-06-6	tert-Butylbenzene	1	ug/L	U			690	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	127-18-4	Tetrachloroethene	1	ug/L	U			130	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	108-88-3	Toluene	1	ug/L	U			150000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	156-60-5	trans-1,2-Dichloroethene	1	ug/L	U			457	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	10061-02-6	trans-1,3-Dichloropropene	3	ug/L	U			21	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	79-01-6	Trichloroethene	1	ug/L	U			7.4	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	75-69-4	Trichlorofluoromethane	1	ug/L	U			160000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	108-05-4	Vinyl acetate	10	ug/L	U			80000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8260	75-01-4	Vinyl chloride	1	ug/L	U			3.3	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	95-95-4	2,4,5-Trichlorophenol	25	ug/L	U			1200	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	88-06-2	2,4,6-Trichlorophenol	10	ug/L	U			1700	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	120-83-2	2,4-Dichlorophenol	10	ug/L	U			46	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	105-67-9	2,4-Dimethylphenol	10	ug/L	U			360	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	51-28-5	2,4-Dinitrophenol	25	ug/L	U			39	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	121-14-2	2,4-Dinitrotoluene	10	ug/L	U			0.24	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	606-20-2	2,6-Dinitrotoluene	10	ug/L	U			830	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	91-58-7	2-Chloronaphthalene	10	ug/L	U			750	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	95-57-8	2-Chlorophenol	10	ug/L	U			91	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	91-57-6	2-Methylnaphthalene	10	ug/L	U			36	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	95-48-7	2-Methylphenol	10	ug/L	U			930	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	88-74-4	2-Nitroaniline	25	ug/L	U			190	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	88-75-5	2-Nitrophenol	10	ug/L	U			5800	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	91-94-1	3,3'-Dichlorobenzidine	10	ug/L	U			0.17	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	99-09-2	3-Nitroaniline	25	ug/L	U			190	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	25	ug/L	U			1.5	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	101-55-3	4-Bromophenyl phenyl ether	10	ug/L	U				
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	59-50-7	4-Chloro-3-methylphenol	10	ug/L	U			1400	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	106-47-8	4-Chloroaniline	10	ug/L	U			0.37	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	10	ug/L	U				
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	106-44-5	4-Methylphenol	29	ug/L				370	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	100-01-6	4-Nitroaniline	25	ug/L	U			3.8	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	100-02-7	4-Nitrophenol	10	ug/L	U			5800	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	83-32-9	Acenaphthene	10	ug/L	U			510	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	208-96-8	Acenaphthylene	10	ug/L	U			20	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	62-53-3	Aniline	10	ug/L	U			13	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	120-12-7	Anthracene	10	ug/L	U			1800	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	92-87-5	Benzidine	100	ug/L	U			17	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	56-55-3	Benzo(a)anthracene	10	ug/L	U			2300	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	50-32-8	Benzo(a)pyrene	10	ug/L	U			0.025	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	205-99-2	Benzo(b)fluoranthene	10	ug/L	U			0.25	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	191-24-2	Benzo(g,h,i)perylene	10	ug/L	U			120	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	207-08-9	Benzo(k)fluoranthene	10	ug/L	U			2.5	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	65-85-0	Benzoic acid	10	ug/L	U			75000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	100-51-6	Benzyl alcohol	10	ug/L	U			2000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	111-91-1	Bis (2-chloroethoxy) methane	10	ug/L	U			59	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	111-44-4	Bis (2-chloroethyl) ether	10	ug/L	U			140	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	10	ug/L	U			5.6	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	10	ug/L	U			710	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	85-68-7	Butyl benzylphthalate	10	ug/L	U			16	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	86-74-8	Carbazole	10	ug/L	U			7.9	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	218-01-9	Chrysene	10	ug/L	U			25	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	53-70-3	Dibenzo(a,h)anthracene	10	ug/L	U			0.025	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	132-64-9	Dibenzofuran	10	ug/L	U			7.9	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	84-66-2	Diethyl phthalate	10	ug/L	U			15000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	131-11-3	Dimethyl phthalate	10	ug/L	U			15000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	84-74-2	Di-n-butylphthalate	10	ug/L	U			900	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	117-84-0	Di-n-octylphthalate	10	ug/L	U			200	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	206-44-0	Fluoranthene	10	ug/L	U			800	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	86-73-7	Fluorene	10	ug/L	U			280	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	118-74-1	Hexachlorobenzene	10	ug/L	U			1.3	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	77-47-4	Hexachlorocyclopentadiene	10	ug/L	U			48	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	67-72-1	Hexachloroethane	10	ug/L	U			7	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	10	ug/L	U			0.25	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	78-59-1	Isophorone	10	ug/L	U			78	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	98-95-3	Nitrobenzene	10	ug/L	U			800	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	62-75-9	N-Nitrosodimethylamine	10	ug/L	U			25	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	621-64-7	N-Nitrosodi-n-propylamine	10	ug/L	U			370	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	86-30-6	N-Nitrosodiphenylamine	10	ug/L	U			12	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	87-86-5	Pentachlorophenol	25	ug/L	U			53	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	85-01-8	Phenanthrene	10	ug/L	U			1800	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	108-95-2	Phenol	10	ug/L	U			5800	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	8270	129-00-0	Pyrene	10	ug/L	U			110	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	METALS	7440-36-0	Antimony	50	ug/L	U			7.8	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	METALS	7440-38-2	Arsenic	5	ug/L	U			6300	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	METALS	7440-39-3	Barium	126	ug/L				4000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	METALS	7440-41-7	Beryllium	5	ug/L	U			270000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	METALS	7440-43-9	Cadmium	5	ug/L	U			130000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	METALS	7440-47-3	Chromium	10	ug/L	U			30000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	METALS	7440-50-8	Copper	10	ug/L	U			5400000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	METALS	7439-89-6	Iron	25400	ug/L				14000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	METALS	7439-92-1	Lead	3	ug/L	U			15	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	METALS	7439-96-5	Manganese	3300	ug/L				3200000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	METALS	7439-97-6	Mercury	0.2	ug/L	U			11	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	METALS	7440-02-0	Nickel	10	ug/L	U			400	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	METALS	7782-49-2	Selenium	5	ug/L	U			100	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	METALS	7440-22-4	Silver	10	ug/L	U			1100000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	METALS	7440-28-0	Thallium	5	ug/L	U			0.2	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	METALS	7440-66-6	Zinc	15.8	ug/L				6000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	NWTPH-Dx	TPH-D	Diesel Range Organics	1100	ug/L				100	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	NWTPH-Dx	MOIL	Residual Range Organics	750	ug/L	U			300	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	430	ug/L				14000	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	PCBS	12674-11-2	Aroclor-1016	1	ug/L	UJ			75	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	PCBS	11104-28-2	Aroclor-1221	1	ug/L	UJ			2.3	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	PCBS	11141-16-5	Aroclor-1232	1	ug/L	UJ			0.71	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	PCBS	53469-21-9	Aroclor-1242	1	ug/L	UJ			5.8	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	PCBS	12672-29-6	Aroclor-1248	1	ug/L	UJ			1.2	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	PCBS	11097-69-1	Aroclor-1254	1	ug/L	UJ			7.2	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	PCBS	11096-82-5	Aroclor-1260	1	ug/L	UJ			1.6	
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	100	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-05	723621.002	7834877.658	1/10/2000	10.36 - 35.36	WG	N	000110BIL19GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	60	ug/L	U				
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8081 Pest	72-54-8	4,4'-DDD	0.00227	ug/L	UJ			3.2	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8081 Pest	72-55-9	4,4'-DDE	0.00227	ug/L	UJ			310	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8081 Pest	50-29-3	4,4'-DDT	0.00227	ug/L	UJ			0.23	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8081 Pest	309-00-2	Aldrin	0.00114	ug/L	UJ			3.5	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8081 Pest	319-84-6	alpha-BHC	0.00114	ug/L	UJ			18	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8081 Pest	319-85-7	beta-BHC	0.00114	ug/L	UJ			0.025	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8081 Pest	319-86-8	delta-BHC	0.00114	ug/L	UJ			0.0072	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8081 Pest	60-57-1	Dieldrin	0.00227	ug/L	UJ			2.4	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8081 Pest	959-98-8	Endosulfan I	0.00114	ug/L	UJ			98	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8081 Pest	33213-65-9	Endosulfan II	0.00227	ug/L	UJ			98	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.00227	ug/L	UJ			98	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8081 Pest	72-20-8	Endrin	0.00227	ug/L	UJ			170	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8081 Pest	7421-93-4	Endrin aldehyde	0.00227	ug/L	UJ			170	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8081 Pest	53494-70-5	Endrin ketone	0.00227	ug/L	UJ			170	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.00114	ug/L	UJ			100	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8081 Pest	76-44-8	Heptachlor	0.00114	ug/L	UJ			1.8	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.00114	ug/L	UJ			3.2	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8081 Pest	72-43-5	Methoxychlor	0.0114	ug/L	UJ			37	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8081 Pest	12789-03-6	technical-Chlordane	0.0114	ug/L	UJ			670	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8081 Pest	8001-35-2	Toxaphene	0.114	ug/L	UJ			18	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8082	12674-11-2	Aroclor-1016	0.00218	ug/L	U			75	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8082	11104-28-2	Aroclor-1221	0.00542	ug/L	U			2.3	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8082	11141-16-5	Aroclor-1232	0.00258	ug/L	U			0.71	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8082	53469-21-9	Aroclor-1242	0.00358	ug/L	U			5.8	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8082	12672-29-6	Aroclor-1248	0.00169	ug/L	U			1.2	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8082	11097-69-1	Aroclor-1254	0.00218	ug/L	U			7.2	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8082	11096-82-5	Aroclor-1260	0.00119	ug/L	U			1.6	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8151	93-76-5	2,4,5-T	0.0566	ug/L	U			160	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8151	93-72-1	2,4,5-TP (Silvex)	0.0227	ug/L	U			110	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8151	94-75-7	2,4-D	0.0296	ug/L	U			77000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8151	94-82-6	2,4-DB	0.0577	ug/L	U				
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8151	120-36-5	2,4-DP (Dichloroprop)	0.0114	ug/L	U				
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8151	100-02-7	4-Nitrophenol	0.0114	ug/L	U			5800	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8151	75-99-0	Dalapon	0.0124	ug/L	U			600	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8151	1918-00-9	Dicamba	0.0221	ug/L	U			570	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8151	88-85-7	Dinoseb	0.0292	ug/L	U			15	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8151	94-74-6	MCPA	0.0114	ug/L	U			1700	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8151	93-65-2	MCPP	0.0134	ug/L	U			16	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.5	ug/L	U			36	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	71-55-6	1,1,1-Trichloroethane	0.5	ug/L	U			53000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.5	ug/L	U			30	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	79-00-5	1,1,2-Trichloroethane	0.5	ug/L	U			44	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	75-34-3	1,1-Dichloroethane	0.5	ug/L	U			55	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	75-35-4	1,1-Dichloroethene	0.5	ug/L	U			1300	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	563-58-6	1,1-Dichloropropene	0.5	ug/L	U			40	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	87-61-6	1,2,3-Trichlorobenzene	0.5	ug/L	U			7	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	96-18-4	1,2,3-Trichloropropane	0.5	ug/L	U			200	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	95-63-6	1,2,4-Trimethylbenzene	0.5	ug/L	U			2400	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	106-93-4	1,2-Dibromoethane (EDB)	0.5	ug/L	U			1.5	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	107-06-2	1,2-Dichloroethane	0.5	ug/L	U			18	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	78-87-5	1,2-Dichloropropane	0.5	ug/L	U			52	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	108-67-8	1,3,5-Trimethylbenzene	0.5	ug/L	U			1700	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	142-28-9	1,3-Dichloropropane	0.5	ug/L	U			370	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	594-20-7	2,2-Dichloropropane	0.5	ug/L	U			52	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	95-49-8	2-Chlorotoluene	0.5	ug/L	U			240	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	591-78-6	2-Hexanone	2.5	ug/L	U			72000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	106-43-4	4-Chlorotoluene	0.5	ug/L	U			250	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	67-64-1	Acetone	14.7	ug/L				18000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	71-43-2	Benzene	0.5	ug/L	U			12	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	108-86-1	Bromobenzene	0.5	ug/L	U			6300	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	74-97-5	Bromochloromethane	0.5	ug/L	U			450	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	75-27-4	Bromodichloromethane	0.5	ug/L	U			6.9	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	75-25-2	Bromoform	0.5	ug/L	U			1100	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	56-23-5	Carbon tetrachloride	0.5	ug/L	U			3.1	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	108-90-7	Chlorobenzene	0.5	ug/L	U			3400	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	75-00-3	Chloroethane	0.5	ug/L	U			57000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	67-66-3	Chloroform	0.5	ug/L	U			5.9	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	74-87-3	Chloromethane	0.5	ug/L	U			1500	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	156-59-2	cis-1,2-Dichloroethene	0.5	ug/L	U			1800	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	10061-01-5	cis-1,3-Dichloropropene	0.5	ug/L	U			40	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	124-48-1	Dibromochloromethane	0.5	ug/L	U			610	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	74-95-3	Dibromomethane	0.5	ug/L	U			950	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	75-71-8	Dichlorodifluoromethane	0.5	ug/L	U			41	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	100-41-4	Ethylbenzene	0.5	ug/L	U			31	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	98-82-8	Isopropylbenzene	0.5	ug/L	U			9100	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	75-09-2	Methylene chloride	0.5	ug/L	U			15000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	2.5	ug/L	U			4600000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	104-51-8	n-Butylbenzene	0.5	ug/L	U			1000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	103-65-1	n-Propylbenzene	0.5	ug/L	U			22000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	95-47-6	o-Xylene	0.5	ug/L	U			4300	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	99-87-6	p-Cymene	0.5	ug/L	U			9100	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	135-98-8	sec-Butylbenzene	0.5	ug/L	U			2000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	100-42-5	Styrene	0.5	ug/L	U			84000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	98-06-6	tert-Butylbenzene	0.5	ug/L	U			690	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	108-88-3	Toluene	0.5	ug/L	U			150000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	156-60-5	trans-1,2-Dichloroethene	0.5	ug/L	U			457	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	10061-02-6	trans-1,3-Dichloropropene	0.5	ug/L	U			21	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	79-01-6	Trichloroethene	0.5	ug/L	U			7.4	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	75-69-4	Trichlorofluoromethane	0.5	ug/L	U			160000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	108-05-4	Vinyl acetate	2.5	ug/L	U			80000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8260	75-01-4	Vinyl chloride	0.531	ug/L	J			3.3	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	120-82-1	1,2,4-Trichlorobenzene	0.0179	ug/L	U			380	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	95-50-1	1,2-Dichlorobenzene	0.0179	ug/L	U			25000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	541-73-1	1,3-Dichlorobenzene	0.0191	ug/L	U			25	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	106-46-7	1,4-Dichlorobenzene	0.0258	ug/L	J			25	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	95-95-4	2,4,5-Trichlorophenol	0.0123	ug/L	U			1200	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	88-06-2	2,4,6-Trichlorophenol	0.0135	ug/L	U			1700	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	120-83-2	2,4-Dichlorophenol	0.0168	ug/L	U			46	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	105-67-9	2,4-Dimethylphenol	0.0168	ug/L	U			360	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	51-28-5	2,4-Dinitrophenol	0.0336	ug/L	U			39	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	121-14-2	2,4-Dinitrotoluene	0.0146	ug/L	U			0.24	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	606-20-2	2,6-Dinitrotoluene	0.0224	ug/L	U			830	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	91-58-7	2-Chloronaphthalene	0.00168	ug/L	U			750	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	95-57-8	2-Chlorophenol	0.0191	ug/L	U			91	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	91-57-6	2-Methylnaphthalene	0.0168	ug/L	U			36	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	95-48-7	2-Methylphenol	0.0269	ug/L	U			930	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	88-74-4	2-Nitroaniline	0.0202	ug/L	U			190	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	88-75-5	2-Nitrophenol	0.0247	ug/L	U			5800	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	91-94-1	3,3'-Dichlorobenzidine	0.0404	ug/L	U			0.17	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	99-09-2	3-Nitroaniline	0.037	ug/L	U			190	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.0247	ug/L	U			1.5	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	101-55-3	4-Bromophenyl phenyl ether	0.0135	ug/L	U				
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	59-50-7	4-Chloro-3-methylphenol	0.0605	ug/L	U			1400	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	106-47-8	4-Chloroaniline	0.0437	ug/L	U			0.37	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.0168	ug/L	U				
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	106-44-5	4-Methylphenol	0.0258	ug/L	U			370	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	100-01-6	4-Nitroaniline	0.0235	ug/L	U			3.8	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	83-32-9	Acenaphthene	0.111	ug/L				510	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	208-96-8	Acenaphthylene	0.00168	ug/L	U			20	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	62-53-3	Aniline	0.0561	ug/L	U			13	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	120-12-7	Anthracene	0.00168	ug/L	U			1800	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	92-87-5	Benzidine	0.0269	ug/L	U			17	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	56-55-3	Benzo(a)anthracene	0.00493	ug/L	U			2300	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	50-32-8	Benzo(a)pyrene	0.00527	ug/L	U			0.025	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	191-24-2	Benzo(g,h,i)perylene	0.00381	ug/L	U			120	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	56832-73-6	Benzofluoranthenes, Total	0.00426	ug/L	U				
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	65-85-0	Benzoic acid	0.0224	ug/L	U			75000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	100-51-6	Benzyl alcohol	0.0359	ug/L	U			2000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	111-91-1	Bis (2-chloroethoxy) methane	0.0202	ug/L	U			59	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	111-44-4	Bis (2-chloroethyl) ether	0.0213	ug/L	U			140	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	0.0729	ug/L	U			5.6	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.0235	ug/L	U			710	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	85-68-7	Butyl benzylphthalate	0.21	ug/L	U			16	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	86-74-8	Carbazole	0.00314	ug/L	U			7.9	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	218-01-9	Chrysene	0.0028	ug/L	U			25	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	53-70-3	Dibenzo(a,h)anthracene	0.00303	ug/L	U			0.025	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	132-64-9	Dibenzofuran	0.0157	ug/L	U			7.9	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	84-66-2	Diethyl phthalate	0.065	ug/L	U			15000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	131-11-3	Dimethyl phthalate	0.0179	ug/L	U			15000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	84-74-2	Di-n-butylphthalate	0.259	ug/L	U			900	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	117-84-0	Di-n-octylphthalate	0.0381	ug/L	U			200	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	206-44-0	Fluoranthene	0.00213	ug/L	U			800	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	86-73-7	Fluorene	0.00157	ug/L	U			280	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	118-74-1	Hexachlorobenzene	0.0224	ug/L	U			1.3	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	87-68-3	Hexachlorobutadiene	0.0325	ug/L	U			3.3	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	77-47-4	Hexachlorocyclopentadiene	0.0291	ug/L	U			48	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	67-72-1	Hexachloroethane	0.0448	ug/L	U			7	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	0.00336	ug/L	U			0.25	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	78-59-1	Isophorone	0.0202	ug/L	U			78	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	91-20-3	Naphthalene	0.101	ug/L				20	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	98-95-3	Nitrobenzene	0.0504	ug/L	U			800	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	62-75-9	N-Nitrosodimethylamine	0.037	ug/L	U			25	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	621-64-7	N-Nitrosodi-n-propylamine	0.0235	ug/L	U			370	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	86-30-6	N-Nitrosodiphenylamine	0.0112	ug/L	U			12	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	87-86-5	Pentachlorophenol	0.0191	ug/L	U			53	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	85-01-8	Phenanthrene	0.00247	ug/L	U			1800	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	108-95-2	Phenol	0.0359	ug/L	U			5800	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	8270	129-00-0	Pyrene	0.00157	ug/L	U			110	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	Krone	1002-53-5	Dibutyltin	0.00501	ug/L				6	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	Krone	78763-54-9	Monobutyltin	0.00449	ug/L				3.7	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	Krone	1461-25-2	Tetrabutyltin	0.00119	ug/L	U			3.7	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	Krone	688-73-3	Tributyltin	0.0171	ug/L				3.7	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	METALS	7440-36-0	Antimony	0.798	ug/L	J			7.8	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	METALS	7440-38-2	Arsenic	3.6	ug/L				6300	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	METALS	7440-39-3	Barium	50.8	ug/L				4000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	METALS	7440-41-7	Beryllium	0.0142	ug/L	U			270000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	METALS	7440-43-9	Cadmium	0.11	ug/L	J			130000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	METALS	7440-47-3	Chromium	1	ug/L	U			30000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	METALS	7440-50-8	Copper	2.33	ug/L				5400000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	METALS	7439-89-6	Iron	20600	ug/L				14000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	METALS	7439-92-1	Lead	0.5	ug/L	U			15	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	METALS	7439-96-5	Manganese	2110	ug/L				3200000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	METALS	7439-97-6	Mercury	0.131	ug/L	U			11	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	METALS	7440-02-0	Nickel	4.81	ug/L				400	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	METALS	7782-49-2	Selenium	0.385	ug/L	U			100	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	METALS	7440-22-4	Silver	0.1	ug/L	U			1100000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	METALS	7440-28-0	Thallium	0.115	ug/L	J			0.2	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	METALS	7440-66-6	Zinc	61.6	ug/L				6000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	NWTPH-Dx	TPH-D	Diesel Range Organics	1100	ug/L				100	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	NWTPH-Dx	MOIL	Residual Range Organics	1270	ug/L				300	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	63.1	ug/L	J			14000	
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.0269	ug/L	U				
MW-05	723621.002	7834877.658	5/3/2002	10.36 - 35.36	WG	N	020503BIL09GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.23676	ug/L					
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	300.0	24959-67-9	Bromide	20	ug/L	J				
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	6010B	7440-70-2	Calcium, Dissolved	66300	ug/L					
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	6010B	7439-89-6	Iron	19300	ug/L				14000	
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	6010B	7439-89-6	Iron, Dissolved	18800	ug/L				14000	
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	6010B	7439-95-4	Magnesium, Dissolved	21800	ug/L					
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	6010B	7440-09-7	Potassium, Dissolved	7310	ug/L					
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	6010B	7440-23-5	Sodium, Dissolved	15400	ug/L					
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	6020	7440-38-2	Arsenic	2.65	ug/L				6300	
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	6020	7440-38-2	Arsenic, Dissolved	2.52	ug/L				6300	
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	6020	7439-92-1	Lead	0.442	ug/L				15	
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	6020	7439-92-1	Lead, Dissolved	0.014	ug/L	J			15	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	6020	7439-96-5	Manganese	2210	ug/L				3200000	
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	6020	7439-96-5	Manganese, Dissolved	2200	ug/L				3200000	
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	8260B	75-01-4	Vinyl chloride	0.18	ug/L	J			3.3	
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	8270C	106-46-7	1,4-Dichlorobenzene	0.029	ug/L	U			25	
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	8270C	100-02-7	4-Nitrophenol	0.28	ug/L	U			5800	
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	8270C	85-01-8	Phenanthrene	0.21	ug/L				1800	
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	8270C	108-95-2	Phenol	0.063	ug/L	U			5800	
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	Krone	1002-53-5	Dibutyltin	0.0081	ug/L	U			6	
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	Krone	78763-54-9	Monobutyltin	0.011	ug/L	U			3.7	
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	NWTPH-Dx	TPH-D	Diesel Range Organics	490	ug/L				100	
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	NWTPH-Dx	MOIL	Residual Range Organics	180	ug/L				300	
MW-05	723621.002	7834877.658	4/16/2008	10.36 - 35.36	WG	N	080416MW5 GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	120	ug/L	J			14000	
MW-05	723621.002	7834877.658	7/16/2008	10.36 - 35.36	WG	N	080716MW5GW	6010B	7439-89-6	Iron	21500	ug/L				14000	
MW-05	723621.002	7834877.658	7/16/2008	10.36 - 35.36	WG	N	080716MW5GW	6010B	7439-89-6	Iron, Dissolved	19800	ug/L				14000	
MW-05	723621.002	7834877.658	7/16/2008	10.36 - 35.36	WG	N	080716MW5GW	6010B	7439-96-5	Manganese	2460	ug/L				3200000	
MW-05	723621.002	7834877.658	7/16/2008	10.36 - 35.36	WG	N	080716MW5GW	6010B	7439-96-5	Manganese, Dissolved	2360	ug/L				3200000	
MW-05	723621.002	7834877.658	7/16/2008	10.36 - 35.36	WG	N	080716MW5GW	6020	7440-38-2	Arsenic	2.85	ug/L				6300	
MW-05	723621.002	7834877.658	7/16/2008	10.36 - 35.36	WG	N	080716MW5GW	6020	7440-38-2	Arsenic, Dissolved	2.97	ug/L				6300	
MW-05	723621.002	7834877.658	7/16/2008	10.36 - 35.36	WG	N	080716MW5GW	6020	7439-92-1	Lead	0.074	ug/L	U			15	
MW-05	723621.002	7834877.658	7/16/2008	10.36 - 35.36	WG	N	080716MW5GW	6020	7439-92-1	Lead, Dissolved	0.03	ug/L	U			15	
MW-05	723621.002	7834877.658	7/16/2008	10.36 - 35.36	WG	N	080716MW5GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-05	723621.002	7834877.658	7/16/2008	10.36 - 35.36	WG	N	080716MW5GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-05	723621.002	7834877.658	7/16/2008	10.36 - 35.36	WG	N	080716MW5GW	8260B	75-01-4	Vinyl chloride	0.31	ug/L	J			3.3	
MW-05	723621.002	7834877.658	7/16/2008	10.36 - 35.36	WG	N	080716MW5GW	8270C	106-46-7	1,4-Dichlorobenzene	0.029	ug/L	U			25	
MW-05	723621.002	7834877.658	7/16/2008	10.36 - 35.36	WG	N	080716MW5GW	8270C	100-02-7	4-Nitrophenol	0.28	ug/L	U			5800	
MW-05	723621.002	7834877.658	7/16/2008	10.36 - 35.36	WG	N	080716MW5GW	8270C	85-01-8	Phenanthrene	0.3	ug/L				1800	
MW-05	723621.002	7834877.658	7/16/2008	10.36 - 35.36	WG	N	080716MW5GW	8270C	108-95-2	Phenol	0.063	ug/L	U			5800	
MW-05	723621.002	7834877.658	7/16/2008	10.36 - 35.36	WG	N	080716MW5GW	Krone	1002-53-5	Dibutyltin	0.0073	ug/L	U			6	
MW-05	723621.002	7834877.658	7/16/2008	10.36 - 35.36	WG	N	080716MW5GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-05	723621.002	7834877.658	7/16/2008	10.36 - 35.36	WG	N	080716MW5GW	NWTPH-Dx	TPH-D	Diesel Range Organics	980	ug/L				100	
MW-05	723621.002	7834877.658	7/16/2008	10.36 - 35.36	WG	N	080716MW5GW	NWTPH-Dx	MOIL	Residual Range Organics	370	ug/L				300	
MW-05	723621.002	7834877.658	7/16/2008	10.36 - 35.36	WG	N	080716MW5GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	110	ug/L	J			14000	
MW-05	723621.002	7834877.658	10/22/2008	10.36 - 35.36	WG	N	081022MW5GW	6010B	7439-89-6	Iron	25100	ug/L				14000	
MW-05	723621.002	7834877.658	10/22/2008	10.36 - 35.36	WG	N	081022MW5GW	6010B	7439-89-6	Iron, Dissolved	24400	ug/L				14000	
MW-05	723621.002	7834877.658	10/22/2008	10.36 - 35.36	WG	N	081022MW5GW	6010B	7439-96-5	Manganese	2840	ug/L				3200000	
MW-05	723621.002	7834877.658	10/22/2008	10.36 - 35.36	WG	N	081022MW5GW	6010B	7439-96-5	Manganese, Dissolved	2760	ug/L				3200000	
MW-05	723621.002	7834877.658	10/22/2008	10.36 - 35.36	WG	N	081022MW5GW	6020	7440-38-2	Arsenic	4.16	ug/L				6300	
MW-05	723621.002	7834877.658	10/22/2008	10.36 - 35.36	WG	N	081022MW5GW	6020	7440-38-2	Arsenic, Dissolved	3.68	ug/L				6300	
MW-05	723621.002	7834877.658	10/22/2008	10.36 - 35.36	WG	N	081022MW5GW	6020	7439-92-1	Lead	0.068	ug/L	U			15	
MW-05	723621.002	7834877.658	10/22/2008	10.36 - 35.36	WG	N	081022MW5GW	6020	7439-92-1	Lead, Dissolved	0.02	ug/L	U			15	
MW-05	723621.002	7834877.658	10/22/2008	10.36 - 35.36	WG	N	081022MW5GW	7470A	7439-97-6	Mercury	0.05	ug/L	U			11	
MW-05	723621.002	7834877.658	10/22/2008	10.36 - 35.36	WG	N	081022MW5GW	7470A	7439-97-6	Mercury, Dissolved	0.05	ug/L	U			11	
MW-05	723621.002	7834877.658	10/22/2008	10.36 - 35.36	WG	N	081022MW5GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-05	723621.002	7834877.658	10/22/2008	10.36 - 35.36	WG	N	081022MW5GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-05	723621.002	7834877.658	10/22/2008	10.36 - 35.36	WG	N	081022MW5GW	8260B	75-01-4	Vinyl chloride	0.39	ug/L	J			3.3	
MW-05	723621.002	7834877.658	10/22/2008	10.36 - 35.36	WG	N	081022MW5GW	8270C	106-46-7	1,4-Dichlorobenzene	0.029	ug/L	UJ			25	
MW-05	723621.002	7834877.658	10/22/2008	10.36 - 35.36	WG	N	081022MW5GW	8270C	100-02-7	4-Nitrophenol	0.28	ug/L	U			5800	
MW-05	723621.002	7834877.658	10/22/2008	10.36 - 35.36	WG	N	081022MW5GW	8270C	85-01-8	Phenanthrene	0.022	ug/L	U			1800	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-05	723621.002	7834877.658	10/22/2008	10.36 - 35.36	WG	N	081022MW5GW	8270C	108-95-2	Phenol	0.063	ug/L	U			5800	
MW-05	723621.002	7834877.658	10/22/2008	10.36 - 35.36	WG	N	081022MW5GW	Krone	1002-53-5	Dibutyltin	0.0073	ug/L	U			6	
MW-05	723621.002	7834877.658	10/22/2008	10.36 - 35.36	WG	N	081022MW5GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-05	723621.002	7834877.658	10/22/2008	10.36 - 35.36	WG	N	081022MW5GW	NWTPH-Dx	TPH-D	Diesel Range Organics	730	ug/L				100	
MW-05	723621.002	7834877.658	10/22/2008	10.36 - 35.36	WG	N	081022MW5GW	NWTPH-Dx	MOIL	Residual Range Organics	260	ug/L				300	
MW-05	723621.002	7834877.658	10/22/2008	10.36 - 35.36	WG	N	081022MW5GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	32	ug/L	J			14000	
MW-05	723621.002	7834877.658	1/14/2009	10.36 - 35.36	WG	N	090114MW5GW	6010B	7439-89-6	Iron	21300	ug/L				14000	
MW-05	723621.002	7834877.658	1/14/2009	10.36 - 35.36	WG	N	090114MW5GW	6010B	7439-89-6	Iron, Dissolved	19900	ug/L				14000	
MW-05	723621.002	7834877.658	1/14/2009	10.36 - 35.36	WG	N	090114MW5GW	6020	7440-38-2	Arsenic	2.3	ug/L				6300	
MW-05	723621.002	7834877.658	1/14/2009	10.36 - 35.36	WG	N	090114MW5GW	6020	7440-38-2	Arsenic, Dissolved	2.3	ug/L				6300	
MW-05	723621.002	7834877.658	1/14/2009	10.36 - 35.36	WG	N	090114MW5GW	6020	7439-92-1	Lead	0.102	ug/L				15	
MW-05	723621.002	7834877.658	1/14/2009	10.36 - 35.36	WG	N	090114MW5GW	6020	7439-92-1	Lead, Dissolved	0.013	ug/L	J			15	
MW-05	723621.002	7834877.658	1/14/2009	10.36 - 35.36	WG	N	090114MW5GW	6020	7439-96-5	Manganese	4220	ug/L				3200000	
MW-05	723621.002	7834877.658	1/14/2009	10.36 - 35.36	WG	N	090114MW5GW	6020	7439-96-5	Manganese, Dissolved	3790	ug/L				3200000	
MW-05	723621.002	7834877.658	1/14/2009	10.36 - 35.36	WG	N	090114MW5GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-05	723621.002	7834877.658	1/14/2009	10.36 - 35.36	WG	N	090114MW5GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-05	723621.002	7834877.658	1/14/2009	10.36 - 35.36	WG	N	090114MW5GW	8260B	75-01-4	Vinyl chloride	0.25	ug/L	J			3.3	
MW-05	723621.002	7834877.658	1/14/2009	10.36 - 35.36	WG	N	090114MW5GW	8270C	106-46-7	1,4-Dichlorobenzene	0.029	ug/L	U			25	
MW-05	723621.002	7834877.658	1/14/2009	10.36 - 35.36	WG	N	090114MW5GW	8270C	100-02-7	4-Nitrophenol	0.28	ug/L	U			5800	
MW-05	723621.002	7834877.658	1/14/2009	10.36 - 35.36	WG	N	090114MW5GW	8270C	85-01-8	Phenanthrene	0.022	ug/L	U			1800	
MW-05	723621.002	7834877.658	1/14/2009	10.36 - 35.36	WG	N	090114MW5GW	8270C	108-95-2	Phenol	0.063	ug/L	U			5800	
MW-05	723621.002	7834877.658	1/14/2009	10.36 - 35.36	WG	N	090114MW5GW	Krone	1002-53-5	Dibutyltin	0.0073	ug/L	U			6	
MW-05	723621.002	7834877.658	1/14/2009	10.36 - 35.36	WG	N	090114MW5GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-05	723621.002	7834877.658	1/14/2009	10.36 - 35.36	WG	N	090114MW5GW	NWTPH-Dx	TPH-D	Diesel Range Organics	970	ug/L				100	
MW-05	723621.002	7834877.658	1/14/2009	10.36 - 35.36	WG	N	090114MW5GW	NWTPH-Dx	MOIL	Residual Range Organics	330	ug/L				300	
MW-05	723621.002	7834877.658	1/14/2009	10.36 - 35.36	WG	N	090114MW5GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	90	ug/L	J			14000	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.001132	ug/L				1.3	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	2051-60-7	PCB-1	0.0000073	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	33146-45-1	PCB-10	0.00004	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	39485-83-1	PCB-100	0.00004	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	37680-73-2	PCB-101	0.000041	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	68194-06-9	PCB-102	0.00003	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	60145-21-3	PCB-103	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	56558-16-8	PCB-104	0.00003	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	32598-14-4	PCB-105	0.0000041	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	70424-69-0	PCB-106	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	70424-68-9	PCB-107	0.00003	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	70362-41-3	PCB-108	0.000016	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74472-35-8	PCB-109	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	2050-67-1	PCB-11	0.00004	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	38380-03-9	PCB-110	0.000047	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	39635-32-0	PCB-111	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74472-36-9	PCB-112	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	68194-10-5	PCB-113	0.000041	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74472-37-0	PCB-114	0.00002	ug/L	U			2.9	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74472-38-1	PCB-115	0.000047	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	18259-05-7	PCB-116	0.000051	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	68194-11-6	PCB-117	0.000051	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	31508-00-6	PCB-118	0.000017	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	56558-17-9	PCB-119	0.000016	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	2974-92-7	PCB-12	0.000071	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	68194-12-7	PCB-120	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	56558-18-0	PCB-121	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	76842-07-4	PCB-122	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	65510-44-3	PCB-123	0.00002	ug/L	U			1.4	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	70424-70-3	PCB-124	0.00003	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74472-39-2	PCB-125	0.000016	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	57465-28-8	PCB-126	0.00002	ug/L	U			0.00042	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	39635-33-1	PCB-127	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	38380-07-3	PCB-128	0.00001	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	55215-18-4	PCB-129	0.00008	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	2974-90-5	PCB-13	0.000071	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52663-66-8	PCB-130	0.0000047	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	61798-70-7	PCB-131	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	38380-05-1	PCB-132	0.000026	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	35694-04-3	PCB-133	0.0000022	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52704-70-8	PCB-134	0.00003	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52744-13-5	PCB-135	0.000036	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	38411-22-2	PCB-136	0.000014	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	35694-06-5	PCB-137	0.0000023	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	35065-28-2	PCB-138	0.00008	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	56030-56-9	PCB-139	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	34883-41-5	PCB-14	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	59291-64-4	PCB-140	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52712-04-6	PCB-141	0.000016	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	41411-61-4	PCB-142	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	68194-15-0	PCB-143	0.00003	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	68194-14-9	PCB-144	0.0000026	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74472-40-5	PCB-145	0.00001	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	51908-16-8	PCB-146	0.000013	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	68194-13-8	PCB-147	0.000077	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74472-41-6	PCB-148	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	38380-04-0	PCB-149	0.000077	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	2050-68-2	PCB-15	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	68194-08-1	PCB-150	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52663-63-5	PCB-151	0.000036	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	68194-09-2	PCB-152	0.00001	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	35065-27-1	PCB-153	0.000079	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	60145-22-4	PCB-154	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	33979-03-2	PCB-155	0.00003	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	38380-08-4	PCB-156	0.0000052	ug/L	U			7	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	69782-90-7	PCB-157	0.0000052	ug/L	U			1.6	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74472-42-7	PCB-158	0.0000049	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	39635-35-3	PCB-159	0.00000058	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	38444-78-9	PCB-16	0.000009	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	41411-62-5	PCB-160	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74472-43-8	PCB-161	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	39635-34-2	PCB-162	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74472-44-9	PCB-163	0.00008	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74472-45-0	PCB-164	0.0000051	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74472-46-1	PCB-165	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	41411-63-6	PCB-166	0.00001	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52663-72-6	PCB-167	0.0000029	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	59291-65-5	PCB-168	0.000079	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	32774-16-6	PCB-169	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	37680-66-3	PCB-17	0.0000087	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	35065-30-6	PCB-170	0.000027	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52663-71-5	PCB-171	0.0000078	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52663-74-8	PCB-172	0.0000047	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	68194-16-1	PCB-173	0.0000078	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	38411-25-5	PCB-174	0.000031	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	40186-70-7	PCB-175	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52663-65-7	PCB-176	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52663-70-4	PCB-177	0.000016	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52663-67-9	PCB-178	0.0000067	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52663-64-6	PCB-179	0.000012	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	37680-65-2	PCB-18	0.000018	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	35065-29-3	PCB-180	0.000077	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74472-47-2	PCB-181	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	60145-23-5	PCB-182	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52663-69-1	PCB-183	0.000018	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74472-48-3	PCB-184	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52712-05-7	PCB-185	0.0000035	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74472-49-4	PCB-186	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52663-68-0	PCB-187	0.000035	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74487-85-7	PCB-188	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	39635-31-9	PCB-189	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	38444-73-4	PCB-19	0.0000099	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	41411-64-7	PCB-190	0.000003	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74472-50-7	PCB-191	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74472-51-8	PCB-192	0.00001	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	69782-91-8	PCB-193	0.000077	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	35694-08-7	PCB-194	0.000014	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52663-78-2	PCB-195	0.0000037	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	42740-50-1	PCB-196	0.0000088	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	33091-17-7	PCB-197	0.00000075	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	68194-17-2	PCB-198	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52663-75-9	PCB-199	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	2051-61-8	PCB-2	0.00001	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	38444-84-7	PCB-20	0.000011	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52663-73-7	PCB-200	0.0000029	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	40186-71-8	PCB-201	0.0000034	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	2136-99-4	PCB-202	0.0000044	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52663-76-0	PCB-203	0.000013	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74472-52-9	PCB-204	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74472-53-0	PCB-205	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	40186-72-9	PCB-206	0.0000077	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52663-79-3	PCB-207	0.0000011	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52663-77-1	PCB-208	0.0000024	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	2051-24-3	PCB-209	0.0000024	ug/L	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	55702-46-0	PCB-21	0.000005	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	38444-85-8	PCB-22	0.0000028	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	55720-44-0	PCB-23	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	55702-45-9	PCB-24	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	55712-37-3	PCB-25	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	38444-81-4	PCB-26	0.0000024	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	38444-76-7	PCB-27	0.0000018	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	7012-37-5	PCB-28	0.000011	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	15862-07-4	PCB-29	0.0000024	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	2051-62-9	PCB-3	0.00001	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	35693-92-6	PCB-30	0.000018	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	16606-02-3	PCB-31	0.000012	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	38444-77-8	PCB-32	0.0000074	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	38444-86-9	PCB-33	0.000005	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	37680-68-5	PCB-34	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	37680-69-6	PCB-35	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	38444-87-0	PCB-36	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	38444-90-5	PCB-37	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	53555-66-1	PCB-38	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	38444-88-1	PCB-39	0.00003	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	13029-08-8	PCB-4	0.000016	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	38444-93-8	PCB-40	0.000006	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52663-59-9	PCB-41	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	36559-22-5	PCB-42	0.0000041	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	70362-46-8	PCB-43	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	41464-39-5	PCB-44	0.000022	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	70362-45-7	PCB-45	0.0000046	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	41464-47-5	PCB-46	0.000002	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	2437-79-8	PCB-47	0.000022	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	70362-47-9	PCB-48	0.0000019	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	41464-40-8	PCB-49	0.000011	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	16605-91-7	PCB-5	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	62796-65-0	PCB-50	0.000007	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	68194-04-7	PCB-51	0.0000025	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	35693-99-3	PCB-52	0.000034	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	41464-41-9	PCB-53	0.000007	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	15968-05-5	PCB-54	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74338-24-2	PCB-55	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	41464-43-1	PCB-56	0.0000018	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	70424-67-8	PCB-57	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	41464-49-7	PCB-58	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74472-33-6	PCB-59	0.0000017	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	25569-80-6	PCB-6	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	33025-41-1	PCB-60	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	33284-53-6	PCB-61	0.000013	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	54230-22-7	PCB-62	0.0000017	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74472-34-7	PCB-63	0.00003	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52663-58-8	PCB-64	0.0000054	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	33284-54-7	PCB-65	0.000022	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	32598-10-0	PCB-66	0.0000066	ug/L	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	73575-53-8	PCB-67	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	73575-52-7	PCB-68	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	60233-24-1	PCB-69	0.000011	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	33284-50-3	PCB-7	0.000025	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	32598-11-1	PCB-70	0.000013	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	41464-46-4	PCB-71	0.000006	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	41464-42-0	PCB-72	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	74338-23-1	PCB-73	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	32690-93-0	PCB-74	0.000013	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	32598-12-2	PCB-75	0.0000017	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	70362-48-0	PCB-76	0.000013	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	32598-13-3	PCB-77	0.00002	ug/L	U			0.006	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	70362-49-1	PCB-78	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	41464-48-6	PCB-79	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	34883-43-7	PCB-8	0.000025	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	33284-52-5	PCB-80	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	70362-50-4	PCB-81	0.00002	ug/L	U			0.12	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52663-62-4	PCB-82	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	60145-20-2	PCB-83	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52663-60-2	PCB-84	0.000015	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	65510-45-4	PCB-85	0.000051	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	55312-69-1	PCB-86	0.000016	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	38380-02-8	PCB-87	0.000016	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	55215-17-3	PCB-88	0.0000092	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	73575-57-2	PCB-89	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	34883-39-1	PCB-9	0.000025	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	68194-07-0	PCB-90	0.000041	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	68194-05-8	PCB-91	0.0000092	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	52663-61-3	PCB-92	0.0000086	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	73575-56-1	PCB-93	0.00004	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	73575-55-0	PCB-94	0.00003	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	38379-99-6	PCB-95	0.000075	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	73575-54-9	PCB-96	0.00002	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	41464-51-1	PCB-97	0.000016	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	60233-25-2	PCB-98	0.00003	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	1668C	38380-01-7	PCB-99	0.000014	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	NWTPH-DX	TPH-D	Diesel Range Organics	870	ug/L				100	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	NWTPH-DX	MOIL	Residual Range Organics	1500	ug/L				300	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	NWTPH-GX	TPH-G	Gasoline Range Organics	59	ug/L				14000	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	ORGANOTINS	1002-53-5	Dibutyltin	0.16	ug/L	U			6	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	MW-5-GW	ORGANOTINS	1461-25-2	Tetrabutyltin	0.2	ug/L	U			3.7	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7429-90-5	Aluminum	4460	ug/L	J			20000	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7440-36-0	Antimony	4.72	ug/L	U			7.8	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7440-38-2	Arsenic	28.7	ug/L				6300	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7440-39-3	Barium	142	ug/L				4000	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7440-41-7	Beryllium	0.705	ug/L	J			270000	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7440-69-9	Bismuth	99.7	ug/L					
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7440-43-9	Cadmium	2	ug/L	U			130000	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7440-70-2	Calcium	44400	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7440-47-3	Chromium	3.39	ug/L	J			30000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7440-48-4	Cobalt	5.82	ug/L	J			6	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7440-50-8	Copper	33.4	ug/L				5400000	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7440-69-9	Germanium	111	ug/L					
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7440-74-6	Indium	105	ug/L					
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7439-89-6	Iron	39900	ug/L				14000	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7439-92-1	Lead	6.02	ug/L	J			15	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7439-93-2	Lithium	112	ug/L					
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7439-95-4	Magnesium	18100	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7439-96-5	Manganese	1420	ug/L				3200000	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7440-02-0	Nickel	10.4	ug/L	J			400	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7440-09-7	Potassium	3560	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7440-20-2	Scandium	115	ug/L					
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7782-49-2	Selenium	10	ug/L	U			100	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7440-22-4	Silver	1	ug/L	U			1100000	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7440-23-5	Sodium	14500	ug/L	J				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	15492-51-0	Terbium	104	ug/L					
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7440-28-0	Thallium	1	ug/L	U			0.2	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7440-62-2	Vanadium	5	ug/L				86	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7440-65-5	Yttrium	121	ug/L					
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW6020B	7440-66-6	Zinc	46.8	ug/L				6000	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW7470A	7439-97-6	Mercury	0.4	ug/L	U			11	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	53-19-0	2,4-DDD	0.0102	ug/L	UJ				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	3424-82-6	2,4-DDE	0.0102	ug/L	UJ				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	789-02-6	2,4-DDT	0.0102	ug/L	UJ				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	72-54-8	4,4'-DDD	0.0101	ug/L	UJ			3.2	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	72-55-9	4,4'-DDE	0.0203	ug/L	U			310	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	50-29-3	4,4'-DDT	0.0507	ug/L	U			0.23	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	309-00-2	Aldrin	0.0203	ug/L	U			3.5	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	319-84-6	alpha-BHC	0.0203	ug/L	U			18	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	5103-71-9	alpha-Chlordane	0.0253	ug/L	UJ			0.45	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	319-85-7	beta-BHC	0.0203	ug/L	U			0.025	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	319-86-8	delta-BHC	0.0203	ug/L	U			0.0072	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	60-57-1	Dieldrin	0.0203	ug/L	UJ			2.4	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	959-98-8	Endosulfan I	0.0203	ug/L	UJ			98	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	33213-65-9	Endosulfan II	0.0203	ug/L	U			98	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	1031-07-8	Endosulfan sulfate	0.0253	ug/L	UJ			98	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	72-20-8	Endrin	0.0203	ug/L	U			170	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	7421-93-4	Endrin aldehyde	0.0253	ug/L	U			170	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	53494-70-5	Endrin ketone	0.0203	ug/L	U			170	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	58-89-9	gamma-BHC (Lindane)	0.0203	ug/L	U			100	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	5103-74-2	gamma-Chlordane	0.0253	ug/L	U			0.45	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	76-44-8	Heptachlor	0.0203	ug/L	U			1.8	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	1024-57-3	Heptachlor epoxide	0.0203	ug/L	UJ			3.2	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	72-43-5	Methoxychlor	0.0507	ug/L	U			37	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	27304-13-8	Oxychlordane	0.0102	ug/L	UJ				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8081B	8001-35-2	Toxaphene	1.12	ug/L	J			18	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	630-20-6	1,1,1,2-Tetrachloroethane	0.2	ug/L	U			36	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	79-34-5	1,1,2,2-Tetrachloroethane	0.2	ug/L	U			30	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	79-00-5	1,1,2-Trichloroethane	0.2	ug/L	U			44	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	75-34-3	1,1-Dichloroethane	0.2	ug/L	U			55	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	96-18-4	1,2,3-Trichloropropane	0.2	ug/L	U			200	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	95-63-6	1,2,4-Trimethylbenzene	0.2	ug/L	U			2400	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	106-93-4	1,2-Dibromoethane (EDB)	0.2	ug/L	U			1.5	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	107-06-2	1,2-Dichloroethane	0.3	ug/L	U			18	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	78-87-5	1,2-Dichloropropane	0.3	ug/L	U			52	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	106-46-7	1,4-Dichlorobenzene	0.2	ug/L	U			25	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	594-20-7	2,2-Dichloropropane	0.2	ug/L	U			52	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	71-43-2	Benzene	0.2	ug/L	U			12	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	74-97-5	Bromochloromethane	0.2	ug/L	U			450	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	75-27-4	Bromodichloromethane	0.2	ug/L	U			6.9	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	56-23-5	Carbon tetrachloride	0.2	ug/L	U			3.1	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	67-66-3	Chloroform	0.3	ug/L	U			5.9	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	156-59-2	cis-1,2-Dichloroethene	0.3	ug/L	U			1800	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	10061-01-5	cis-1,3-Dichloropropene	0.2	ug/L	U			40	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	124-48-1	Dibromochloromethane	0.2	ug/L	U			610	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	74-95-3	Dibromomethane	0.2	ug/L	U			950	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	87-68-3	Hexachlorobutadiene	0.2	ug/L	U			3.3	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	98-82-8	Isopropylbenzene	0.3	ug/L	J			9100	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	103-65-1	n-Propylbenzene	0.2	ug/L	U			22000	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	10061-02-6	trans-1,3-Dichloropropene	0.2	ug/L	U			21	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	79-01-6	Trichloroethene	0.2	ug/L	U			7.4	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8260B/D	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D	1319-77-3	3 & 4-Methylphenol	0.538	ug/L	U			370	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D	91-94-1	3,3'-Dichlorobenzidine	10.8	ug/L	U			0.17	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D	100-02-7	4-Nitrophenol	5.38	ug/L	U			5800	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D	111-44-4	Bis (2-chloroethyl) ether	0.538	ug/L	U			140	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D	85-68-7	Butyl benzylphthalate	0.538	ug/L	U			16	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D	86-74-8	Carbazole	0.538	ug/L	U			7.9	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D	132-64-9	Dibenzofuran	0.323	ug/L	U			7.9	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D	84-74-2	Di-n-butylphthalate	6.45	ug/L	U			900	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D	117-84-0	Di-n-octylphthalate	5.38	ug/L	U			200	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D	118-74-1	Hexachlorobenzene	0.538	ug/L	U			1.3	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D	62-75-9	N-Nitrosodimethylamine	0.538	ug/L	U			25	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	1.08	ug/L	U			370	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D	108-95-2	Phenol	0.538	ug/L	U			5800	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D SIM	91-57-6	2-Methylnaphthalene	0.0435	ug/L	U			36	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D SIM	83-32-9	Acenaphthene	0.184	ug/L				510	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D SIM	208-96-8	Acenaphthylene	0.0435	ug/L	U			20	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D SIM	120-12-7	Anthracene	0.0435	ug/L	U			1800	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D SIM	56-55-3	Benzo(a)anthracene	0.0871	ug/L	U			2300	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D SIM	50-32-8	Benzo(a)pyrene	0.0653	ug/L	U			0.025	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D SIM	205-99-2	Benzo(b)fluoranthene	0.0653	ug/L	U			0.25	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D SIM	191-24-2	Benzo(g,h,i)perylene	0.0871	ug/L	U			120	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D SIM	207-08-9	Benzo(k)fluoranthene	0.0871	ug/L	U			2.5	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D SIM	117-81-7	Bis (2-ethylhexyl) phthalate	1.09	ug/L	U			5.6	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D SIM	218-01-9	Chrysene	0.131	ug/L	U			25	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D SIM	53-70-3	Dibenzo(a,h)anthracene	0.131	ug/L	U			0.025	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D SIM	206-44-0	Fluoranthene	0.0391	ug/L	J			800	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D SIM	86-73-7	Fluorene	0.0448	ug/L	J			280	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0871	ug/L	U			0.25	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D SIM	91-20-3	Naphthalene	0.0871	ug/L	U			20	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D SIM	85-01-8	Phenanthrene	0.131	ug/L	U			1800	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	SW8270D SIM	129-00-0	Pyrene	0.0653	ug/L	U			110	
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.221252	ug/L	U				
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.8454	ug/L					
MW-05	723621.002	7834877.658	4/6/2022	10.36 - 35.36	WG	N	22D0352-03	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.5717	ug/L					
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8081 Pest	72-54-8	4,4'-DDD	0.000517	ug/L	UJ			3.2	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8081 Pest	72-55-9	4,4'-DDE	0.000428	ug/L	UJ			310	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8081 Pest	50-29-3	4,4'-DDT	0.000548	ug/L	UJ			0.23	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8081 Pest	309-00-2	Aldrin	0.000126	ug/L	UJ			3.5	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8081 Pest	319-84-6	alpha-BHC	0.000403	ug/L	UJ			18	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8081 Pest	319-85-7	beta-BHC	0.000468	ug/L	UJ			0.025	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8081 Pest	319-86-8	delta-BHC	0.000257	ug/L	UJ			0.0072	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8081 Pest	60-57-1	Dieldrin	0.000331	ug/L	UJ			2.4	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8081 Pest	959-98-8	Endosulfan I	0.000547	ug/L	UJ			98	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8081 Pest	33213-65-9	Endosulfan II	0.000415	ug/L	UJ			98	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.000589	ug/L	UJ			98	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8081 Pest	72-20-8	Endrin	0.00034	ug/L	UJ			170	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8081 Pest	7421-93-4	Endrin aldehyde	0.00107	ug/L	UJ			170	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8081 Pest	53494-70-5	Endrin ketone	0.000378	ug/L	UJ			170	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.000789	ug/L	UJ			100	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8081 Pest	76-44-8	Heptachlor	0.000826	ug/L	UJ			1.8	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.00041	ug/L	UJ			3.2	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8081 Pest	72-43-5	Methoxychlor	0.000589	ug/L	UJ			37	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8081 Pest	12789-03-6	technical-Chlordane	0.00351	ug/L	UJ			670	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8081 Pest	8001-35-2	Toxaphene	0.0128	ug/L	UJ			18	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8082	12674-11-2	Aroclor-1016	0.00207	ug/L	U			75	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8082	11104-28-2	Aroclor-1221	0.00515	ug/L	U			2.3	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8082	11141-16-5	Aroclor-1232	0.00245	ug/L	U			0.71	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8082	53469-21-9	Aroclor-1242	0.0034	ug/L	U			5.8	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8082	12672-29-6	Aroclor-1248	0.00161	ug/L	U			1.2	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8082	11097-69-1	Aroclor-1254	0.00207	ug/L	U			7.2	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8082	11096-82-5	Aroclor-1260	0.00113	ug/L	U			1.6	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8151	93-76-5	2,4,5-T	0.0566	ug/L	U			160	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8151	93-72-1	2,4,5-TP (Silvex)	0.0227	ug/L	U			110	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8151	94-75-7	2,4-D	0.0296	ug/L	U			77000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8151	94-82-6	2,4-DB	0.0577	ug/L	U				
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8151	120-36-5	2,4-DP (Dichloroprop)	0.0114	ug/L	U				
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8151	100-02-7	4-Nitrophenol	0.0114	ug/L	U			5800	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8151	75-99-0	Dalapon	0.0124	ug/L	U			600	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8151	1918-00-9	Dicamba	0.0221	ug/L	U			570	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8151	88-85-7	Dinoseb	0.0292	ug/L	U			15	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8151	94-74-6	MCPA	0.0114	ug/L	U			1700	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8151	93-65-2	MCPP	0.0134	ug/L	U			16	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8151	87-86-5	Pentachlorophenol	0.0259	ug/L	U			53	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.5	ug/L	U			36	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	71-55-6	1,1,1-Trichloroethane	0.5	ug/L	U			53000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.5	ug/L	U			30	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	79-00-5	1,1,2-Trichloroethane	0.5	ug/L	U			44	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	75-34-3	1,1-Dichloroethane	0.5	ug/L	U			55	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	75-35-4	1,1-Dichloroethene	0.5	ug/L	U			1300	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	563-58-6	1,1-Dichloropropene	0.5	ug/L	U			40	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	87-61-6	1,2,3-Trichlorobenzene	0.5	ug/L	U			7	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	96-18-4	1,2,3-Trichloropropane	0.5	ug/L	U			200	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	95-63-6	1,2,4-Trimethylbenzene	0.5	ug/L	U			2400	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	106-93-4	1,2-Dibromoethane (EDB)	0.5	ug/L	U			1.5	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	107-06-2	1,2-Dichloroethane	0.5	ug/L	U			18	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	78-87-5	1,2-Dichloropropane	0.5	ug/L	U			52	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	108-67-8	1,3,5-Trimethylbenzene	0.5	ug/L	U			1700	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	142-28-9	1,3-Dichloropropane	0.5	ug/L	U			370	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	594-20-7	2,2-Dichloropropane	0.5	ug/L	U			52	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	95-49-8	2-Chlorotoluene	0.5	ug/L	U			240	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	591-78-6	2-Hexanone	2.5	ug/L	U			72000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	106-43-4	4-Chlorotoluene	0.5	ug/L	U			250	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	67-64-1	Acetone	2.5	ug/L	U			18000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	71-43-2	Benzene	0.5	ug/L	U			12	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	108-86-1	Bromobenzene	0.5	ug/L	U			6300	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	74-97-5	Bromochloromethane	0.5	ug/L	U			450	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	75-27-4	Bromodichloromethane	0.5	ug/L	U			6.9	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	75-25-2	Bromoform	0.5	ug/L	U			1100	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	56-23-5	Carbon tetrachloride	0.5	ug/L	U			3.1	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	108-90-7	Chlorobenzene	0.5	ug/L	U			3400	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	75-00-3	Chloroethane	0.5	ug/L	U			57000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	67-66-3	Chloroform	0.5	ug/L	U			5.9	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	74-87-3	Chloromethane	0.5	ug/L	U			1500	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	156-59-2	cis-1,2-Dichloroethene	0.5	ug/L	U			1800	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	10061-01-5	cis-1,3-Dichloropropene	0.5	ug/L	U			40	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	124-48-1	Dibromochloromethane	0.5	ug/L	U			610	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	74-95-3	Dibromomethane	0.5	ug/L	U			950	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	75-71-8	Dichlorodifluoromethane	0.5	ug/L	U			41	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	100-41-4	Ethylbenzene	0.5	ug/L	U			31	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	98-82-8	Isopropylbenzene	0.5	ug/L	U			9100	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	75-09-2	Methylene chloride	0.5	ug/L	U			15000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	2.5	ug/L	U			4600000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	104-51-8	n-Butylbenzene	0.5	ug/L	U			1000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	103-65-1	n-Propylbenzene	0.5	ug/L	U			22000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	95-47-6	o-Xylene	0.5	ug/L	U			4300	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	99-87-6	p-Cymene	0.5	ug/L	U			9100	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	135-98-8	sec-Butylbenzene	0.5	ug/L	U			2000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	100-42-5	Styrene	0.5	ug/L	U			84000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	98-06-6	tert-Butylbenzene	0.5	ug/L	U			690	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	108-88-3	Toluene	0.5	ug/L	U			150000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	156-60-5	trans-1,2-Dichloroethene	0.5	ug/L	U			457	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	10061-02-6	trans-1,3-Dichloropropene	0.5	ug/L	U			21	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	79-01-6	Trichloroethene	0.5	ug/L	U			7.4	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	75-69-4	Trichlorofluoromethane	0.5	ug/L	U			160000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	108-05-4	Vinyl acetate	2.5	ug/L	U			80000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8260	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	120-82-1	1,2,4-Trichlorobenzene	0.184	ug/L	U			380	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	95-50-1	1,2-Dichlorobenzene	0.184	ug/L	U			25000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	541-73-1	1,3-Dichlorobenzene	0.196	ug/L	U			25	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	106-46-7	1,4-Dichlorobenzene	0.173	ug/L	U			25	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	95-95-4	2,4,5-Trichlorophenol	0.127	ug/L	U			1200	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	88-06-2	2,4,6-Trichlorophenol	0.138	ug/L	U			1700	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	120-83-2	2,4-Dichlorophenol	0.173	ug/L	U			46	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	105-67-9	2,4-Dimethylphenol	0.173	ug/L	U			360	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	51-28-5	2,4-Dinitrophenol	0.345	ug/L	U			39	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	121-14-2	2,4-Dinitrotoluene	0.15	ug/L	U			0.24	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	606-20-2	2,6-Dinitrotoluene	0.23	ug/L	U			830	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	91-58-7	2-Chloronaphthalene	0.0173	ug/L	U			750	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	95-57-8	2-Chlorophenol	0.196	ug/L	U			91	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	91-57-6	2-Methylnaphthalene	0.173	ug/L	U			36	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	95-48-7	2-Methylphenol	0.276	ug/L	U			930	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	88-74-4	2-Nitroaniline	0.207	ug/L	U			190	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	88-75-5	2-Nitrophenol	0.253	ug/L	U			5800	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	91-94-1	3,3'-Dichlorobenzidine	0.414	ug/L	U			0.17	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	99-09-2	3-Nitroaniline	0.38	ug/L	U			190	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.253	ug/L	U			1.5	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	101-55-3	4-Bromophenyl phenyl ether	0.138	ug/L	U				
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	59-50-7	4-Chloro-3-methylphenol	0.621	ug/L	U			1400	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	106-47-8	4-Chloroaniline	0.449	ug/L	U			0.37	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.173	ug/L	U				
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	106-44-5	4-Methylphenol	0.265	ug/L	U			370	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	100-01-6	4-Nitroaniline	0.242	ug/L	U			3.8	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	83-32-9	Acenaphthene	0.0184	ug/L	U			510	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	208-96-8	Acenaphthylene	0.0173	ug/L	U			20	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	62-53-3	Aniline	0.575	ug/L	U			13	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	120-12-7	Anthracene	0.0173	ug/L	U			1800	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	92-87-5	Benzidine	0.276	ug/L	U			17	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	56-55-3	Benzo(a)anthracene	0.0506	ug/L	U			2300	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	50-32-8	Benzo(a)pyrene	0.0541	ug/L	U			0.025	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	191-24-2	Benzo(g,h,i)perylene	0.0391	ug/L	U			120	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	56832-73-6	Benzofluoranthenes, Total	0.0437	ug/L	U				
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	65-85-0	Benzoic acid	0.23	ug/L	U			75000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	100-51-6	Benzyl alcohol	0.398	ug/L	U			2000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	111-91-1	Bis (2-chloroethoxy) methane	0.207	ug/L	U			59	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	111-44-4	Bis (2-chloroethyl) ether	0.219	ug/L	U			140	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	0.748	ug/L	U			5.6	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.242	ug/L	U			710	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	85-68-7	Butyl benzylphthalate	2.15	ug/L	U			16	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	86-74-8	Carbazole	0.0322	ug/L	U			7.9	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	218-01-9	Chrysene	0.0288	ug/L	U			25	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	53-70-3	Dibenzo(a,h)anthracene	0.0311	ug/L	U			0.025	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	132-64-9	Dibenzofuran	0.161	ug/L	U			7.9	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	84-66-2	Diethyl phthalate	1.9	ug/L				15000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	131-11-3	Dimethyl phthalate	0.184	ug/L	U			15000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	84-74-2	Di-n-butylphthalate	2.66	ug/L	U			900	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	117-84-0	Di-n-octylphthalate	5.29	ug/L				200	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	206-44-0	Fluoranthene	0.0219	ug/L	U			800	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	86-73-7	Fluorene	0.0161	ug/L	U			280	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	118-74-1	Hexachlorobenzene	0.23	ug/L	U			1.3	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	87-68-3	Hexachlorobutadiene	0.334	ug/L	U			3.3	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	77-47-4	Hexachlorocyclopentadiene	0.229	ug/L	U			48	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	67-72-1	Hexachloroethane	0.46	ug/L	U			7	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0345	ug/L	U			0.25	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	78-59-1	Isophorone	0.207	ug/L	U			78	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	91-20-3	Naphthalene	0.0253	ug/L	U			20	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	98-95-3	Nitrobenzene	0.518	ug/L	U			800	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	62-75-9	N-Nitrosodimethylamine	0.38	ug/L	U			25	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	621-64-7	N-Nitrosodi-n-propylamine	0.242	ug/L	U			370	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	86-30-6	N-Nitrosodiphenylamine	0.115	ug/L	U			12	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	85-01-8	Phenanthrene	0.0253	ug/L	U			1800	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	108-95-2	Phenol	0.382	ug/L	J			5800	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	8270	129-00-0	Pyrene	0.0161	ug/L	U			110	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	Krone	1002-53-5	Dibutyltin	0.0119	ug/L				6	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	Krone	78763-54-9	Monobutyltin	0.00699	ug/L				3.7	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	Krone	1461-25-2	Tetrabutyltin	0.00116	ug/L	U			3.7	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	Krone	688-73-3	Tributyltin	0.0213	ug/L				3.7	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	METALS	7440-36-0	Antimony	1.26	ug/L	J			7.8	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	METALS	7440-38-2	Arsenic	9.92	ug/L				6300	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	METALS	7440-39-3	Barium	139	ug/L				4000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	METALS	7440-41-7	Beryllium	0.222	ug/L	J			270000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	METALS	7440-43-9	Cadmium	0.0071	ug/L	U			130000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	METALS	7440-47-3	Chromium	8.64	ug/L				30000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	METALS	7440-50-8	Copper	35.9	ug/L				5400000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	METALS	7439-89-6	Iron	34000	ug/L				14000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	METALS	7439-92-1	Lead	3.63	ug/L				15	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	METALS	7439-96-5	Manganese	2560	ug/L				3200000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	METALS	7439-97-6	Mercury	0.131	ug/L	U			11	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	METALS	7440-02-0	Nickel	12.4	ug/L				400	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	METALS	7782-49-2	Selenium	0.53	ug/L	J			100	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	METALS	7440-22-4	Silver	0.108	ug/L				1100000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	METALS	7440-28-0	Thallium	0.23	ug/L	J			0.2	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	METALS	7440-66-6	Zinc	21.5	ug/L				6000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	NWTPH-Dx	TPH-D	Diesel Range Organics	889	ug/L				100	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	NWTPH-Dx	MOIL	Residual Range Organics	1030	ug/L				300	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	100	ug/L	U			14000	
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.2762	ug/L	U				
MW-06	723640.326	7834863.465	5/3/2002	25 - 30	WG	N	020503BIL08GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.2985	ug/L	U				
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	300.0	24959-67-9	Bromide	29	ug/L	J				
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	6010B	7440-70-2	Calcium, Dissolved	76600	ug/L					
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	6010B	7439-89-6	Iron	25100	ug/L				14000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	6010B	7439-89-6	Iron, Dissolved	24200	ug/L				14000	
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	6010B	7439-95-4	Magnesium, Dissolved	25800	ug/L					
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	6010B	7440-09-7	Potassium, Dissolved	7240	ug/L					
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	6010B	7440-23-5	Sodium, Dissolved	41300	ug/L					
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	6020	7440-38-2	Arsenic	2.69	ug/L				6300	
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	6020	7440-38-2	Arsenic, Dissolved	2.33	ug/L				6300	
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	6020	7439-92-1	Lead	0.056	ug/L				15	
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	6020	7439-92-1	Lead, Dissolved	0.017	ug/L	J			15	
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	6020	7439-96-5	Manganese	3280	ug/L				3200000	
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	6020	7439-96-5	Manganese, Dissolved	3200	ug/L				3200000	
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	8260B	75-01-4	Vinyl chloride	0.16	ug/L	J			3.3	
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	8270C	106-46-7	1,4-Dichlorobenzene	0.029	ug/L	U			25	
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	8270C	100-02-7	4-Nitrophenol	0.28	ug/L	U			5800	
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	8270C	85-01-8	Phenanthrene	0.022	ug/L	U			1800	
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	8270C	108-95-2	Phenol	0.063	ug/L	U			5800	
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	Krone	1002-53-5	Dibutyltin	0.0081	ug/L	U			6	
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	Krone	78763-54-9	Monobutyltin	0.011	ug/L	U			3.7	
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	NWTPH-Dx	TPH-D	Diesel Range Organics	360	ug/L				100	
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	NWTPH-Dx	MOIL	Residual Range Organics	120	ug/L	U			300	
MW-06	723640.326	7834863.465	4/17/2008	25 - 30	WG	N	080417MW6 GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	30	ug/L	J			14000	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	FD	080716MW21GW	6010B	7439-89-6	Iron	23900	ug/L				14000	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	FD	080716MW21GW	6010B	7439-89-6	Iron, Dissolved	22300	ug/L				14000	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	FD	080716MW21GW	6010B	7439-96-5	Manganese	2950	ug/L				3200000	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	FD	080716MW21GW	6010B	7439-96-5	Manganese, Dissolved	2950	ug/L				3200000	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	FD	080716MW21GW	6020	7440-38-2	Arsenic	3.2	ug/L				6300	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	FD	080716MW21GW	6020	7440-38-2	Arsenic, Dissolved	3.07	ug/L				6300	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	FD	080716MW21GW	6020	7439-92-1	Lead	0.009	ug/L	U			15	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	FD	080716MW21GW	6020	7439-92-1	Lead, Dissolved	0.00003	ug/L	U			15	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	FD	080716MW21GW	8260B	67-66-3	Chloroform	0.5	ug/L	U			5.9	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	FD	080716MW21GW	8260B	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	FD	080716MW21GW	8260B	75-01-4	Vinyl chloride	0.17	ug/L	J			3.3	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	FD	080716MW21GW	8270C	106-46-7	1,4-Dichlorobenzene	0.2	ug/L	U			25	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	FD	080716MW21GW	8270C	100-02-7	4-Nitrophenol	2	ug/L	U			5800	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	FD	080716MW21GW	8270C	85-01-8	Phenanthrene	0.2	ug/L	U			1800	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	FD	080716MW21GW	8270C	108-95-2	Phenol	0.49	ug/L	U			5800	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	FD	080716MW21GW	Krone	1002-53-5	Dibutyltin	0.05	ug/L	U			6	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	FD	080716MW21GW	Krone	78763-54-9	Monobutyltin	0.087	ug/L	U			3.7	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	FD	080716MW21GW	NWTPH-Dx	TPH-D	Diesel Range Organics	460	ug/L				100	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	FD	080716MW21GW	NWTPH-Dx	MOIL	Residual Range Organics	230	ug/L				300	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	FD	080716MW21GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	36	ug/L	J			14000	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	N	080716MW6GW	6010B	7439-89-6	Iron	23700	ug/L				14000	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	N	080716MW6GW	6010B	7439-89-6	Iron, Dissolved	23200	ug/L				14000	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	N	080716MW6GW	6010B	7439-96-5	Manganese	2910	ug/L				3200000	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	N	080716MW6GW	6010B	7439-96-5	Manganese, Dissolved	3080	ug/L				3200000	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	N	080716MW6GW	6020	7440-38-2	Arsenic	3.21	ug/L				6300	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	N	080716MW6GW	6020	7440-38-2	Arsenic, Dissolved	3.28	ug/L				6300	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	N	080716MW6GW	6020	7439-92-1	Lead	0.03	ug/L	U			15	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	N	080716MW6GW	6020	7439-92-1	Lead, Dissolved	0.03	ug/L	U			15	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	N	080716MW6GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	N	080716MW6GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	N	080716MW6GW	8260B	75-01-4	Vinyl chloride	0.17	ug/L	J			3.3	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	N	080716MW6GW	8270C	106-46-7	1,4-Dichlorobenzene	0.029	ug/L	U			25	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	N	080716MW6GW	8270C	100-02-7	4-Nitrophenol	0.28	ug/L	U			5800	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	N	080716MW6GW	8270C	85-01-8	Phenanthrene	0.022	ug/L	U			1800	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	N	080716MW6GW	8270C	108-95-2	Phenol	0.063	ug/L	U			5800	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	N	080716MW6GW	Krone	1002-53-5	Dibutyltin	0.0073	ug/L	U			6	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	N	080716MW6GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	N	080716MW6GW	NWTPH-Dx	TPH-D	Diesel Range Organics	470	ug/L				100	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	N	080716MW6GW	NWTPH-Dx	MOIL	Residual Range Organics	230	ug/L				300	
MW-06	723640.326	7834863.465	7/16/2008	25 - 30	WG	N	080716MW6GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	35	ug/L	J			14000	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	FD	081022MW26GW	6010B	7439-89-6	Iron	25200	ug/L				14000	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	FD	081022MW26GW	6010B	7439-89-6	Iron, Dissolved	25900	ug/L				14000	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	FD	081022MW26GW	6010B	7439-96-5	Manganese	3040	ug/L				3200000	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	FD	081022MW26GW	6010B	7439-96-5	Manganese, Dissolved	3120	ug/L				3200000	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	FD	081022MW26GW	6020	7440-38-2	Arsenic	3.56	ug/L				6300	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	FD	081022MW26GW	6020	7440-38-2	Arsenic, Dissolved	3.62	ug/L				6300	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	FD	081022MW26GW	6020	7439-92-1	Lead	0.006	ug/L	U			15	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	FD	081022MW26GW	6020	7439-92-1	Lead, Dissolved	0.00002	ug/L	U			15	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	FD	081022MW26GW	7470A	7439-97-6	Mercury	0.0002	ug/L	U			11	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	FD	081022MW26GW	7470A	7439-97-6	Mercury, Dissolved	0.0002	ug/L	U			11	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	FD	081022MW26GW	8260B	67-66-3	Chloroform	0.5	ug/L	U			5.9	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	FD	081022MW26GW	8260B	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	FD	081022MW26GW	8260B	75-01-4	Vinyl chloride	0.16	ug/L	J			3.3	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	FD	081022MW26GW	8270C	106-46-7	1,4-Dichlorobenzene	0.21	ug/L	UJ			25	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	FD	081022MW26GW	8270C	100-02-7	4-Nitrophenol	2.1	ug/L	U			5800	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	FD	081022MW26GW	8270C	85-01-8	Phenanthrene	0.21	ug/L	U			1800	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	FD	081022MW26GW	8270C	108-95-2	Phenol	0.53	ug/L	U			5800	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	FD	081022MW26GW	Krone	1002-53-5	Dibutyltin	0.05	ug/L	U			6	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	FD	081022MW26GW	Krone	78763-54-9	Monobutyltin	0.087	ug/L	U			3.7	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	FD	081022MW26GW	NWTPH-Dx	TPH-D	Diesel Range Organics	390	ug/L				100	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	FD	081022MW26GW	NWTPH-Dx	MOIL	Residual Range Organics	170	ug/L	U			300	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	FD	081022MW26GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	30	ug/L	J			14000	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	N	081022MW6GW	6010B	7439-89-6	Iron	26500	ug/L				14000	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	N	081022MW6GW	6010B	7439-89-6	Iron, Dissolved	25400	ug/L				14000	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	N	081022MW6GW	6010B	7439-96-5	Manganese	3180	ug/L				3200000	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	N	081022MW6GW	6010B	7439-96-5	Manganese, Dissolved	3110	ug/L				3200000	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	N	081022MW6GW	6020	7440-38-2	Arsenic	3.44	ug/L				6300	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	N	081022MW6GW	6020	7440-38-2	Arsenic, Dissolved	3.46	ug/L				6300	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	N	081022MW6GW	6020	7439-92-1	Lead	0.02	ug/L	U			15	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	N	081022MW6GW	6020	7439-92-1	Lead, Dissolved	0.02	ug/L	U			15	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	N	081022MW6GW	7470A	7439-97-6	Mercury	0.05	ug/L	U			11	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	N	081022MW6GW	7470A	7439-97-6	Mercury, Dissolved	0.05	ug/L	U			11	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	N	081022MW6GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	N	081022MW6GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	N	081022MW6GW	8260B	75-01-4	Vinyl chloride	0.16	ug/L	J			3.3	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	N	081022MW6GW	8270C	106-46-7	1,4-Dichlorobenzene	0.031	ug/L	UJ			25	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	N	081022MW6GW	8270C	100-02-7	4-Nitrophenol	0.3	ug/L	U			5800	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	N	081022MW6GW	8270C	85-01-8	Phenanthrene	0.023	ug/L	U			1800	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	N	081022MW6GW	8270C	108-95-2	Phenol	0.066	ug/L	U			5800	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	N	081022MW6GW	Krone	1002-53-5	Dibutyltin	0.0073	ug/L	U			6	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	N	081022MW6GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	N	081022MW6GW	NWTPH-Dx	TPH-D	Diesel Range Organics	400	ug/L				100	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	N	081022MW6GW	NWTPH-Dx	MOIL	Residual Range Organics	170	ug/L	U			300	
MW-06	723640.326	7834863.465	10/22/2008	25 - 30	WG	N	081022MW6GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	30	ug/L	J			14000	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	FD	090114MW26GW	6010B	7439-89-6	Iron	27600	ug/L				14000	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	FD	090114MW26GW	6010B	7439-89-6	Iron, Dissolved	26900	ug/L				14000	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	FD	090114MW26GW	6020	7440-38-2	Arsenic	2.9	ug/L				6300	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	FD	090114MW26GW	6020	7440-38-2	Arsenic, Dissolved	2.9	ug/L				6300	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	FD	090114MW26GW	6020	7439-92-1	Lead	0.008	ug/L	U			15	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	FD	090114MW26GW	6020	7439-92-1	Lead, Dissolved	0.00003	ug/L	U			15	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	FD	090114MW26GW	6020	7439-96-5	Manganese	5630	ug/L				3200000	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	FD	090114MW26GW	6020	7439-96-5	Manganese, Dissolved	5010	ug/L				3200000	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	FD	090114MW26GW	8260B	67-66-3	Chloroform	0.5	ug/L	U			5.9	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	FD	090114MW26GW	8260B	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	FD	090114MW26GW	8260B	75-01-4	Vinyl chloride	0.19	ug/L	J			3.3	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	FD	090114MW26GW	8270C	106-46-7	1,4-Dichlorobenzene	0.21	ug/L	U			25	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	FD	090114MW26GW	8270C	100-02-7	4-Nitrophenol	2.1	ug/L	U			5800	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	FD	090114MW26GW	8270C	85-01-8	Phenanthrene	0.21	ug/L	U			1800	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	FD	090114MW26GW	8270C	108-95-2	Phenol	0.51	ug/L	U			5800	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	FD	090114MW26GW	Krone	1002-53-5	Dibutyltin	0.05	ug/L	U			6	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	FD	090114MW26GW	Krone	78763-54-9	Monobutyltin	0.087	ug/L	U			3.7	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	FD	090114MW26GW	NWTPH-Dx	TPH-D	Diesel Range Organics	560	ug/L				100	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	FD	090114MW26GW	NWTPH-Dx	MOIL	Residual Range Organics	150	ug/L				300	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	FD	090114MW26GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	30	ug/L	J			14000	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	N	090114MW6GW	6010B	7439-89-6	Iron	28700	ug/L				14000	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	N	090114MW6GW	6010B	7439-89-6	Iron, Dissolved	27400	ug/L				14000	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	N	090114MW6GW	6020	7440-38-2	Arsenic	2.9	ug/L				6300	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	N	090114MW6GW	6020	7440-38-2	Arsenic, Dissolved	2.9	ug/L				6300	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	N	090114MW6GW	6020	7439-92-1	Lead	0.006	ug/L	U			15	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	N	090114MW6GW	6020	7439-92-1	Lead, Dissolved	0.03	ug/L	U			15	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	N	090114MW6GW	6020	7439-96-5	Manganese	5140	ug/L				3200000	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	N	090114MW6GW	6020	7439-96-5	Manganese, Dissolved	6080	ug/L				3200000	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	N	090114MW6GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	N	090114MW6GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	N	090114MW6GW	8260B	75-01-4	Vinyl chloride	0.22	ug/L	J			3.3	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	N	090114MW6GW	8270C	106-46-7	1,4-Dichlorobenzene	0.03	ug/L	U			25	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	N	090114MW6GW	8270C	100-02-7	4-Nitrophenol	0.29	ug/L	U			5800	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	N	090114MW6GW	8270C	85-01-8	Phenanthrene	0.023	ug/L	U			1800	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	N	090114MW6GW	8270C	108-95-2	Phenol	0.065	ug/L	U			5800	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	N	090114MW6GW	Krone	1002-53-5	Dibutyltin	0.0073	ug/L	U			6	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	N	090114MW6GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	N	090114MW6GW	NWTPH-Dx	TPH-D	Diesel Range Organics	470	ug/L				100	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	N	090114MW6GW	NWTPH-Dx	MOIL	Residual Range Organics	130	ug/L				300	
MW-06	723640.326	7834863.465	1/14/2009	25 - 30	WG	N	090114MW6GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	29	ug/L	J			14000	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.00113	ug/L				1.3	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	2051-60-7	PCB-1	0.000023	ug/L	J				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	33146-45-1	PCB-10	0.000041	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	39485-83-1	PCB-100	0.000041	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	37680-73-2	PCB-101	0.0000071	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	68194-06-9	PCB-102	0.000031	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	60145-21-3	PCB-103	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	56558-16-8	PCB-104	0.000031	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	32598-14-4	PCB-105	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	70424-69-0	PCB-106	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	70424-68-9	PCB-107	0.000031	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	70362-41-3	PCB-108	0.0001	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74472-35-8	PCB-109	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	2050-67-1	PCB-11	0.000019	ug/L	J				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	38380-03-9	PCB-110	0.0000053	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	39635-32-0	PCB-111	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74472-36-9	PCB-112	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	68194-10-5	PCB-113	0.0000071	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74472-37-0	PCB-114	0.000021	ug/L	U			2.9	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74472-38-1	PCB-115	0.0000053	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	18259-05-7	PCB-116	0.000051	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	68194-11-6	PCB-117	0.000051	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	31508-00-6	PCB-118	0.0000032	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	56558-17-9	PCB-119	0.0001	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	2974-92-7	PCB-12	0.000072	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	68194-12-7	PCB-120	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	56558-18-0	PCB-121	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	76842-07-4	PCB-122	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	65510-44-3	PCB-123	0.000021	ug/L	U			1.4	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	70424-70-3	PCB-124	0.000031	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74472-39-2	PCB-125	0.0001	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	57465-28-8	PCB-126	0.000021	ug/L	U			0.00042	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	39635-33-1	PCB-127	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	38380-07-3	PCB-128	0.0000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	55215-18-4	PCB-129	0.000028	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	2974-90-5	PCB-13	0.000072	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52663-66-8	PCB-130	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	61798-70-7	PCB-131	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	38380-05-1	PCB-132	0.0000069	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	35694-04-3	PCB-133	0.00001	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52704-70-8	PCB-134	0.000031	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52744-13-5	PCB-135	0.0000095	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	38411-22-2	PCB-136	0.0000025	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	35694-06-5	PCB-137	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	35065-28-2	PCB-138	0.000028	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	56030-56-9	PCB-139	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	34883-41-5	PCB-14	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	59291-64-4	PCB-140	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52712-04-6	PCB-141	0.0000081	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	41411-61-4	PCB-142	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	68194-15-0	PCB-143	0.000031	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	68194-14-9	PCB-144	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74472-40-5	PCB-145	0.00001	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	51908-16-8	PCB-146	0.0000023	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	68194-13-8	PCB-147	0.000019	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74472-41-6	PCB-148	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	38380-04-0	PCB-149	0.000019	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	2050-68-2	PCB-15	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	68194-08-1	PCB-150	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52663-63-5	PCB-151	0.0000095	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	68194-09-2	PCB-152	0.00001	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	35065-27-1	PCB-153	0.000025	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	60145-22-4	PCB-154	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	33979-03-2	PCB-155	0.000031	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	38380-08-4	PCB-156	0.0000023	ug/L	U			7	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	69782-90-7	PCB-157	0.0000023	ug/L	U			1.6	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74472-42-7	PCB-158	0.0000016	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	39635-35-3	PCB-159	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	38444-78-9	PCB-16	0.000026	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	41411-62-5	PCB-160	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74472-43-8	PCB-161	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	39635-34-2	PCB-162	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74472-44-9	PCB-163	0.000028	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74472-45-0	PCB-164	0.0000028	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74472-46-1	PCB-165	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	41411-63-6	PCB-166	0.0000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52663-72-6	PCB-167	0.00000089	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	59291-65-5	PCB-168	0.000025	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	32774-16-6	PCB-169	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	37680-66-3	PCB-17	0.00001	ug/L	J				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	35065-30-6	PCB-170	0.000023	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52663-71-5	PCB-171	0.0000063	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52663-74-8	PCB-172	0.000004	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	68194-16-1	PCB-173	0.0000063	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	38411-25-5	PCB-174	0.000024	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	40186-70-7	PCB-175	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52663-65-7	PCB-176	0.0000017	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52663-70-4	PCB-177	0.000012	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52663-67-9	PCB-178	0.0000023	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52663-64-6	PCB-179	0.0000048	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	37680-65-2	PCB-18	0.0000013	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	35065-29-3	PCB-180	0.000059	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74472-47-2	PCB-181	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	60145-23-5	PCB-182	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52663-69-1	PCB-183	0.000012	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74472-48-3	PCB-184	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52712-05-7	PCB-185	0.000031	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74472-49-4	PCB-186	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52663-68-0	PCB-187	0.000018	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74487-85-7	PCB-188	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	39635-31-9	PCB-189	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	38444-73-4	PCB-19	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	41411-64-7	PCB-190	0.0000046	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74472-50-7	PCB-191	0.00000084	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74472-51-8	PCB-192	0.00001	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	69782-91-8	PCB-193	0.000059	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	35694-08-7	PCB-194	0.000013	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52663-78-2	PCB-195	0.0000051	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	42740-50-1	PCB-196	0.0000077	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	33091-17-7	PCB-197	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	68194-17-2	PCB-198	0.000013	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52663-75-9	PCB-199	0.000013	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	2051-61-8	PCB-2	0.000026	ug/L	J				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	38444-84-7	PCB-20	0.0000031	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52663-73-7	PCB-200	0.0000018	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	40186-71-8	PCB-201	0.0000016	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	2136-99-4	PCB-202	0.0000017	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52663-76-0	PCB-203	0.0000081	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74472-52-9	PCB-204	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74472-53-0	PCB-205	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	40186-72-9	PCB-206	0.000004	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52663-79-3	PCB-207	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52663-77-1	PCB-208	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	2051-24-3	PCB-209	0.000031	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	55702-46-0	PCB-21	0.000002	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	38444-85-8	PCB-22	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	55720-44-0	PCB-23	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	55702-45-9	PCB-24	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	55712-37-3	PCB-25	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	38444-81-4	PCB-26	0.000041	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	38444-76-7	PCB-27	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	7012-37-5	PCB-28	0.0000031	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	15862-07-4	PCB-29	0.000041	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	2051-62-9	PCB-3	0.000067	ug/L	J				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	35693-92-6	PCB-30	0.0000013	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	16606-02-3	PCB-31	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	38444-77-8	PCB-32	0.00001	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	38444-86-9	PCB-33	0.000002	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	37680-68-5	PCB-34	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	37680-69-6	PCB-35	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	38444-87-0	PCB-36	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	38444-90-5	PCB-37	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	53555-66-1	PCB-38	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	38444-88-1	PCB-39	0.000031	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	13029-08-8	PCB-4	0.000041	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	38444-93-8	PCB-40	0.00000095	ug/L	J				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52663-59-9	PCB-41	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	36559-22-5	PCB-42	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	70362-46-8	PCB-43	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	41464-39-5	PCB-44	0.0000062	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	70362-45-7	PCB-45	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	41464-47-5	PCB-46	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	2437-79-8	PCB-47	0.0000062	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	70362-47-9	PCB-48	0.000021	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	41464-40-8	PCB-49	0.000001	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	16605-91-7	PCB-5	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	62796-65-0	PCB-50	0.000031	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	68194-04-7	PCB-51	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	35693-99-3	PCB-52	0.0000033	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	41464-41-9	PCB-53	0.000031	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	15968-05-5	PCB-54	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74338-24-2	PCB-55	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	41464-43-1	PCB-56	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	70424-67-8	PCB-57	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	41464-49-7	PCB-58	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74472-33-6	PCB-59	0.000051	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	25569-80-6	PCB-6	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	33025-41-1	PCB-60	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	33284-53-6	PCB-61	0.0000029	ug/L	J				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	54230-22-7	PCB-62	0.000051	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74472-34-7	PCB-63	0.000031	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52663-58-8	PCB-64	0.0000012	ug/L	J				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	33284-54-7	PCB-65	0.0000062	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	32598-10-0	PCB-66	0.000001	ug/L	J				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	73575-53-8	PCB-67	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	73575-52-7	PCB-68	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	60233-24-1	PCB-69	0.000001	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	33284-50-3	PCB-7	0.000026	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	32598-11-1	PCB-70	0.0000029	ug/L	J				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	41464-46-4	PCB-71	0.00000095	ug/L	J				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	41464-42-0	PCB-72	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	74338-23-1	PCB-73	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	32690-93-0	PCB-74	0.0000029	ug/L	J				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	32598-12-2	PCB-75	0.000051	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	70362-48-0	PCB-76	0.0000029	ug/L	J				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	32598-13-3	PCB-77	0.000021	ug/L	U			0.006	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	70362-49-1	PCB-78	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	41464-48-6	PCB-79	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	34883-43-7	PCB-8	0.000026	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	33284-52-5	PCB-80	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	70362-50-4	PCB-81	0.000021	ug/L	U			0.12	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52663-62-4	PCB-82	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	60145-20-2	PCB-83	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52663-60-2	PCB-84	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	65510-45-4	PCB-85	0.000051	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	55312-69-1	PCB-86	0.0001	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	38380-02-8	PCB-87	0.0001	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	55215-17-3	PCB-88	0.000041	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	73575-57-2	PCB-89	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	34883-39-1	PCB-9	0.000026	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	68194-07-0	PCB-90	0.0000071	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	68194-05-8	PCB-91	0.000041	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	52663-61-3	PCB-92	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	73575-56-1	PCB-93	0.000041	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	73575-55-0	PCB-94	0.000031	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	38379-99-6	PCB-95	0.0000043	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	73575-54-9	PCB-96	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	41464-51-1	PCB-97	0.0001	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	60233-25-2	PCB-98	0.000031	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	1668C	38380-01-7	PCB-99	0.000021	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	NWTPH-DX	TPH-D	Diesel Range Organics	830	ug/L				100	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	NWTPH-DX	MOIL	Residual Range Organics	1100	ug/L				300	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	NWTPH-GX	TPH-G	Gasoline Range Organics	40	ug/L	U			14000	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	ORGANOTINS	1002-53-5	Dibutyltin	0.16	ug/L	U			6	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	MW-6-GW	ORGANOTINS	1461-25-2	Tetrabutyltin	0.21	ug/L	U			3.7	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7429-90-5	Aluminum	141	ug/L	U			20000	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7440-36-0	Antimony	5.06	ug/L	U			7.8	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7440-38-2	Arsenic	7.85	ug/L	J			6300	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7440-39-3	Barium	27.3	ug/L				4000	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7440-41-7	Beryllium	2	ug/L	U			270000	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7440-69-9	Bismuth	83.9	ug/L					
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7440-43-9	Cadmium	2	ug/L	U			130000	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7440-70-2	Calcium	190000	ug/L					
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7440-47-3	Chromium	10	ug/L	U			30000	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7440-48-4	Cobalt	10	ug/L	U			6	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7440-50-8	Copper	10	ug/L	U			5400000	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7440-69-9	Germanium	112	ug/L					
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7440-74-6	Indium	92.4	ug/L					
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7439-89-6	Iron	225	ug/L	J			14000	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7439-92-1	Lead	5	ug/L	U			15	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7439-93-2	Lithium	112	ug/L					
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7439-95-4	Magnesium	15000	ug/L					
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7439-96-5	Manganese	229	ug/L				3200000	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7440-02-0	Nickel	10	ug/L	U			400	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7440-09-7	Potassium	11300	ug/L					
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7440-20-2	Scandium	116	ug/L					
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7782-49-2	Selenium	10	ug/L	U			100	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7440-22-4	Silver	1	ug/L	U			1100000	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7440-23-5	Sodium	888000	ug/L					
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	15492-51-0	Terbium	94.7	ug/L					
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7440-28-0	Thallium	1	ug/L	U			0.2	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7440-62-2	Vanadium	5	ug/L				86	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7440-65-5	Yttrium	110	ug/L					
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW6020B	7440-66-6	Zinc	15	ug/L	J			6000	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW7470A	7439-97-6	Mercury	0.4	ug/L	U			11	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	53-19-0	2,4-DDD	0.0105	ug/L	UJ				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	3424-82-6	2,4-DDE	0.0105	ug/L	UJ				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	789-02-6	2,4-DDT	0.0105	ug/L	UJ				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	72-54-8	4,4'-DDD	0.0106	ug/L	U			3.2	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	72-55-9	4,4'-DDE	0.0213	ug/L	U			310	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	50-29-3	4,4'-DDT	0.0532	ug/L	U			0.23	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	309-00-2	Aldrin	0.0213	ug/L	U			3.5	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	319-84-6	alpha-BHC	0.0213	ug/L	U			18	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	5103-71-9	alpha-Chlordane	0.0266	ug/L	U			0.45	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	319-85-7	beta-BHC	0.0213	ug/L	U			0.025	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	319-86-8	delta-BHC	0.0213	ug/L	U			0.0072	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	60-57-1	Dieldrin	0.0213	ug/L	U			2.4	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	959-98-8	Endosulfan I	0.0213	ug/L	U			98	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	33213-65-9	Endosulfan II	0.0213	ug/L	U			98	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	1031-07-8	Endosulfan sulfate	0.0266	ug/L	U			98	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	72-20-8	Endrin	0.0213	ug/L	U			170	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	7421-93-4	Endrin aldehyde	0.0266	ug/L	U			170	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	53494-70-5	Endrin ketone	0.0213	ug/L	U			170	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	58-89-9	gamma-BHC (Lindane)	0.0213	ug/L	U			100	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	5103-74-2	gamma-Chlordane	0.0266	ug/L	U			0.45	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	76-44-8	Heptachlor	0.0213	ug/L	U			1.8	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	1024-57-3	Heptachlor epoxide	0.0213	ug/L	U			3.2	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	72-43-5	Methoxychlor	0.0532	ug/L	U			37	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	27304-13-8	Oxychlordane	0.0105	ug/L	UJ				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8081B	8001-35-2	Toxaphene	0.973	ug/L	J			18	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	630-20-6	1,1,1,2-Tetrachloroethane	0.2	ug/L	U			36	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	79-34-5	1,1,2,2-Tetrachloroethane	0.2	ug/L	U			30	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	79-00-5	1,1,2-Trichloroethane	0.2	ug/L	U			44	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	75-34-3	1,1-Dichloroethane	0.2	ug/L	U			55	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	96-18-4	1,2,3-Trichloropropane	0.2	ug/L	U			200	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	95-63-6	1,2,4-Trimethylbenzene	0.2	ug/L	U			2400	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	106-93-4	1,2-Dibromoethane (EDB)	0.2	ug/L	U			1.5	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	107-06-2	1,2-Dichloroethane	0.3	ug/L	U			18	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	78-87-5	1,2-Dichloropropane	0.3	ug/L	U			52	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	106-46-7	1,4-Dichlorobenzene	0.2	ug/L	U			25	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	594-20-7	2,2-Dichloropropane	0.2	ug/L	U			52	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	71-43-2	Benzene	0.2	ug/L	U			12	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	74-97-5	Bromochloromethane	0.2	ug/L	U			450	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	75-27-4	Bromodichloromethane	0.2	ug/L	U			6.9	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	56-23-5	Carbon tetrachloride	0.2	ug/L	U			3.1	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	67-66-3	Chloroform	0.3	ug/L	U			5.9	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	156-59-2	cis-1,2-Dichloroethene	0.3	ug/L	U			1800	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	10061-01-5	cis-1,3-Dichloropropene	0.2	ug/L	U			40	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	124-48-1	Dibromochloromethane	0.2	ug/L	U			610	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	74-95-3	Dibromomethane	0.2	ug/L	U			950	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	87-68-3	Hexachlorobutadiene	0.2	ug/L	U			3.3	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	98-82-8	Isopropylbenzene	0.2	ug/L	U			9100	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	103-65-1	n-Propylbenzene	0.2	ug/L	U			22000	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	10061-02-6	trans-1,3-Dichloropropene	0.2	ug/L	U			21	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	79-01-6	Trichloroethene	0.2	ug/L	U			7.4	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8260B/D	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D	1319-77-3	3 & 4-Methylphenol	0.529	ug/L	U			370	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D	91-94-1	3,3'-Dichlorobenzidine	10.6	ug/L	U			0.17	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D	100-02-7	4-Nitrophenol	5.29	ug/L	U			5800	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D	92-87-5	Benzidine	42.3	ug/L	U			17	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D	111-44-4	Bis (2-chloroethyl) ether	0.529	ug/L	U			140	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D	85-68-7	Butyl benzylphthalate	0.529	ug/L	U			16	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D	86-74-8	Carbazole	0.529	ug/L	U			7.9	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D	132-64-9	Dibenzofuran	0.317	ug/L	U			7.9	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D	84-74-2	Di-n-butylphthalate	6.35	ug/L	U			900	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D	117-84-0	Di-n-octylphthalate	5.29	ug/L	U			200	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D	118-74-1	Hexachlorobenzene	0.529	ug/L	U			1.3	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D	62-75-9	N-Nitrosodimethylamine	0.529	ug/L	U			25	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	1.06	ug/L	U			370	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D	108-95-2	Phenol	0.529	ug/L	U			5800	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D SIM	91-57-6	2-Methylnaphthalene	0.047	ug/L	U			36	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D SIM	83-32-9	Acenaphthene	0.047	ug/L	U			510	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D SIM	208-96-8	Acenaphthylene	0.047	ug/L	U			20	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D SIM	120-12-7	Anthracene	0.047	ug/L	U			1800	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D SIM	56-55-3	Benzo(a)anthracene	0.0939	ug/L	U			2300	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D SIM	50-32-8	Benzo(a)pyrene	0.0704	ug/L	U			0.025	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D SIM	205-99-2	Benzo(b)fluoranthene	0.0704	ug/L	U			0.25	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D SIM	191-24-2	Benzo(g,h,i)perylene	0.0939	ug/L	U			120	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D SIM	207-08-9	Benzo(k)fluoranthene	0.0939	ug/L	U			2.5	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D SIM	117-81-7	Bis (2-ethylhexyl) phthalate	1.17	ug/L	U			5.6	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D SIM	218-01-9	Chrysene	0.141	ug/L	U			25	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D SIM	53-70-3	Dibenzo(a,h)anthracene	0.141	ug/L	U			0.025	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D SIM	206-44-0	Fluoranthene	0.0939	ug/L	U			800	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D SIM	86-73-7	Fluorene	0.047	ug/L	U			280	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0939	ug/L	U			0.25	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D SIM	91-20-3	Naphthalene	0.0939	ug/L	U			20	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D SIM	85-01-8	Phenanthrene	0.141	ug/L	U			1800	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	SW8270D SIM	129-00-0	Pyrene	0.0704	ug/L	U			110	
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.2383	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.9627	ug/L	U				
MW-06	723640.326	7834863.465	4/6/2022	25 - 30	WG	N	22D0352-02	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.5168	ug/L	U				
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8081 Pest	72-54-8	4,4'-DDD	0.00208	ug/L	U			3.2	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8081 Pest	72-55-9	4,4'-DDE	0.00208	ug/L	U			310	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8081 Pest	50-29-3	4,4'-DDT	0.00208	ug/L	U			0.23	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8081 Pest	309-00-2	Aldrin	0.00104	ug/L	U			3.5	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8081 Pest	319-84-6	alpha-BHC	0.00104	ug/L	U			18	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8081 Pest	319-85-7	beta-BHC	0.00104	ug/L	U			0.025	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8081 Pest	319-86-8	delta-BHC	0.00104	ug/L	U			0.0072	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8081 Pest	60-57-1	Dieldrin	0.00208	ug/L	U			2.4	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8081 Pest	959-98-8	Endosulfan I	0.00104	ug/L	U			98	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8081 Pest	33213-65-9	Endosulfan II	0.00208	ug/L	U			98	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.00208	ug/L	U			98	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8081 Pest	72-20-8	Endrin	0.00208	ug/L	U			170	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8081 Pest	7421-93-4	Endrin aldehyde	0.00208	ug/L	U			170	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8081 Pest	53494-70-5	Endrin ketone	0.00208	ug/L	U			170	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.00104	ug/L	U			100	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8081 Pest	76-44-8	Heptachlor	0.00104	ug/L	U			1.8	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.00104	ug/L	U			3.2	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8081 Pest	72-43-5	Methoxychlor	0.0104	ug/L	U			37	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8081 Pest	12789-03-6	technical-Chlordane	0.0104	ug/L	U			670	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8081 Pest	8001-35-2	Toxaphene	0.104	ug/L	U			18	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8082	12674-11-2	Aroclor-1016	0.00233	ug/L	U			75	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8082	11104-28-2	Aroclor-1221	0.00579	ug/L	U			2.3	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8082	11141-16-5	Aroclor-1232	0.00275	ug/L	U			0.71	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8082	53469-21-9	Aroclor-1242	0.00382	ug/L	U			5.8	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8082	12672-29-6	Aroclor-1248	0.00181	ug/L	U			1.2	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8082	11097-69-1	Aroclor-1254	0.00233	ug/L	U			7.2	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8082	11096-82-5	Aroclor-1260	0.00127	ug/L	U			1.6	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8151	93-76-5	2,4,5-T	0.0566	ug/L	U			160	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8151	93-72-1	2,4,5-TP (Silvex)	0.0227	ug/L	U			110	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8151	94-75-7	2,4-D	0.0296	ug/L	U			77000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8151	94-82-6	2,4-DB	0.0577	ug/L	U				
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8151	120-36-5	2,4-DP (Dichloroprop)	0.0114	ug/L	U				
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8151	100-02-7	4-Nitrophenol	0.0114	ug/L	U			5800	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8151	75-99-0	Dalapon	0.0124	ug/L	U			600	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8151	1918-00-9	Dicamba	0.0221	ug/L	U			570	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8151	88-85-7	Dinoseb	0.0292	ug/L	U			15	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8151	94-74-6	MCPA	0.0114	ug/L	U			1700	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8151	93-65-2	MCPP	0.0134	ug/L	U			16	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.5	ug/L	U			36	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	71-55-6	1,1,1-Trichloroethane	0.5	ug/L	U			53000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.5	ug/L	U			30	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	79-00-5	1,1,2-Trichloroethane	0.5	ug/L	U			44	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	75-34-3	1,1-Dichloroethane	0.5	ug/L	U			55	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	75-35-4	1,1-Dichloroethene	0.5	ug/L	U			1300	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	563-58-6	1,1-Dichloropropene	0.5	ug/L	U			40	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	87-61-6	1,2,3-Trichlorobenzene	0.5	ug/L	U			7	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	96-18-4	1,2,3-Trichloropropane	0.5	ug/L	U			200	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	95-63-6	1,2,4-Trimethylbenzene	0.5	ug/L	U			2400	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	106-93-4	1,2-Dibromoethane (EDB)	0.5	ug/L	U			1.5	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	107-06-2	1,2-Dichloroethane	0.5	ug/L	U			18	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	78-87-5	1,2-Dichloropropane	0.5	ug/L	U			52	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	108-67-8	1,3,5-Trimethylbenzene	0.5	ug/L	U			1700	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	142-28-9	1,3-Dichloropropane	0.5	ug/L	U			370	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	594-20-7	2,2-Dichloropropane	0.5	ug/L	U			52	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	95-49-8	2-Chlorotoluene	0.5	ug/L	U			240	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	591-78-6	2-Hexanone	2.5	ug/L	U			72000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	106-43-4	4-Chlorotoluene	0.5	ug/L	U			250	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	67-64-1	Acetone	8.39	ug/L				18000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	71-43-2	Benzene	0.5	ug/L	U			12	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	108-86-1	Bromobenzene	0.5	ug/L	U			6300	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	74-97-5	Bromochloromethane	0.5	ug/L	U			450	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	75-27-4	Bromodichloromethane	0.5	ug/L	U			6.9	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	75-25-2	Bromoform	0.5	ug/L	U			1100	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	56-23-5	Carbon tetrachloride	0.5	ug/L	U			3.1	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	108-90-7	Chlorobenzene	0.5	ug/L	U			3400	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	75-00-3	Chloroethane	0.5	ug/L	U			57000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	67-66-3	Chloroform	0.5	ug/L	U			5.9	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	74-87-3	Chloromethane	0.5	ug/L	U			1500	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	156-59-2	cis-1,2-Dichloroethene	0.791	ug/L	J			1800	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	10061-01-5	cis-1,3-Dichloropropene	0.5	ug/L	U			40	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	124-48-1	Dibromochloromethane	0.5	ug/L	U			610	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	74-95-3	Dibromomethane	0.5	ug/L	U			950	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	75-71-8	Dichlorodifluoromethane	0.5	ug/L	U			41	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	100-41-4	Ethylbenzene	0.5	ug/L	U			31	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	98-82-8	Isopropylbenzene	0.5	ug/L	U			9100	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	78-93-3	MEK (2-Butanone)	2.5	ug/L	U			17000000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	75-09-2	Methylene chloride	0.5	ug/L	U			15000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	2.5	ug/L	U			4600000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	104-51-8	n-Butylbenzene	0.5	ug/L	U			1000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	103-65-1	n-Propylbenzene	0.5	ug/L	U			22000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	95-47-6	o-Xylene	0.5	ug/L	U			4300	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	99-87-6	p-Cymene	0.5	ug/L	U			9100	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	135-98-8	sec-Butylbenzene	0.5	ug/L	U			2000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	100-42-5	Styrene	0.5	ug/L	U			84000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	98-06-6	tert-Butylbenzene	0.5	ug/L	U			690	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	108-88-3	Toluene	0.5	ug/L	U			150000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	156-60-5	trans-1,2-Dichloroethene	0.5	ug/L	U			457	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	10061-02-6	trans-1,3-Dichloropropene	0.5	ug/L	U			21	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	79-01-6	Trichloroethene	0.5	ug/L	U			7.4	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	75-69-4	Trichlorofluoromethane	0.5	ug/L	U			160000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	108-05-4	Vinyl acetate	2.5	ug/L	U			80000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8260	75-01-4	Vinyl chloride	0.507	ug/L	J			3.3	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	120-82-1	1,2,4-Trichlorobenzene	0.017	ug/L	U			380	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	95-50-1	1,2-Dichlorobenzene	0.017	ug/L	U			25000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	541-73-1	1,3-Dichlorobenzene	0.0181	ug/L	U			25	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	106-46-7	1,4-Dichlorobenzene	0.016	ug/L	U			25	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	95-95-4	2,4,5-Trichlorophenol	0.0117	ug/L	U			1200	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	88-06-2	2,4,6-Trichlorophenol	0.0128	ug/L	U			1700	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	120-83-2	2,4-Dichlorophenol	0.016	ug/L	U			46	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	105-67-9	2,4-Dimethylphenol	0.016	ug/L	U			360	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	51-28-5	2,4-Dinitrophenol	0.0319	ug/L	U			39	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	121-14-2	2,4-Dinitrotoluene	0.0138	ug/L	U			0.24	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	606-20-2	2,6-Dinitrotoluene	0.0213	ug/L	U			830	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	91-58-7	2-Chloronaphthalene	0.0016	ug/L	U			750	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	95-57-8	2-Chlorophenol	0.0181	ug/L	U			91	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	91-57-6	2-Methylnaphthalene	0.0939	ug/L	J			36	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	95-48-7	2-Methylphenol	0.0256	ug/L	U			930	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	88-74-4	2-Nitroaniline	0.0192	ug/L	U			190	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	88-75-5	2-Nitrophenol	0.0234	ug/L	U			5800	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	91-94-1	3,3'-Dichlorobenzidine	0.0383	ug/L	U			0.17	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	99-09-2	3-Nitroaniline	0.0351	ug/L	U			190	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.0234	ug/L	U			1.5	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	101-55-3	4-Bromophenyl phenyl ether	0.0128	ug/L	U				
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	59-50-7	4-Chloro-3-methylphenol	0.0575	ug/L	U			1400	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	106-47-8	4-Chloroaniline	0.0415	ug/L	U			0.37	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.016	ug/L	U				
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	106-44-5	4-Methylphenol	0.0245	ug/L	U			370	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	100-01-6	4-Nitroaniline	0.0224	ug/L	U			3.8	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	83-32-9	Acenaphthene	0.0017	ug/L	U			510	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	208-96-8	Acenaphthylene	0.0016	ug/L	U			20	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	62-53-3	Aniline	0.0532	ug/L	U			13	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	120-12-7	Anthracene	0.0016	ug/L	U			1800	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	92-87-5	Benzidine	0.0252	ug/L	U			17	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	56-55-3	Benzo(a)anthracene	0.00426	ug/L	U			2300	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	50-32-8	Benzo(a)pyrene	0.00501	ug/L	U			0.025	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	191-24-2	Benzo(g,h,i)perylene	0.00362	ug/L	U			120	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	56832-73-6	Benzofluoranthenes, Total	0.00405	ug/L	U				
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	65-85-0	Benzoic acid	0.0213	ug/L	U			75000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	100-51-6	Benzyl alcohol	0.0341	ug/L	U			2000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	111-91-1	Bis (2-chloroethoxy) methane	0.0192	ug/L	U			59	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	111-44-4	Bis (2-chloroethyl) ether	0.0202	ug/L	U			140	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	0.0692	ug/L	U			5.6	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.0224	ug/L	U			710	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	85-68-7	Butyl benzylphthalate	0.199	ug/L	U			16	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	86-74-8	Carbazole	0.00298	ug/L	U			7.9	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	218-01-9	Chrysene	0.00266	ug/L	U			25	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	53-70-3	Dibenzo(a,h)anthracene	0.00288	ug/L	U			0.025	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	132-64-9	Dibenzofuran	0.0149	ug/L	U			7.9	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	84-66-2	Diethyl phthalate	0.0618	ug/L	U			15000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	131-11-3	Dimethyl phthalate	0.017	ug/L	U			15000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	84-74-2	Di-n-butylphthalate	0.246	ug/L	U			900	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	117-84-0	Di-n-octylphthalate	0.0362	ug/L	U			200	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	206-44-0	Fluoranthene	0.00202	ug/L	U			800	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	86-73-7	Fluorene	0.00149	ug/L	U			280	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	118-74-1	Hexachlorobenzene	0.0213	ug/L	U			1.3	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	87-68-3	Hexachlorobutadiene	0.0309	ug/L	U			3.3	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	77-47-4	Hexachlorocyclopentadiene	0.0277	ug/L	U			48	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	67-72-1	Hexachloroethane	0.0426	ug/L	U			7	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	0.00319	ug/L	U			0.25	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	78-59-1	Isophorone	0.0192	ug/L	U			78	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	91-20-3	Naphthalene	0.00234	ug/L	U			20	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	98-95-3	Nitrobenzene	0.0479	ug/L	U			800	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	62-75-9	N-Nitrosodimethylamine	0.0351	ug/L	U			25	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	621-64-7	N-Nitrosodi-n-propylamine	0.0224	ug/L	U			370	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	86-30-6	N-Nitrosodiphenylamine	0.0106	ug/L	U			12	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	87-86-5	Pentachlorophenol	0.0181	ug/L	U			53	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	85-01-8	Phenanthrene	0.00234	ug/L	U			1800	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	108-95-2	Phenol	0.0341	ug/L	U			5800	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	8270	129-00-0	Pyrene	0.00149	ug/L	U			110	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	Krone	1002-53-5	Dibutyltin	0.00115	ug/L	U			6	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	Krone	78763-54-9	Monobutyltin	0.0011	ug/L	U			3.7	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	Krone	1461-25-2	Tetrabutyltin	0.00115	ug/L	U			3.7	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	Krone	688-73-3	Tributyltin	0.00163	ug/L	U			3.7	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	METALS	7440-36-0	Antimony	0.586	ug/L	J			7.8	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	METALS	7440-38-2	Arsenic	17.5	ug/L				6300	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	METALS	7440-39-3	Barium	174	ug/L				4000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	METALS	7440-41-7	Beryllium	0.344	ug/L	J			270000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	METALS	7440-43-9	Cadmium	0.026	ug/L	J			130000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	METALS	7440-47-3	Chromium	7.51	ug/L				30000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	METALS	7440-50-8	Copper	47	ug/L				5400000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	METALS	7439-89-6	Iron	42900	ug/L				14000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	METALS	7439-92-1	Lead	4.13	ug/L				15	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	METALS	7439-96-5	Manganese	2440	ug/L				3200000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	METALS	7439-97-6	Mercury	0.131	ug/L	U			11	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	METALS	7440-02-0	Nickel	14.4	ug/L				400	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	METALS	7782-49-2	Selenium	0.539	ug/L	J			100	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	METALS	7440-22-4	Silver	0.131	ug/L				1100000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	METALS	7440-28-0	Thallium	0.323	ug/L	J			0.2	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	METALS	7440-66-6	Zinc	54.8	ug/L				6000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	NWTPH-Dx	TPH-D	Diesel Range Organics	567	ug/L				100	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	NWTPH-Dx	MOIL	Residual Range Organics	708	ug/L				300	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	281	ug/L				14000	
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.02513	ug/L	U				
MW-07	723633.896	7834790.763	5/3/2002	5.24 - 30.24	WG	N	020503BIL10GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.1055	ug/L					
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	300.0	24959-67-9	Bromide	10	ug/L	U				
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	6010B	7440-70-2	Calcium, Dissolved	42600	ug/L					
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	6010B	7439-89-6	Iron	29300	ug/L				14000	
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	6010B	7439-89-6	Iron, Dissolved	25300	ug/L				14000	
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	6010B	7439-95-4	Magnesium, Dissolved	16800	ug/L					
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	6010B	7440-09-7	Potassium, Dissolved	3170	ug/L					
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	6010B	7440-23-5	Sodium, Dissolved	7180	ug/L					
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	6020	7440-38-2	Arsenic	15.8	ug/L				6300	
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	6020	7440-38-2	Arsenic, Dissolved	10.7	ug/L				6300	
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	6020	7439-92-1	Lead	0.258	ug/L				15	
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	6020	7439-92-1	Lead, Dissolved	0.009	ug/L	U			15	
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	6020	7439-96-5	Manganese	1430	ug/L				3200000	
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	6020	7439-96-5	Manganese, Dissolved	1440	ug/L				3200000	
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	8260B	75-01-4	Vinyl chloride	0.94	ug/L				3.3	
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	8270C	106-46-7	1,4-Dichlorobenzene	0.033	ug/L	U			25	
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	8270C	100-02-7	4-Nitrophenol	0.32	ug/L	U			5800	
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	8270C	85-01-8	Phenanthrene	0.025	ug/L	U			1800	
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	8270C	108-95-2	Phenol	0.07	ug/L	U			5800	
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	Krone	1002-53-5	Dibutyltin	0.0081	ug/L	U			6	
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	Krone	78763-54-9	Monobutyltin	0.011	ug/L	U			3.7	
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	NWTPH-Dx	TPH-D	Diesel Range Organics	120	ug/L	U			100	
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	NWTPH-Dx	MOIL	Residual Range Organics	120	ug/L	U			300	
MW-07	723633.896	7834790.763	4/16/2008	5.24 - 30.24	WG	N	080416MW7 GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	J			14000	
MW-07	723633.896	7834790.763	7/17/2008	5.24 - 30.24	WG	N	080717MW07GW	6010B	7439-89-6	Iron	30700	ug/L				14000	
MW-07	723633.896	7834790.763	7/17/2008	5.24 - 30.24	WG	N	080717MW07GW	6010B	7439-89-6	Iron, Dissolved	27900	ug/L				14000	
MW-07	723633.896	7834790.763	7/17/2008	5.24 - 30.24	WG	N	080717MW07GW	6010B	7439-96-5	Manganese	1710	ug/L				3200000	
MW-07	723633.896	7834790.763	7/17/2008	5.24 - 30.24	WG	N	080717MW07GW	6010B	7439-96-5	Manganese, Dissolved	1650	ug/L				3200000	
MW-07	723633.896	7834790.763	7/17/2008	5.24 - 30.24	WG	N	080717MW07GW	6020	7440-38-2	Arsenic	16.8	ug/L				6300	
MW-07	723633.896	7834790.763	7/17/2008	5.24 - 30.24	WG	N	080717MW07GW	6020	7440-38-2	Arsenic, Dissolved	14.7	ug/L				6300	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-07	723633.896	7834790.763	7/17/2008	5.24 - 30.24	WG	N	080717MW07GW	6020	7439-92-1	Lead	0.136	ug/L	U			15	
MW-07	723633.896	7834790.763	7/17/2008	5.24 - 30.24	WG	N	080717MW07GW	6020	7439-92-1	Lead, Dissolved	0.006	ug/L	U			15	
MW-07	723633.896	7834790.763	7/17/2008	5.24 - 30.24	WG	N	080717MW07GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-07	723633.896	7834790.763	7/17/2008	5.24 - 30.24	WG	N	080717MW07GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-07	723633.896	7834790.763	7/17/2008	5.24 - 30.24	WG	N	080717MW07GW	8260B	75-01-4	Vinyl chloride	0.88	ug/L				3.3	
MW-07	723633.896	7834790.763	7/17/2008	5.24 - 30.24	WG	N	080717MW07GW	8270C	106-46-7	1,4-Dichlorobenzene	0.029	ug/L	U			25	
MW-07	723633.896	7834790.763	7/17/2008	5.24 - 30.24	WG	N	080717MW07GW	8270C	100-02-7	4-Nitrophenol	0.28	ug/L	U			5800	
MW-07	723633.896	7834790.763	7/17/2008	5.24 - 30.24	WG	N	080717MW07GW	8270C	85-01-8	Phenanthrene	0.022	ug/L	U			1800	
MW-07	723633.896	7834790.763	7/17/2008	5.24 - 30.24	WG	N	080717MW07GW	8270C	108-95-2	Phenol	0.063	ug/L	U			5800	
MW-07	723633.896	7834790.763	7/17/2008	5.24 - 30.24	WG	N	080717MW07GW	Krone	1002-53-5	Dibutyltin	0.13	ug/L	J			6	
MW-07	723633.896	7834790.763	7/17/2008	5.24 - 30.24	WG	N	080717MW07GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	UJ			3.7	
MW-07	723633.896	7834790.763	7/17/2008	5.24 - 30.24	WG	N	080717MW07GW	NWTPH-Dx	TPH-D	Diesel Range Organics	110	ug/L	U			100	
MW-07	723633.896	7834790.763	7/17/2008	5.24 - 30.24	WG	N	080717MW07GW	NWTPH-Dx	MOIL	Residual Range Organics	110	ug/L	U			300	
MW-07	723633.896	7834790.763	7/17/2008	5.24 - 30.24	WG	N	080717MW07GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-07	723633.896	7834790.763	10/21/2008	5.24 - 30.24	WG	N	081021MW7GW	6010B	7439-89-6	Iron	36600	ug/L				14000	
MW-07	723633.896	7834790.763	10/21/2008	5.24 - 30.24	WG	N	081021MW7GW	6010B	7439-89-6	Iron, Dissolved	35400	ug/L				14000	
MW-07	723633.896	7834790.763	10/21/2008	5.24 - 30.24	WG	N	081021MW7GW	6010B	7439-96-5	Manganese	2000	ug/L				3200000	
MW-07	723633.896	7834790.763	10/21/2008	5.24 - 30.24	WG	N	081021MW7GW	6010B	7439-96-5	Manganese, Dissolved	1940	ug/L				3200000	
MW-07	723633.896	7834790.763	10/21/2008	5.24 - 30.24	WG	N	081021MW7GW	6020	7440-38-2	Arsenic	17.4	ug/L				6300	
MW-07	723633.896	7834790.763	10/21/2008	5.24 - 30.24	WG	N	081021MW7GW	6020	7440-38-2	Arsenic, Dissolved	15.7	ug/L				6300	
MW-07	723633.896	7834790.763	10/21/2008	5.24 - 30.24	WG	N	081021MW7GW	6020	7439-92-1	Lead	0.038	ug/L	U			15	
MW-07	723633.896	7834790.763	10/21/2008	5.24 - 30.24	WG	N	081021MW7GW	6020	7439-92-1	Lead, Dissolved	0.02	ug/L	U			15	
MW-07	723633.896	7834790.763	10/21/2008	5.24 - 30.24	WG	N	081021MW7GW	7470A	7439-97-6	Mercury	0.05	ug/L	U			11	
MW-07	723633.896	7834790.763	10/21/2008	5.24 - 30.24	WG	N	081021MW7GW	7470A	7439-97-6	Mercury, Dissolved	0.05	ug/L	U			11	
MW-07	723633.896	7834790.763	10/21/2008	5.24 - 30.24	WG	N	081021MW7GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-07	723633.896	7834790.763	10/21/2008	5.24 - 30.24	WG	N	081021MW7GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-07	723633.896	7834790.763	10/21/2008	5.24 - 30.24	WG	N	081021MW7GW	8260B	75-01-4	Vinyl chloride	0.34	ug/L	J			3.3	
MW-07	723633.896	7834790.763	10/21/2008	5.24 - 30.24	WG	N	081021MW7GW	8270C	106-46-7	1,4-Dichlorobenzene	0.032	ug/L	U			25	
MW-07	723633.896	7834790.763	10/21/2008	5.24 - 30.24	WG	N	081021MW7GW	8270C	100-02-7	4-Nitrophenol	0.31	ug/L	U			5800	
MW-07	723633.896	7834790.763	10/21/2008	5.24 - 30.24	WG	N	081021MW7GW	8270C	85-01-8	Phenanthrene	0.024	ug/L	U			1800	
MW-07	723633.896	7834790.763	10/21/2008	5.24 - 30.24	WG	N	081021MW7GW	8270C	108-95-2	Phenol	0.069	ug/L	U			5800	
MW-07	723633.896	7834790.763	10/21/2008	5.24 - 30.24	WG	N	081021MW7GW	Krone	1002-53-5	Dibutyltin	0.0073	ug/L	U			6	
MW-07	723633.896	7834790.763	10/21/2008	5.24 - 30.24	WG	N	081021MW7GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-07	723633.896	7834790.763	10/21/2008	5.24 - 30.24	WG	N	081021MW7GW	NWTPH-Dx	TPH-D	Diesel Range Organics	97	ug/L	J			100	
MW-07	723633.896	7834790.763	10/21/2008	5.24 - 30.24	WG	N	081021MW7GW	NWTPH-Dx	MOIL	Residual Range Organics	130	ug/L	U			300	
MW-07	723633.896	7834790.763	10/21/2008	5.24 - 30.24	WG	N	081021MW7GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-07	723633.896	7834790.763	1/12/2009	5.24 - 30.24	WG	N	090112MW7GW	6010B	7439-89-6	Iron	35700	ug/L				14000	
MW-07	723633.896	7834790.763	1/12/2009	5.24 - 30.24	WG	N	090112MW7GW	6010B	7439-89-6	Iron, Dissolved	33800	ug/L				14000	
MW-07	723633.896	7834790.763	1/12/2009	5.24 - 30.24	WG	N	090112MW7GW	6020	7440-38-2	Arsenic	18.7	ug/L				6300	
MW-07	723633.896	7834790.763	1/12/2009	5.24 - 30.24	WG	N	090112MW7GW	6020	7440-38-2	Arsenic, Dissolved	16.7	ug/L				6300	
MW-07	723633.896	7834790.763	1/12/2009	5.24 - 30.24	WG	N	090112MW7GW	6020	7439-92-1	Lead	0.129	ug/L				15	
MW-07	723633.896	7834790.763	1/12/2009	5.24 - 30.24	WG	N	090112MW7GW	6020	7439-92-1	Lead, Dissolved	0.03	ug/L	U			15	
MW-07	723633.896	7834790.763	1/12/2009	5.24 - 30.24	WG	N	090112MW7GW	6020	7439-96-5	Manganese	3300	ug/L				3200000	
MW-07	723633.896	7834790.763	1/12/2009	5.24 - 30.24	WG	N	090112MW7GW	6020	7439-96-5	Manganese, Dissolved	3410	ug/L				3200000	
MW-07	723633.896	7834790.763	1/12/2009	5.24 - 30.24	WG	N	090112MW7GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-07	723633.896	7834790.763	1/12/2009	5.24 - 30.24	WG	N	090112MW7GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-07	723633.896	7834790.763	1/12/2009	5.24 - 30.24	WG	N	090112MW7GW	8260B	75-01-4	Vinyl chloride	0.68	ug/L				3.3	
MW-07	723633.896	7834790.763	1/12/2009	5.24 - 30.24	WG	N	090112MW7GW	8270C	106-46-7	1,4-Dichlorobenzene	0.031	ug/L	U			25	
MW-07	723633.896	7834790.763	1/12/2009	5.24 - 30.24	WG	N	090112MW7GW	8270C	100-02-7	4-Nitrophenol	0.3	ug/L	U			5800	
MW-07	723633.896	7834790.763	1/12/2009	5.24 - 30.24	WG	N	090112MW7GW	8270C	85-01-8	Phenanthrene	0.024	ug/L	U			1800	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-07	723633.896	7834790.763	1/12/2009	5.24 - 30.24	WG	N	090112MW7GW	8270C	108-95-2	Phenol	0.067	ug/L	U			5800	
MW-07	723633.896	7834790.763	1/12/2009	5.24 - 30.24	WG	N	090112MW7GW	Krone	1002-53-5	Dibutyltin	0.0073	ug/L	U			6	
MW-07	723633.896	7834790.763	1/12/2009	5.24 - 30.24	WG	N	090112MW7GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-07	723633.896	7834790.763	1/12/2009	5.24 - 30.24	WG	N	090112MW7GW	NWTPH-Dx	TPH-D	Diesel Range Organics	77	ug/L	J			100	
MW-07	723633.896	7834790.763	1/12/2009	5.24 - 30.24	WG	N	090112MW7GW	NWTPH-Dx	MOIL	Residual Range Organics	80	ug/L	J			300	
MW-07	723633.896	7834790.763	1/12/2009	5.24 - 30.24	WG	N	090112MW7GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0009188	ug/L				1.3	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	2051-60-7	PCB-1	0.000017	ug/L	J				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	33146-45-1	PCB-10	0.000039	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	39485-83-1	PCB-100	0.000039	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	37680-73-2	PCB-101	0.000062	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	68194-06-9	PCB-102	0.000029	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	60145-21-3	PCB-103	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	56558-16-8	PCB-104	0.0000017	ug/L	J				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	32598-14-4	PCB-105	0.0000082	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	70424-69-0	PCB-106	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	70424-68-9	PCB-107	0.000002	ug/L	J				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	70362-41-3	PCB-108	0.000016	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74472-35-8	PCB-109	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	2050-67-1	PCB-11	0.000039	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	38380-03-9	PCB-110	0.000039	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	39635-32-0	PCB-111	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74472-36-9	PCB-112	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	68194-10-5	PCB-113	0.000062	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74472-37-0	PCB-114	0.000019	ug/L	U			2.9	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74472-38-1	PCB-115	0.000039	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	18259-05-7	PCB-116	0.000048	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	68194-11-6	PCB-117	0.000048	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	31508-00-6	PCB-118	0.000026	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	56558-17-9	PCB-119	0.000016	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	2974-92-7	PCB-12	0.000068	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	68194-12-7	PCB-120	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	56558-18-0	PCB-121	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	76842-07-4	PCB-122	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	65510-44-3	PCB-123	0.000019	ug/L	U			1.4	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	70424-70-3	PCB-124	0.000002	ug/L	J				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74472-39-2	PCB-125	0.000016	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	57465-28-8	PCB-126	0.000019	ug/L	U			0.00042	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	39635-33-1	PCB-127	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	38380-07-3	PCB-128	0.000023	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	55215-18-4	PCB-129	0.00029	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	2974-90-5	PCB-13	0.000068	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52663-66-8	PCB-130	0.000012	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	61798-70-7	PCB-131	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	38380-05-1	PCB-132	0.000063	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	35694-04-3	PCB-133	0.0000097	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52704-70-8	PCB-134	0.000029	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52744-13-5	PCB-135	0.00008	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	38411-22-2	PCB-136	0.000025	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	35694-06-5	PCB-137	0.0000051	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	35065-28-2	PCB-138	0.00029	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	56030-56-9	PCB-139	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	34883-41-5	PCB-14	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	59291-64-4	PCB-140	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52712-04-6	PCB-141	0.000066	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	41411-61-4	PCB-142	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	68194-15-0	PCB-143	0.000029	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	68194-14-9	PCB-144	0.000012	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74472-40-5	PCB-145	0.0000097	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	51908-16-8	PCB-146	0.000031	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	68194-13-8	PCB-147	0.0002	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74472-41-6	PCB-148	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	38380-04-0	PCB-149	0.0002	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	2050-68-2	PCB-15	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	68194-08-1	PCB-150	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52663-63-5	PCB-151	0.00008	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	68194-09-2	PCB-152	0.0000097	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	35065-27-1	PCB-153	0.00024	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	60145-22-4	PCB-154	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	33979-03-2	PCB-155	0.000029	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	38380-08-4	PCB-156	0.000019	ug/L	U			7	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	69782-90-7	PCB-157	0.000019	ug/L	U			1.6	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74472-42-7	PCB-158	0.000018	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	39635-35-3	PCB-159	0.0000025	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	38444-78-9	PCB-16	0.000024	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	41411-62-5	PCB-160	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74472-43-8	PCB-161	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	39635-34-2	PCB-162	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74472-44-9	PCB-163	0.00029	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74472-45-0	PCB-164	0.000013	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74472-46-1	PCB-165	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	41411-63-6	PCB-166	0.000023	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52663-72-6	PCB-167	0.000006	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	59291-65-5	PCB-168	0.00024	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	32774-16-6	PCB-169	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	37680-66-3	PCB-17	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	35065-30-6	PCB-170	0.00014	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52663-71-5	PCB-171	0.000029	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52663-74-8	PCB-172	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	68194-16-1	PCB-173	0.000029	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	38411-25-5	PCB-174	0.00011	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	40186-70-7	PCB-175	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52663-65-7	PCB-176	0.000018	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52663-70-4	PCB-177	0.000055	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52663-67-9	PCB-178	0.000024	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52663-64-6	PCB-179	0.000044	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	37680-65-2	PCB-18	0.0000031	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	35065-29-3	PCB-180	0.0003	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74472-47-2	PCB-181	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	60145-23-5	PCB-182	0.000019	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52663-69-1	PCB-183	0.000058	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74472-48-3	PCB-184	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52712-05-7	PCB-185	0.000016	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74472-49-4	PCB-186	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52663-68-0	PCB-187	0.00014	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74487-85-7	PCB-188	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	39635-31-9	PCB-189	0.0000034	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	38444-73-4	PCB-19	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	41411-64-7	PCB-190	0.000022	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74472-50-7	PCB-191	0.0000028	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74472-51-8	PCB-192	0.0000097	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	69782-91-8	PCB-193	0.0003	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	35694-08-7	PCB-194	0.00009	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52663-78-2	PCB-195	0.00005	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	42740-50-1	PCB-196	0.000028	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	33091-17-7	PCB-197	0.0000013	ug/L	J				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	68194-17-2	PCB-198	0.000049	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52663-75-9	PCB-199	0.000049	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	2051-61-8	PCB-2	0.000022	ug/L	J				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	38444-84-7	PCB-20	0.0000039	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52663-73-7	PCB-200	0.0000048	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	40186-71-8	PCB-201	0.0000053	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	2136-99-4	PCB-202	0.000013	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52663-76-0	PCB-203	0.000027	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74472-52-9	PCB-204	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74472-53-0	PCB-205	0.0000013	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	40186-72-9	PCB-206	0.000018	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52663-79-3	PCB-207	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52663-77-1	PCB-208	0.0000034	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	2051-24-3	PCB-209	0.0000019	ug/L	J				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	55702-46-0	PCB-21	0.0000021	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	38444-85-8	PCB-22	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	55720-44-0	PCB-23	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	55702-45-9	PCB-24	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	55712-37-3	PCB-25	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	38444-81-4	PCB-26	0.000039	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	38444-76-7	PCB-27	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	7012-37-5	PCB-28	0.0000039	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	15862-07-4	PCB-29	0.000039	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	2051-62-9	PCB-3	0.000086	ug/L	J				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	35693-92-6	PCB-30	0.0000031	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	16606-02-3	PCB-31	0.000005	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	38444-77-8	PCB-32	0.0000097	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	38444-86-9	PCB-33	0.0000021	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	37680-68-5	PCB-34	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	37680-69-6	PCB-35	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	38444-87-0	PCB-36	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	38444-90-5	PCB-37	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	53555-66-1	PCB-38	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	38444-88-1	PCB-39	0.000029	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	13029-08-8	PCB-4	0.000039	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	38444-93-8	PCB-40	0.000029	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52663-59-9	PCB-41	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	36559-22-5	PCB-42	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	70362-46-8	PCB-43	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	41464-39-5	PCB-44	0.0000069	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	70362-45-7	PCB-45	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	41464-47-5	PCB-46	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	2437-79-8	PCB-47	0.0000069	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	70362-47-9	PCB-48	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	41464-40-8	PCB-49	0.0000034	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	16605-91-7	PCB-5	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	62796-65-0	PCB-50	0.000029	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	68194-04-7	PCB-51	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	35693-99-3	PCB-52	0.000012	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	41464-41-9	PCB-53	0.000029	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	15968-05-5	PCB-54	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74338-24-2	PCB-55	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	41464-43-1	PCB-56	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	70424-67-8	PCB-57	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	41464-49-7	PCB-58	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74472-33-6	PCB-59	0.000048	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	25569-80-6	PCB-6	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	33025-41-1	PCB-60	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	33284-53-6	PCB-61	0.0000069	ug/L	J				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	54230-22-7	PCB-62	0.000048	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74472-34-7	PCB-63	0.000029	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52663-58-8	PCB-64	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	33284-54-7	PCB-65	0.0000069	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	32598-10-0	PCB-66	0.0000031	ug/L	J				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	73575-53-8	PCB-67	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	73575-52-7	PCB-68	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	60233-24-1	PCB-69	0.0000034	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	33284-50-3	PCB-7	0.000024	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	32598-11-1	PCB-70	0.0000069	ug/L	J				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	41464-46-4	PCB-71	0.000029	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	41464-42-0	PCB-72	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	74338-23-1	PCB-73	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	32690-93-0	PCB-74	0.0000069	ug/L	J				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	32598-12-2	PCB-75	0.000048	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	70362-48-0	PCB-76	0.0000069	ug/L	J				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	32598-13-3	PCB-77	0.000019	ug/L	U			0.006	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	70362-49-1	PCB-78	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	41464-48-6	PCB-79	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	34883-43-7	PCB-8	0.000024	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	33284-52-5	PCB-80	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	70362-50-4	PCB-81	0.000019	ug/L	U			0.12	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52663-62-4	PCB-82	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	60145-20-2	PCB-83	0.0000034	ug/L	J				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52663-60-2	PCB-84	0.000019	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	65510-45-4	PCB-85	0.000048	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	55312-69-1	PCB-86	0.000016	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	38380-02-8	PCB-87	0.000016	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	55215-17-3	PCB-88	0.000039	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	73575-57-2	PCB-89	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	34883-39-1	PCB-9	0.000024	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	68194-07-0	PCB-90	0.000062	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	68194-05-8	PCB-91	0.000039	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	52663-61-3	PCB-92	0.0000064	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	73575-56-1	PCB-93	0.000039	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	73575-55-0	PCB-94	0.000029	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	38379-99-6	PCB-95	0.000042	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	73575-54-9	PCB-96	0.000019	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	41464-51-1	PCB-97	0.000016	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	60233-25-2	PCB-98	0.000029	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	1668C	38380-01-7	PCB-99	0.0000057	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	NWTPH-DX	TPH-D	Diesel Range Organics	180	ug/L				100	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	NWTPH-DX	MOIL	Residual Range Organics	350	ug/L				300	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	NWTPH-GX	TPH-G	Gasoline Range Organics	40	ug/L	U			14000	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	ORGANOTINS	1002-53-5	Dibutyltin	0.14	ug/L	UJ			6	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	MW-7-GW	ORGANOTINS	1461-25-2	Tetrabutyltin	0.19	ug/L	UJ			3.7	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7429-90-5	Aluminum	714	ug/L	J			20000	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7440-36-0	Antimony	4.66	ug/L	U			7.8	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7440-38-2	Arsenic	10.2	ug/L	U			6300	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7440-39-3	Barium	14.3	ug/L	U			4000	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7440-41-7	Beryllium	2	ug/L	U			270000	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7440-69-9	Bismuth	96.5	ug/L					
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7440-43-9	Cadmium	2	ug/L	U			130000	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7440-70-2	Calcium	10100	ug/L	J				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7440-47-3	Chromium	10	ug/L	U			30000	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7440-48-4	Cobalt	10	ug/L	U			6	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7440-50-8	Copper	4.5	ug/L	U			5400000	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7440-69-9	Germanium	113	ug/L					
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7440-74-6	Indium	101	ug/L					
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7439-89-6	Iron	1260	ug/L	J			14000	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7439-92-1	Lead	5	ug/L	U			15	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7439-93-2	Lithium	114	ug/L					
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7439-95-4	Magnesium	2330	ug/L	J				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7439-96-5	Manganese	26.9	ug/L	J			3200000	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7440-02-0	Nickel	11.8	ug/L	J			400	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7440-09-7	Potassium	4380	ug/L	J				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7440-20-2	Scandium	116	ug/L					
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7782-49-2	Selenium	10	ug/L	U			100	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7440-22-4	Silver	1	ug/L	U			1100000	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7440-23-5	Sodium	75300	ug/L	J				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	15492-51-0	Terbium	99.7	ug/L					
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7440-28-0	Thallium	1	ug/L	U			0.2	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7440-62-2	Vanadium	5	ug/L				86	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7440-65-5	Yttrium	106	ug/L					
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW6020B	7440-66-6	Zinc	10.8	ug/L	J			6000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW7470A	7439-97-6	Mercury	0.4	ug/L	U			11	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	53-19-0	2,4-DDD	0.0102	ug/L	UJ				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	3424-82-6	2,4-DDE	0.0102	ug/L	UJ				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	789-02-6	2,4-DDT	0.0102	ug/L	UJ				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	72-54-8	4,4'-DDD	0.0108	ug/L	UJ			3.2	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	72-55-9	4,4'-DDE	0.0216	ug/L	UJ			310	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	50-29-3	4,4'-DDT	0.054	ug/L	UJ			0.23	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	309-00-2	Aldrin	0.0216	ug/L	UJ			3.5	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	319-84-6	alpha-BHC	0.0216	ug/L	UJ			18	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	5103-71-9	alpha-Chlordane	0.027	ug/L	UJ			0.45	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	319-85-7	beta-BHC	0.0216	ug/L	UJ			0.025	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	319-86-8	delta-BHC	0.0216	ug/L	UJ			0.0072	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	60-57-1	Dieldrin	0.0216	ug/L	UJ			2.4	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	959-98-8	Endosulfan I	0.0216	ug/L	UJ			98	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	33213-65-9	Endosulfan II	0.0216	ug/L	UJ			98	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	1031-07-8	Endosulfan sulfate	0.027	ug/L	UJ			98	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	72-20-8	Endrin	0.0216	ug/L	UJ			170	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	7421-93-4	Endrin aldehyde	0.027	ug/L	UJ			170	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	53494-70-5	Endrin ketone	0.0216	ug/L	UJ			170	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	58-89-9	gamma-BHC (Lindane)	0.0216	ug/L	UJ			100	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	5103-74-2	gamma-Chlordane	0.027	ug/L	UJ			0.45	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	76-44-8	Heptachlor	0.0216	ug/L	UJ			1.8	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	1024-57-3	Heptachlor epoxide	0.0216	ug/L	UJ			3.2	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	72-43-5	Methoxychlor	0.054	ug/L	UJ			37	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	27304-13-8	Oxychlordane	0.0102	ug/L	UJ				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8081B	8001-35-2	Toxaphene	1.08	ug/L	UJ			18	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	630-20-6	1,1,1,2-Tetrachloroethane	0.2	ug/L	U			36	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	79-34-5	1,1,2,2-Tetrachloroethane	0.2	ug/L	U			30	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	79-00-5	1,1,2-Trichloroethane	0.2	ug/L	U			44	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	75-34-3	1,1-Dichloroethane	0.2	ug/L	U			55	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	96-18-4	1,2,3-Trichloropropane	0.2	ug/L	U			200	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	95-63-6	1,2,4-Trimethylbenzene	0.2	ug/L	U			2400	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	106-93-4	1,2-Dibromoethane (EDB)	0.2	ug/L	U			1.5	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	107-06-2	1,2-Dichloroethane	0.3	ug/L	U			18	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	78-87-5	1,2-Dichloropropane	0.3	ug/L	U			52	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	106-46-7	1,4-Dichlorobenzene	0.2	ug/L	U			25	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	594-20-7	2,2-Dichloropropane	0.2	ug/L	U			52	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	71-43-2	Benzene	0.2	ug/L	U			12	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	74-97-5	Bromochloromethane	0.2	ug/L	U			450	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	75-27-4	Bromodichloromethane	0.2	ug/L	U			6.9	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	56-23-5	Carbon tetrachloride	0.2	ug/L	U			3.1	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	67-66-3	Chloroform	0.3	ug/L	U			5.9	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	156-59-2	cis-1,2-Dichloroethene	1.67	ug/L				1800	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	10061-01-5	cis-1,3-Dichloropropene	0.2	ug/L	U			40	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	124-48-1	Dibromochloromethane	0.2	ug/L	U			610	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	74-95-3	Dibromomethane	0.2	ug/L	U			950	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	87-68-3	Hexachlorobutadiene	0.2	ug/L	U			3.3	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	98-82-8	Isopropylbenzene	0.2	ug/L	U			9100	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	103-65-1	n-Propylbenzene	0.2	ug/L	U			22000	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	10061-02-6	trans-1,3-Dichloropropene	0.2	ug/L	U			21	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	79-01-6	Trichloroethene	0.59	ug/L				7.4	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8260B/D	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D	1319-77-3	3 & 4-Methylphenol	0.54	ug/L	U			370	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D	91-94-1	3,3'-Dichlorobenzidine	10.8	ug/L	U			0.17	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D	100-02-7	4-Nitrophenol	5.4	ug/L	U			5800	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D	92-87-5	Benzidine	43.2	ug/L	U			17	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D	111-44-4	Bis (2-chloroethyl) ether	0.54	ug/L	U			140	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D	85-68-7	Butyl benzylphthalate	0.54	ug/L	U			16	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D	86-74-8	Carbazole	0.54	ug/L	U			7.9	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D	132-64-9	Dibenzofuran	0.324	ug/L	U			7.9	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D	84-74-2	Di-n-butylphthalate	6.48	ug/L	U			900	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D	117-84-0	Di-n-octylphthalate	5.4	ug/L	U			200	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D	118-74-1	Hexachlorobenzene	0.54	ug/L	U			1.3	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D	62-75-9	N-Nitrosodimethylamine	0.54	ug/L	U			25	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	1.08	ug/L	U			370	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D	108-95-2	Phenol	0.54	ug/L	U			5800	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D SIM	91-57-6	2-Methylnaphthalene	0.0416	ug/L	U			36	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D SIM	83-32-9	Acenaphthene	0.0416	ug/L	U			510	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D SIM	208-96-8	Acenaphthylene	0.0416	ug/L	U			20	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D SIM	120-12-7	Anthracene	0.0416	ug/L	U			1800	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D SIM	56-55-3	Benzo(a)anthracene	0.0832	ug/L	U			2300	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D SIM	50-32-8	Benzo(a)pyrene	0.0624	ug/L	U			0.025	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D SIM	205-99-2	Benzo(b)fluoranthene	0.0624	ug/L	U			0.25	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D SIM	191-24-2	Benzo(g,h,i)perylene	0.0832	ug/L	U			120	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D SIM	207-08-9	Benzo(k)fluoranthene	0.0832	ug/L	U			2.5	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D SIM	117-81-7	Bis (2-ethylhexyl) phthalate	1.04	ug/L	U			5.6	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D SIM	218-01-9	Chrysene	0.125	ug/L	U			25	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D SIM	53-70-3	Dibenzo(a,h)anthracene	0.125	ug/L	U			0.025	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D SIM	206-44-0	Fluoranthene	0.0832	ug/L	U			800	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D SIM	86-73-7	Fluorene	0.0416	ug/L	U			280	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0832	ug/L	U			0.25	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D SIM	91-20-3	Naphthalene	0.0832	ug/L	U			20	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D SIM	85-01-8	Phenanthrene	0.125	ug/L	U			1800	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	SW8270D SIM	129-00-0	Pyrene	0.0624	ug/L	U			110	
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.211237	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.8532	ug/L	U				
MW-07	723633.896	7834790.763	4/5/2022	5.24 - 30.24	WG	N	22D0298-05	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.4578	ug/L	U				
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8081 Pest	72-54-8	4,4'-DDD	0.000646	ug/L	UJ			3.2	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8081 Pest	72-55-9	4,4'-DDE	0.000535	ug/L	UJ			310	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8081 Pest	50-29-3	4,4'-DDT	0.000685	ug/L	UJ			0.23	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8081 Pest	309-00-2	Aldrin	0.000157	ug/L	UJ			3.5	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8081 Pest	319-84-6	alpha-BHC	0.000505	ug/L	UJ			18	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8081 Pest	319-85-7	beta-BHC	0.000586	ug/L	UJ			0.025	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8081 Pest	319-86-8	delta-BHC	0.000322	ug/L	UJ			0.0072	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8081 Pest	60-57-1	Dieldrin	0.000414	ug/L	UJ			2.4	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8081 Pest	959-98-8	Endosulfan I	0.000684	ug/L	UJ			98	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8081 Pest	33213-65-9	Endosulfan II	0.000519	ug/L	UJ			98	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.000737	ug/L	UJ			98	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8081 Pest	72-20-8	Endrin	0.000425	ug/L	UJ			170	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8081 Pest	7421-93-4	Endrin aldehyde	0.00134	ug/L	UJ			170	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8081 Pest	53494-70-5	Endrin ketone	0.000473	ug/L	UJ			170	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.000987	ug/L	UJ			100	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8081 Pest	76-44-8	Heptachlor	0.00103	ug/L	UJ			1.8	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.000513	ug/L	UJ			3.2	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8081 Pest	72-43-5	Methoxychlor	0.000737	ug/L	UJ			37	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8081 Pest	12789-03-6	technical-Chlordane	0.00439	ug/L	UJ			670	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8081 Pest	8001-35-2	Toxaphene	0.016	ug/L	UJ			18	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8082	12674-11-2	Aroclor-1016	0.0036	ug/L	U			75	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8082	11104-28-2	Aroclor-1221	0.00894	ug/L	U			2.3	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8082	11141-16-5	Aroclor-1232	0.00426	ug/L	U			0.71	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8082	53469-21-9	Aroclor-1242	0.0059	ug/L	U			5.8	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8082	12672-29-6	Aroclor-1248	0.00279	ug/L	U			1.2	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8082	11097-69-1	Aroclor-1254	0.0036	ug/L	U			7.2	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8082	11096-82-5	Aroclor-1260	0.00197	ug/L	U			1.6	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8151	93-76-5	2,4,5-T	0.0566	ug/L	U			160	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8151	93-72-1	2,4,5-TP (Silvex)	0.0227	ug/L	U			110	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8151	94-75-7	2,4-D	0.0296	ug/L	U			77000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8151	94-82-6	2,4-DB	0.0577	ug/L	U				
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8151	120-36-5	2,4-DP (Dichloroprop)	0.0114	ug/L	U				
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8151	100-02-7	4-Nitrophenol	0.84	ug/L				5800	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8151	75-99-0	Dalapon	0.0124	ug/L	U			600	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8151	1918-00-9	Dicamba	0.0221	ug/L	U			570	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8151	88-85-7	Dinoseb	0.0292	ug/L	U			15	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8151	94-74-6	MCPA	0.0114	ug/L	U			1700	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8151	93-65-2	MCPP	0.0134	ug/L	U			16	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8151	87-86-5	Pentachlorophenol	0.112	ug/L				53	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.5	ug/L	U			36	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	71-55-6	1,1,1-Trichloroethane	0.5	ug/L	U			53000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.5	ug/L	U			30	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	79-00-5	1,1,2-Trichloroethane	0.5	ug/L	U			44	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	75-34-3	1,1-Dichloroethane	0.5	ug/L	U			55	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	75-35-4	1,1-Dichloroethene	0.5	ug/L	U			1300	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	563-58-6	1,1-Dichloropropene	0.5	ug/L	U			40	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	87-61-6	1,2,3-Trichlorobenzene	0.5	ug/L	U			7	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	96-18-4	1,2,3-Trichloropropane	0.5	ug/L	U			200	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	95-63-6	1,2,4-Trimethylbenzene	0.5	ug/L	U			2400	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	106-93-4	1,2-Dibromoethane (EDB)	0.5	ug/L	U			1.5	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	107-06-2	1,2-Dichloroethane	0.5	ug/L	U			18	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	78-87-5	1,2-Dichloropropane	0.5	ug/L	U			52	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	108-67-8	1,3,5-Trimethylbenzene	0.5	ug/L	U			1700	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	142-28-9	1,3-Dichloropropane	0.5	ug/L	U			370	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	594-20-7	2,2-Dichloropropane	0.5	ug/L	U			52	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	95-49-8	2-Chlorotoluene	0.5	ug/L	U			240	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	591-78-6	2-Hexanone	2.5	ug/L	U			72000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	106-43-4	4-Chlorotoluene	0.5	ug/L	U			250	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	67-64-1	Acetone	14.4	ug/L				18000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	71-43-2	Benzene	0.5	ug/L	U			12	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	108-86-1	Bromobenzene	0.5	ug/L	U			6300	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	74-97-5	Bromochloromethane	0.5	ug/L	U			450	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	75-27-4	Bromodichloromethane	0.5	ug/L	U			6.9	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	75-25-2	Bromoform	0.5	ug/L	U			1100	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	56-23-5	Carbon tetrachloride	0.5	ug/L	U			3.1	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	108-90-7	Chlorobenzene	0.5	ug/L	U			3400	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	75-00-3	Chloroethane	0.5	ug/L	U			57000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	67-66-3	Chloroform	0.5	ug/L	U			5.9	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	74-87-3	Chloromethane	0.5	ug/L	U			1500	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	156-59-2	cis-1,2-Dichloroethene	0.5	ug/L	U			1800	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	10061-01-5	cis-1,3-Dichloropropene	0.5	ug/L	U			40	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	124-48-1	Dibromochloromethane	0.5	ug/L	U			610	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	74-95-3	Dibromomethane	0.5	ug/L	U			950	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	75-71-8	Dichlorodifluoromethane	0.5	ug/L	U			41	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	100-41-4	Ethylbenzene	0.5	ug/L	U			31	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	98-82-8	Isopropylbenzene	0.5	ug/L	U			9100	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	75-09-2	Methylene chloride	0.5	ug/L	U			15000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	3.04	ug/L	J			4600000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	104-51-8	n-Butylbenzene	0.5	ug/L	U			1000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	103-65-1	n-Propylbenzene	0.5	ug/L	U			22000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	95-47-6	o-Xylene	0.5	ug/L	U			4300	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	99-87-6	p-Cymene	0.5	ug/L	U			9100	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	135-98-8	sec-Butylbenzene	0.5	ug/L	U			2000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	100-42-5	Styrene	0.5	ug/L	U			84000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	98-06-6	tert-Butylbenzene	0.5	ug/L	U			690	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	108-88-3	Toluene	0.5	ug/L	U			150000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	156-60-5	trans-1,2-Dichloroethene	0.5	ug/L	U			457	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	10061-02-6	trans-1,3-Dichloropropene	0.5	ug/L	U			21	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	79-01-6	Trichloroethene	0.5	ug/L	U			7.4	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	75-69-4	Trichlorofluoromethane	0.5	ug/L	U			160000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	108-05-4	Vinyl acetate	2.5	ug/L	U			80000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8260	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	120-82-1	1,2,4-Trichlorobenzene	0.016	ug/L	UJ			380	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	95-50-1	1,2-Dichlorobenzene	0.016	ug/L	UJ			25000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	541-73-1	1,3-Dichlorobenzene	0.017	ug/L	UJ			25	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	106-46-7	1,4-Dichlorobenzene	0.015	ug/L	UJ			25	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	95-95-4	2,4,5-Trichlorophenol	0.011	ug/L	U			1200	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	88-06-2	2,4,6-Trichlorophenol	0.012	ug/L	U			1700	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	120-83-2	2,4-Dichlorophenol	0.015	ug/L	U			46	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	105-67-9	2,4-Dimethylphenol	0.015	ug/L	U			360	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	51-28-5	2,4-Dinitrophenol	0.03	ug/L	U			39	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	121-14-2	2,4-Dinitrotoluene	0.013	ug/L	UJ			0.24	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	606-20-2	2,6-Dinitrotoluene	0.02	ug/L	UJ			830	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	91-58-7	2-Chloronaphthalene	0.0015	ug/L	UJ			750	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	95-57-8	2-Chlorophenol	0.017	ug/L	U			91	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	91-57-6	2-Methylnaphthalene	0.015	ug/L	UJ			36	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	95-48-7	2-Methylphenol	0.024	ug/L	U			930	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	88-74-4	2-Nitroaniline	0.018	ug/L	UJ			190	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	88-75-5	2-Nitrophenol	0.022	ug/L	U			5800	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	91-94-1	3,3'-Dichlorobenzidine	0.036	ug/L	UJ			0.17	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	99-09-2	3-Nitroaniline	0.033	ug/L	UJ			190	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.022	ug/L	U			1.5	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	101-55-3	4-Bromophenyl phenyl ether	0.012	ug/L	UJ				
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	59-50-7	4-Chloro-3-methylphenol	0.0539	ug/L	U			1400	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	106-47-8	4-Chloroaniline	0.039	ug/L	UJ			0.37	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.015	ug/L	UJ				
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	106-44-5	4-Methylphenol	0.023	ug/L	U			370	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	100-01-6	4-Nitroaniline	0.021	ug/L	UJ			3.8	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	83-32-9	Acenaphthene	0.0016	ug/L	UJ			510	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	208-96-8	Acenaphthylene	0.0015	ug/L	UJ			20	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	62-53-3	Aniline	0.05	ug/L	UJ			13	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	120-12-7	Anthracene	0.0015	ug/L	UJ			1800	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	92-87-5	Benzidine	0.024	ug/L	UJ			17	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	56-55-3	Benzo(a)anthracene	0.0044	ug/L	UJ			2300	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	50-32-8	Benzo(a)pyrene	0.0047	ug/L	UJ			0.025	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	191-24-2	Benzo(g,h,i)perylene	0.0034	ug/L	UJ			120	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	56832-73-6	Benzofluoranthenes, Total	0.0038	ug/L	UJ				
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	65-85-0	Benzoic acid	0.02	ug/L	UJ			75000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	100-51-6	Benzyl alcohol	0.032	ug/L	U			2000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	111-91-1	Bis (2-chloroethoxy) methane	0.018	ug/L	UJ			59	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	111-44-4	Bis (2-chloroethyl) ether	0.019	ug/L	UJ			140	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	0.0649	ug/L	UJ			5.6	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.021	ug/L	UJ			710	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	85-68-7	Butyl benzylphthalate	0.187	ug/L	UJ			16	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	86-74-8	Carbazole	0.0028	ug/L	UJ			7.9	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	218-01-9	Chrysene	0.0025	ug/L	UJ			25	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	53-70-3	Dibenzo(a,h)anthracene	0.0027	ug/L	UJ			0.025	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	132-64-9	Dibenzofuran	0.014	ug/L	UJ			7.9	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	84-66-2	Diethyl phthalate	0.0579	ug/L	UJ			15000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	131-11-3	Dimethyl phthalate	0.235	ug/L	J			15000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	84-74-2	Di-n-butylphthalate	0.231	ug/L	UJ			900	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	117-84-0	Di-n-octylphthalate	0.034	ug/L	UJ			200	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	206-44-0	Fluoranthene	0.0019	ug/L	UJ			800	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	86-73-7	Fluorene	0.0014	ug/L	UJ			280	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	118-74-1	Hexachlorobenzene	0.02	ug/L	UJ			1.3	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	87-68-3	Hexachlorobutadiene	0.029	ug/L	UJ			3.3	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	77-47-4	Hexachlorocyclopentadiene	0.026	ug/L	UJ			48	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	67-72-1	Hexachloroethane	0.04	ug/L	UJ			7	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	0.003	ug/L	UJ			0.25	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	78-59-1	Isophorone	0.018	ug/L	UJ			78	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	91-20-3	Naphthalene	0.0022	ug/L	UJ			20	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	98-95-3	Nitrobenzene	0.045	ug/L	UJ			800	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	62-75-9	N-Nitrosodimethylamine	0.0033	ug/L	UJ			25	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	621-64-7	N-Nitrosodi-n-propylamine	0.021	ug/L	UJ			370	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	86-30-6	N-Nitrosodiphenylamine	0.00999	ug/L	UJ			12	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	85-01-8	Phenanthrene	0.0022	ug/L	UJ			1800	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	108-95-2	Phenol	0.032	ug/L	U			5800	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	8270	129-00-0	Pyrene	0.0014	ug/L	UJ			110	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	Krone	1002-53-5	Dibutyltin	0.231	ug/L				6	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	Krone	78763-54-9	Monobutyltin	0.0189	ug/L				3.7	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	Krone	1461-25-2	Tetrabutyltin	0.00114	ug/L	U			3.7	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	Krone	688-73-3	Tributyltin	0.0284	ug/L				3.7	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	METALS	7440-36-0	Antimony	2.98	ug/L	J			7.8	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	METALS	7440-38-2	Arsenic	1.08	ug/L				6300	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	METALS	7440-39-3	Barium	100	ug/L				4000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	METALS	7440-41-7	Beryllium	0.307	ug/L	J			270000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	METALS	7440-43-9	Cadmium	0.0071	ug/L	U			130000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	METALS	7440-47-3	Chromium	3.36	ug/L				30000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	METALS	7440-50-8	Copper	13.2	ug/L				5400000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	METALS	7439-89-6	Iron	4560	ug/L				14000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	METALS	7439-92-1	Lead	1.9	ug/L				15	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	METALS	7439-96-5	Manganese	411	ug/L				3200000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	METALS	7439-97-6	Mercury	0.131	ug/L	U			11	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	METALS	7440-02-0	Nickel	7.61	ug/L				400	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	METALS	7782-49-2	Selenium	8.23	ug/L				100	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	METALS	7440-22-4	Silver	0.081	ug/L	J			1100000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	METALS	7440-28-0	Thallium	0.243	ug/L	J			0.2	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	METALS	7440-66-6	Zinc	11.2	ug/L				6000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	NWTPH-Dx	TPH-D	Diesel Range Organics	371	ug/L				100	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	NWTPH-Dx	MOIL	Residual Range Organics	407	ug/L				300	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	100	ug/L	U			14000	
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.024	ug/L	U				
MW-08	723611.623	7834885.396	5/1/2002	52.99 - 57.99	WG	N	020501BIL01GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.0259	ug/L	U				
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	300.0	24959-67-9	Bromide	49	ug/L	J				
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	6010B	7440-70-2	Calcium, Dissolved	172000	ug/L					
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	6010B	7439-89-6	Iron	854	ug/L				14000	
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	6010B	7439-89-6	Iron, Dissolved	5.8	ug/L	J			14000	
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	6010B	7439-95-4	Magnesium, Dissolved	13000	ug/L					
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	6010B	7440-09-7	Potassium, Dissolved	12900	ug/L					
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	6010B	7440-23-5	Sodium, Dissolved	740000	ug/L					
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	6020	7440-38-2	Arsenic	6.86	ug/L				6300	
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	6020	7440-38-2	Arsenic, Dissolved	7.92	ug/L				6300	
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	6020	7439-92-1	Lead	0.463	ug/L				15	
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	6020	7439-92-1	Lead, Dissolved	0.009	ug/L	U			15	
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	6020	7439-96-5	Manganese	265	ug/L				3200000	
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	6020	7439-96-5	Manganese, Dissolved	238	ug/L				3200000	
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	7470A	7439-97-6	Mercury	0.03	ug/L	J			11	
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	7470A	7439-97-6	Mercury, Dissolved	0.03	ug/L	U			11	
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	8270C	106-46-7	1,4-Dichlorobenzene	0.033	ug/L	U			25	
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	8270C	100-02-7	4-Nitrophenol	0.32	ug/L	U			5800	
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	8270C	85-01-8	Phenanthrene	0.025	ug/L	U			1800	
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	8270C	108-95-2	Phenol	0.071	ug/L	U			5800	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	Krone	1002-53-5	Dibutyltin	0.0081	ug/L	U			6	
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	NWTPH-Dx	TPH-D	Diesel Range Organics	15	ug/L	J			100	
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	NWTPH-Dx	MOIL	Residual Range Organics	22	ug/L	U			300	
MW-08	723611.623	7834885.396	4/18/2008	52.99 - 57.99	WG	N	080418MW8GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-08	723611.623	7834885.396	7/16/2008	52.99 - 57.99	WG	N	080716MW8GW	6010B	7439-89-6	Iron	631	ug/L				14000	
MW-08	723611.623	7834885.396	7/16/2008	52.99 - 57.99	WG	N	080716MW8GW	6010B	7439-89-6	Iron, Dissolved	20	ug/L	U			14000	
MW-08	723611.623	7834885.396	7/16/2008	52.99 - 57.99	WG	N	080716MW8GW	6010B	7439-96-5	Manganese	173	ug/L				3200000	
MW-08	723611.623	7834885.396	7/16/2008	52.99 - 57.99	WG	N	080716MW8GW	6010B	7439-96-5	Manganese, Dissolved	151	ug/L				3200000	
MW-08	723611.623	7834885.396	7/16/2008	52.99 - 57.99	WG	N	080716MW8GW	6020	7440-38-2	Arsenic	5.76	ug/L				6300	
MW-08	723611.623	7834885.396	7/16/2008	52.99 - 57.99	WG	N	080716MW8GW	6020	7440-38-2	Arsenic, Dissolved	5.65	ug/L				6300	
MW-08	723611.623	7834885.396	7/16/2008	52.99 - 57.99	WG	N	080716MW8GW	6020	7439-92-1	Lead	0.54	ug/L				15	
MW-08	723611.623	7834885.396	7/16/2008	52.99 - 57.99	WG	N	080716MW8GW	6020	7439-92-1	Lead, Dissolved	0.046	ug/L	U			15	
MW-08	723611.623	7834885.396	7/16/2008	52.99 - 57.99	WG	N	080716MW8GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-08	723611.623	7834885.396	7/16/2008	52.99 - 57.99	WG	N	080716MW8GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-08	723611.623	7834885.396	7/16/2008	52.99 - 57.99	WG	N	080716MW8GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-08	723611.623	7834885.396	7/16/2008	52.99 - 57.99	WG	N	080716MW8GW	8270C	106-46-7	1,4-Dichlorobenzene	0.029	ug/L	U			25	
MW-08	723611.623	7834885.396	7/16/2008	52.99 - 57.99	WG	N	080716MW8GW	8270C	100-02-7	4-Nitrophenol	0.28	ug/L	U			5800	
MW-08	723611.623	7834885.396	7/16/2008	52.99 - 57.99	WG	N	080716MW8GW	8270C	85-01-8	Phenanthrene	0.022	ug/L	U			1800	
MW-08	723611.623	7834885.396	7/16/2008	52.99 - 57.99	WG	N	080716MW8GW	8270C	108-95-2	Phenol	0.063	ug/L	U			5800	
MW-08	723611.623	7834885.396	7/16/2008	52.99 - 57.99	WG	N	080716MW8GW	Krone	1002-53-5	Dibutyltin	0.0073	ug/L	U			6	
MW-08	723611.623	7834885.396	7/16/2008	52.99 - 57.99	WG	N	080716MW8GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-08	723611.623	7834885.396	7/16/2008	52.99 - 57.99	WG	N	080716MW8GW	NWTPH-Dx	TPH-D	Diesel Range Organics	110	ug/L				100	
MW-08	723611.623	7834885.396	7/16/2008	52.99 - 57.99	WG	N	080716MW8GW	NWTPH-Dx	MOIL	Residual Range Organics	100	ug/L	U			300	
MW-08	723611.623	7834885.396	7/16/2008	52.99 - 57.99	WG	N	080716MW8GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	14	ug/L	J			14000	
MW-08	723611.623	7834885.396	10/23/2008	52.99 - 57.99	WG	N	081023MW8GW	6010B	7439-89-6	Iron	33.7	ug/L	U			14000	
MW-08	723611.623	7834885.396	10/23/2008	52.99 - 57.99	WG	N	081023MW8GW	6010B	7439-89-6	Iron, Dissolved	8.9	ug/L	J			14000	
MW-08	723611.623	7834885.396	10/23/2008	52.99 - 57.99	WG	N	081023MW8GW	6020	7440-38-2	Arsenic	5.4	ug/L				6300	
MW-08	723611.623	7834885.396	10/23/2008	52.99 - 57.99	WG	N	081023MW8GW	6020	7440-38-2	Arsenic, Dissolved	5.24	ug/L				6300	
MW-08	723611.623	7834885.396	10/23/2008	52.99 - 57.99	WG	N	081023MW8GW	6020	7439-92-1	Lead	0.338	ug/L				15	
MW-08	723611.623	7834885.396	10/23/2008	52.99 - 57.99	WG	N	081023MW8GW	6020	7439-92-1	Lead, Dissolved	0.227	ug/L				15	
MW-08	723611.623	7834885.396	10/23/2008	52.99 - 57.99	WG	N	081023MW8GW	6020	7439-96-5	Manganese	172	ug/L				3200000	
MW-08	723611.623	7834885.396	10/23/2008	52.99 - 57.99	WG	N	081023MW8GW	6020	7439-96-5	Manganese, Dissolved	172	ug/L				3200000	
MW-08	723611.623	7834885.396	10/23/2008	52.99 - 57.99	WG	N	081023MW8GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-08	723611.623	7834885.396	10/23/2008	52.99 - 57.99	WG	N	081023MW8GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-08	723611.623	7834885.396	10/23/2008	52.99 - 57.99	WG	N	081023MW8GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-08	723611.623	7834885.396	10/23/2008	52.99 - 57.99	WG	N	081023MW8GW	8270C	106-46-7	1,4-Dichlorobenzene	0.029	ug/L	UJ			25	
MW-08	723611.623	7834885.396	10/23/2008	52.99 - 57.99	WG	N	081023MW8GW	8270C	100-02-7	4-Nitrophenol	0.28	ug/L	U			5800	
MW-08	723611.623	7834885.396	10/23/2008	52.99 - 57.99	WG	N	081023MW8GW	8270C	85-01-8	Phenanthrene	3.9	ug/L				1800	
MW-08	723611.623	7834885.396	10/23/2008	52.99 - 57.99	WG	N	081023MW8GW	8270C	108-95-2	Phenol	0.063	ug/L	U			5800	
MW-08	723611.623	7834885.396	10/23/2008	52.99 - 57.99	WG	N	081023MW8GW	Krone	1002-53-5	Dibutyltin	0.0073	ug/L	U			6	
MW-08	723611.623	7834885.396	10/23/2008	52.99 - 57.99	WG	N	081023MW8GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-08	723611.623	7834885.396	10/23/2008	52.99 - 57.99	WG	N	081023MW8GW	NWTPH-Dx	TPH-D	Diesel Range Organics	440	ug/L				100	
MW-08	723611.623	7834885.396	10/23/2008	52.99 - 57.99	WG	N	081023MW8GW	NWTPH-Dx	MOIL	Residual Range Organics	150	ug/L				300	
MW-08	723611.623	7834885.396	10/23/2008	52.99 - 57.99	WG	N	081023MW8GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	J			14000	
MW-08	723611.623	7834885.396	1/15/2009	52.99 - 57.99	WG	N	090115MW8GW	6010B	7439-89-6	Iron	112	ug/L				14000	
MW-08	723611.623	7834885.396	1/15/2009	52.99 - 57.99	WG	N	090115MW8GW	6010B	7439-89-6	Iron, Dissolved	4	ug/L	U			14000	
MW-08	723611.623	7834885.396	1/15/2009	52.99 - 57.99	WG	N	090115MW8GW	6020	7440-38-2	Arsenic	7.2	ug/L				6300	
MW-08	723611.623	7834885.396	1/15/2009	52.99 - 57.99	WG	N	090115MW8GW	6020	7440-38-2	Arsenic, Dissolved	7.1	ug/L				6300	
MW-08	723611.623	7834885.396	1/15/2009	52.99 - 57.99	WG	N	090115MW8GW	6020	7439-92-1	Lead	0.14	ug/L				15	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-08	723611.623	7834885.396	1/15/2009	52.99 - 57.99	WG	N	090115MW8GW	6020	7439-92-1	Lead, Dissolved	0.013	ug/L	J			15	
MW-08	723611.623	7834885.396	1/15/2009	52.99 - 57.99	WG	N	090115MW8GW	6020	7439-96-5	Manganese	270	ug/L				3200000	
MW-08	723611.623	7834885.396	1/15/2009	52.99 - 57.99	WG	N	090115MW8GW	6020	7439-96-5	Manganese, Dissolved	266	ug/L				3200000	
MW-08	723611.623	7834885.396	1/15/2009	52.99 - 57.99	WG	N	090115MW8GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-08	723611.623	7834885.396	1/15/2009	52.99 - 57.99	WG	N	090115MW8GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-08	723611.623	7834885.396	1/15/2009	52.99 - 57.99	WG	N	090115MW8GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-08	723611.623	7834885.396	1/15/2009	52.99 - 57.99	WG	N	090115MW8GW	8270C	106-46-7	1,4-Dichlorobenzene	0.029	ug/L	U			25	
MW-08	723611.623	7834885.396	1/15/2009	52.99 - 57.99	WG	N	090115MW8GW	8270C	100-02-7	4-Nitrophenol	0.28	ug/L	U			5800	
MW-08	723611.623	7834885.396	1/15/2009	52.99 - 57.99	WG	N	090115MW8GW	8270C	85-01-8	Phenanthrene	0.022	ug/L	U			1800	
MW-08	723611.623	7834885.396	1/15/2009	52.99 - 57.99	WG	N	090115MW8GW	8270C	108-95-2	Phenol	0.063	ug/L	U			5800	
MW-08	723611.623	7834885.396	1/15/2009	52.99 - 57.99	WG	N	090115MW8GW	Krone	1002-53-5	Dibutyltin	0.013	ug/L	J			6	
MW-08	723611.623	7834885.396	1/15/2009	52.99 - 57.99	WG	N	090115MW8GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-08	723611.623	7834885.396	1/15/2009	52.99 - 57.99	WG	N	090115MW8GW	NWTPH-Dx	TPH-D	Diesel Range Organics	53	ug/L	J			100	
MW-08	723611.623	7834885.396	1/15/2009	52.99 - 57.99	WG	N	090115MW8GW	NWTPH-Dx	MOIL	Residual Range Organics	52	ug/L	J			300	
MW-08	723611.623	7834885.396	1/15/2009	52.99 - 57.99	WG	N	090115MW8GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.001391	ug/L				1.3	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	2051-60-7	PCB-1	0.0000042	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	33146-45-1	PCB-10	0.0000053	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	39485-83-1	PCB-100	0.000038	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	37680-73-2	PCB-101	0.000017	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	68194-06-9	PCB-102	0.000029	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	60145-21-3	PCB-103	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	56558-16-8	PCB-104	0.000029	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	32598-14-4	PCB-105	0.0000048	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	70424-69-0	PCB-106	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	70424-68-9	PCB-107	0.000029	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	70362-41-3	PCB-108	0.0000065	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74472-35-8	PCB-109	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	2050-67-1	PCB-11	0.00013	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	38380-03-9	PCB-110	0.000022	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	39635-32-0	PCB-111	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74472-36-9	PCB-112	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	68194-10-5	PCB-113	0.000017	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74472-37-0	PCB-114	0.000019	ug/L	U			2.9	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74472-38-1	PCB-115	0.000022	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	18259-05-7	PCB-116	0.000048	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	68194-11-6	PCB-117	0.000048	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	31508-00-6	PCB-118	0.0000074	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	56558-17-9	PCB-119	0.0000065	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	2974-92-7	PCB-12	0.000067	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	68194-12-7	PCB-120	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	56558-18-0	PCB-121	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	76842-07-4	PCB-122	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	65510-44-3	PCB-123	0.000019	ug/L	U			1.4	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	70424-70-3	PCB-124	0.000029	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74472-39-2	PCB-125	0.0000065	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	57465-28-8	PCB-126	0.000019	ug/L	U			0.00042	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	39635-33-1	PCB-127	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	38380-07-3	PCB-128	0.0000055	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	55215-18-4	PCB-129	0.000054	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	2974-90-5	PCB-13	0.000067	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52663-66-8	PCB-130	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	61798-70-7	PCB-131	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	38380-05-1	PCB-132	0.000017	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	35694-04-3	PCB-133	0.0000095	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52704-70-8	PCB-134	0.000029	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52744-13-5	PCB-135	0.00002	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	38411-22-2	PCB-136	0.0000059	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	35694-06-5	PCB-137	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	35065-28-2	PCB-138	0.000054	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	56030-56-9	PCB-139	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	34883-41-5	PCB-14	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	59291-64-4	PCB-140	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52712-04-6	PCB-141	0.000013	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	41411-61-4	PCB-142	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	68194-15-0	PCB-143	0.000029	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	68194-14-9	PCB-144	0.0000021	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74472-40-5	PCB-145	0.0000095	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	51908-16-8	PCB-146	0.0000065	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	68194-13-8	PCB-147	0.000046	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74472-41-6	PCB-148	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	38380-04-0	PCB-149	0.000046	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	2050-68-2	PCB-15	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	68194-08-1	PCB-150	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52663-63-5	PCB-151	0.00002	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	68194-09-2	PCB-152	0.0000095	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	35065-27-1	PCB-153	0.000048	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	60145-22-4	PCB-154	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	33979-03-2	PCB-155	0.000029	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	38380-08-4	PCB-156	0.0000051	ug/L	U			7	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	69782-90-7	PCB-157	0.0000051	ug/L	U			1.6	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74472-42-7	PCB-158	0.0000046	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	39635-35-3	PCB-159	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	38444-78-9	PCB-16	0.000014	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	41411-62-5	PCB-160	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74472-43-8	PCB-161	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	39635-34-2	PCB-162	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74472-44-9	PCB-163	0.000054	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74472-45-0	PCB-164	0.0000046	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74472-46-1	PCB-165	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	41411-63-6	PCB-166	0.0000055	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52663-72-6	PCB-167	0.0000022	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	59291-65-5	PCB-168	0.000048	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	32774-16-6	PCB-169	0.0000018	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	37680-66-3	PCB-17	0.000014	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	35065-30-6	PCB-170	0.000042	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52663-71-5	PCB-171	0.0000094	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52663-74-8	PCB-172	0.0000067	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	68194-16-1	PCB-173	0.0000094	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	38411-25-5	PCB-174	0.000042	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	40186-70-7	PCB-175	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52663-65-7	PCB-176	0.0000035	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52663-70-4	PCB-177	0.000021	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52663-67-9	PCB-178	0.0000058	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52663-64-6	PCB-179	0.000011	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	37680-65-2	PCB-18	0.000027	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	35065-29-3	PCB-180	0.000094	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74472-47-2	PCB-181	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	60145-23-5	PCB-182	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52663-69-1	PCB-183	0.00002	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74472-48-3	PCB-184	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52712-05-7	PCB-185	0.000029	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74472-49-4	PCB-186	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52663-68-0	PCB-187	0.000034	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74487-85-7	PCB-188	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	39635-31-9	PCB-189	0.0000022	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	38444-73-4	PCB-19	0.000025	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	41411-64-7	PCB-190	0.0000081	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74472-50-7	PCB-191	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74472-51-8	PCB-192	0.0000095	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	69782-91-8	PCB-193	0.000094	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	35694-08-7	PCB-194	0.000022	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52663-78-2	PCB-195	0.0000067	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	42740-50-1	PCB-196	0.000011	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	33091-17-7	PCB-197	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	68194-17-2	PCB-198	0.000022	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52663-75-9	PCB-199	0.000022	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	2051-61-8	PCB-2	0.0000095	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	38444-84-7	PCB-20	0.000014	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52663-73-7	PCB-200	0.0000025	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	40186-71-8	PCB-201	0.0000022	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	2136-99-4	PCB-202	0.0000028	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52663-76-0	PCB-203	0.000013	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74472-52-9	PCB-204	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74472-53-0	PCB-205	0.0000018	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	40186-72-9	PCB-206	0.0000046	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52663-79-3	PCB-207	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52663-77-1	PCB-208	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	2051-24-3	PCB-209	0.000029	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	55702-46-0	PCB-21	0.0000077	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	38444-85-8	PCB-22	0.0000047	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	55720-44-0	PCB-23	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	55702-45-9	PCB-24	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	55712-37-3	PCB-25	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	38444-81-4	PCB-26	0.0000027	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	38444-76-7	PCB-27	0.0000059	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	7012-37-5	PCB-28	0.000014	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	15862-07-4	PCB-29	0.0000027	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	2051-62-9	PCB-3	0.0000014	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	35693-92-6	PCB-30	0.000027	ug/L	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	16606-02-3	PCB-31	0.000016	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	38444-77-8	PCB-32	0.000017	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	38444-86-9	PCB-33	0.0000077	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	37680-68-5	PCB-34	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	37680-69-6	PCB-35	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	38444-87-0	PCB-36	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	38444-90-5	PCB-37	0.000004	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	53555-66-1	PCB-38	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	38444-88-1	PCB-39	0.000029	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	13029-08-8	PCB-4	0.000043	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	38444-93-8	PCB-40	0.0000032	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52663-59-9	PCB-41	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	36559-22-5	PCB-42	0.0000024	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	70362-46-8	PCB-43	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	41464-39-5	PCB-44	0.000017	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	70362-45-7	PCB-45	0.0000071	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	41464-47-5	PCB-46	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	2437-79-8	PCB-47	0.000017	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	70362-47-9	PCB-48	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	41464-40-8	PCB-49	0.000005	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	16605-91-7	PCB-5	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	62796-65-0	PCB-50	0.0000066	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	68194-04-7	PCB-51	0.0000014	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	35693-99-3	PCB-52	0.000023	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	41464-41-9	PCB-53	0.0000066	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	15968-05-5	PCB-54	0.0000017	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74338-24-2	PCB-55	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	41464-43-1	PCB-56	0.0000017	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	70424-67-8	PCB-57	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	41464-49-7	PCB-58	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74472-33-6	PCB-59	0.000048	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	25569-80-6	PCB-6	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	33025-41-1	PCB-60	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	33284-53-6	PCB-61	0.0000058	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	54230-22-7	PCB-62	0.000048	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74472-34-7	PCB-63	0.000029	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52663-58-8	PCB-64	0.0000045	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	33284-54-7	PCB-65	0.000017	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	32598-10-0	PCB-66	0.0000028	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	73575-53-8	PCB-67	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	73575-52-7	PCB-68	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	60233-24-1	PCB-69	0.000005	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	33284-50-3	PCB-7	0.000024	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	32598-11-1	PCB-70	0.0000058	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	41464-46-4	PCB-71	0.0000032	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	41464-42-0	PCB-72	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	74338-23-1	PCB-73	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	32690-93-0	PCB-74	0.0000058	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	32598-12-2	PCB-75	0.000048	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	70362-48-0	PCB-76	0.0000058	ug/L	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	32598-13-3	PCB-77	0.000019	ug/L	U			0.006	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	70362-49-1	PCB-78	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	41464-48-6	PCB-79	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	34883-43-7	PCB-8	0.000035	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	33284-52-5	PCB-80	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	70362-50-4	PCB-81	0.000019	ug/L	U			0.12	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52663-62-4	PCB-82	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	60145-20-2	PCB-83	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52663-60-2	PCB-84	0.000006	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	65510-45-4	PCB-85	0.000048	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	55312-69-1	PCB-86	0.0000065	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	38380-02-8	PCB-87	0.0000065	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	55215-17-3	PCB-88	0.000038	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	73575-57-2	PCB-89	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	34883-39-1	PCB-9	0.000024	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	68194-07-0	PCB-90	0.000017	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	68194-05-8	PCB-91	0.000038	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	52663-61-3	PCB-92	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	73575-56-1	PCB-93	0.000038	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	73575-55-0	PCB-94	0.000029	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	38379-99-6	PCB-95	0.000023	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	73575-54-9	PCB-96	0.000019	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	41464-51-1	PCB-97	0.0000065	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	60233-25-2	PCB-98	0.000029	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	1668C	38380-01-7	PCB-99	0.0000039	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	NWTPH-DX	TPH-D	Diesel Range Organics	180	ug/L				100	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	NWTPH-DX	MOIL	Residual Range Organics	220	ug/L	J			300	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	NWTPH-GX	TPH-G	Gasoline Range Organics	40	ug/L	U			14000	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	ORGANOTINS	1002-53-5	Dibutyltin	0.15	ug/L	U			6	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	MW-8-GW	ORGANOTINS	1461-25-2	Tetrabutyltin	0.2	ug/L	U			3.7	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7429-90-5	Aluminum	70.2	ug/L	U			20000	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7440-36-0	Antimony	5.23	ug/L	U			7.8	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7440-38-2	Arsenic	5	ug/L	U			6300	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7440-39-3	Barium	2.68	ug/L	J			4000	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7440-41-7	Beryllium	2	ug/L	U			270000	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7440-69-9	Bismuth	103	ug/L					
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7440-43-9	Cadmium	2	ug/L	U			130000	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7440-70-2	Calcium	1900	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7440-47-3	Chromium	10	ug/L	U			30000	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7440-48-4	Cobalt	10	ug/L	U			6	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7440-50-8	Copper	10	ug/L	U			5400000	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7440-69-9	Germanium	110	ug/L					
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7440-74-6	Indium	108	ug/L					
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7439-89-6	Iron	150	ug/L	J			14000	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7439-92-1	Lead	5	ug/L	U			15	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7439-93-2	Lithium	112	ug/L					
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7439-95-4	Magnesium	785	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7439-96-5	Manganese	6.94	ug/L	U			3200000	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7440-02-0	Nickel	10	ug/L	U			400	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7440-09-7	Potassium	85.4	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7440-20-2	Scandium	114	ug/L					
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7782-49-2	Selenium	10	ug/L	U			100	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7440-22-4	Silver	1	ug/L	U			1100000	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7440-23-5	Sodium	5340	ug/L	J				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	15492-51-0	Terbium	103	ug/L					
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7440-28-0	Thallium	1	ug/L	U			0.2	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7440-62-2	Vanadium	5	ug/L				86	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7440-65-5	Yttrium	109	ug/L					
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW6020B	7440-66-6	Zinc	20	ug/L	U			6000	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW7470A	7439-97-6	Mercury	0.4	ug/L	U			11	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	53-19-0	2,4-DDD	0.0103	ug/L	UJ				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	3424-82-6	2,4-DDE	0.0103	ug/L	UJ				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	789-02-6	2,4-DDT	0.0103	ug/L	UJ				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	72-54-8	4,4'-DDD	0.0114	ug/L	U			3.2	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	72-55-9	4,4'-DDE	0.0228	ug/L	U			310	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	50-29-3	4,4'-DDT	0.0569	ug/L	U			0.23	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	309-00-2	Aldrin	0.0228	ug/L	U			3.5	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	319-84-6	alpha-BHC	0.0228	ug/L	U			18	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	5103-71-9	alpha-Chlordane	0.0284	ug/L	U			0.45	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	319-85-7	beta-BHC	0.0228	ug/L	U			0.025	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	319-86-8	delta-BHC	0.0228	ug/L	U			0.0072	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	60-57-1	Dieldrin	0.0228	ug/L	U			2.4	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	959-98-8	Endosulfan I	0.0228	ug/L	U			98	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	33213-65-9	Endosulfan II	0.0228	ug/L	U			98	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	1031-07-8	Endosulfan sulfate	0.0284	ug/L	U			98	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	72-20-8	Endrin	0.0228	ug/L	U			170	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	7421-93-4	Endrin aldehyde	0.0284	ug/L	U			170	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	53494-70-5	Endrin ketone	0.0228	ug/L	U			170	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	58-89-9	gamma-BHC (Lindane)	0.0228	ug/L	U			100	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	5103-74-2	gamma-Chlordane	0.0284	ug/L	U			0.45	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	76-44-8	Heptachlor	0.0228	ug/L	U			1.8	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	1024-57-3	Heptachlor epoxide	0.0228	ug/L	U			3.2	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	72-43-5	Methoxychlor	0.0569	ug/L	U			37	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	27304-13-8	Oxychlordane	0.0103	ug/L	UJ				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8081B	8001-35-2	Toxaphene	1.14	ug/L	U			18	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	630-20-6	1,1,1,2-Tetrachloroethane	0.2	ug/L	U			36	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	79-34-5	1,1,2,2-Tetrachloroethane	0.2	ug/L	U			30	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	79-00-5	1,1,2-Trichloroethane	0.2	ug/L	U			44	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	75-34-3	1,1-Dichloroethane	0.2	ug/L	U			55	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	96-18-4	1,2,3-Trichloropropane	0.2	ug/L	U			200	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	95-63-6	1,2,4-Trimethylbenzene	0.2	ug/L	U			2400	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	106-93-4	1,2-Dibromoethane (EDB)	0.2	ug/L	U			1.5	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	107-06-2	1,2-Dichloroethane	0.3	ug/L	U			18	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	78-87-5	1,2-Dichloropropane	0.3	ug/L	U			52	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	106-46-7	1,4-Dichlorobenzene	0.2	ug/L	U			25	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	594-20-7	2,2-Dichloropropane	0.2	ug/L	U			52	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	71-43-2	Benzene	0.2	ug/L	U			12	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	74-97-5	Bromochloromethane	0.2	ug/L	U			450	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	75-27-4	Bromodichloromethane	0.2	ug/L	U			6.9	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	56-23-5	Carbon tetrachloride	0.2	ug/L	U			3.1	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	67-66-3	Chloroform	0.3	ug/L	U			5.9	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	156-59-2	cis-1,2-Dichloroethene	0.3	ug/L	U			1800	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	10061-01-5	cis-1,3-Dichloropropene	0.2	ug/L	U			40	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	124-48-1	Dibromochloromethane	0.2	ug/L	U			610	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	74-95-3	Dibromomethane	0.2	ug/L	U			950	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	87-68-3	Hexachlorobutadiene	0.2	ug/L	U			3.3	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	98-82-8	Isopropylbenzene	0.2	ug/L	U			9100	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	103-65-1	n-Propylbenzene	0.2	ug/L	U			22000	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	10061-02-6	trans-1,3-Dichloropropene	0.2	ug/L	U			21	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	79-01-6	Trichloroethene	0.2	ug/L	U			7.4	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8260B/D	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D	1319-77-3	3 & 4-Methylphenol	0.571	ug/L	U			370	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D	91-94-1	3,3'-Dichlorobenzidine	11.4	ug/L	U			0.17	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D	100-02-7	4-Nitrophenol	5.71	ug/L	U			5800	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D	92-87-5	Benzidine	45.7	ug/L	U			17	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D	111-44-4	Bis (2-chloroethyl) ether	0.571	ug/L	U			140	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D	85-68-7	Butyl benzylphthalate	0.571	ug/L	U			16	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D	86-74-8	Carbazole	0.571	ug/L	U			7.9	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D	132-64-9	Dibenzofuran	0.343	ug/L	U			7.9	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D	84-74-2	Di-n-butylphthalate	6.86	ug/L	U			900	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D	117-84-0	Di-n-octylphthalate	5.71	ug/L	U			200	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D	118-74-1	Hexachlorobenzene	0.571	ug/L	U			1.3	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D	62-75-9	N-Nitrosodimethylamine	0.571	ug/L	U			25	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	1.14	ug/L	U			370	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D	108-95-2	Phenol	0.571	ug/L	U			5800	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D SIM	91-57-6	2-Methylnaphthalene	0.0446	ug/L	U			36	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D SIM	83-32-9	Acenaphthene	0.0446	ug/L	U			510	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D SIM	208-96-8	Acenaphthylene	0.0446	ug/L	U			20	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D SIM	120-12-7	Anthracene	0.0446	ug/L	U			1800	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D SIM	56-55-3	Benzo(a)anthracene	0.0893	ug/L	U			2300	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D SIM	50-32-8	Benzo(a)pyrene	0.067	ug/L	U			0.025	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D SIM	205-99-2	Benzo(b)fluoranthene	0.067	ug/L	U			0.25	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D SIM	191-24-2	Benzo(g,h,i)perylene	0.0893	ug/L	U			120	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D SIM	207-08-9	Benzo(k)fluoranthene	0.0893	ug/L	U			2.5	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D SIM	117-81-7	Bis (2-ethylhexyl) phthalate	1.12	ug/L	U			5.6	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D SIM	218-01-9	Chrysene	0.134	ug/L	U			25	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D SIM	53-70-3	Dibenzo(a,h)anthracene	0.134	ug/L	U			0.025	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D SIM	206-44-0	Fluoranthene	0.0893	ug/L	U			800	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D SIM	86-73-7	Fluorene	0.0446	ug/L	U			280	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0893	ug/L	U			0.25	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D SIM	91-20-3	Naphthalene	0.0893	ug/L	U			20	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D SIM	85-01-8	Phenanthrene	0.134	ug/L	U			1800	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	SW8270D SIM	129-00-0	Pyrene	0.067	ug/L	U			110	
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.226587	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.9155	ug/L	U				
MW-08	723611.623	7834885.396	4/6/2022	52.99 - 57.99	WG	N	22D0352-04	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.491	ug/L	U				
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	0.5	ug/L	U			36	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	71-55-6	1,1,1-Trichloroethane	0.5	ug/L	U			53000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	0.5	ug/L	U			30	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	79-00-5	1,1,2-Trichloroethane	0.5	ug/L	U			44	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	75-34-3	1,1-Dichloroethane	0.5	ug/L	U			55	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	75-35-4	1,1-Dichloroethene	0.5	ug/L	U			1300	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	563-58-6	1,1-Dichloropropene	0.5	ug/L	U			40	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	87-61-6	1,2,3-Trichlorobenzene	0.5	ug/L	U			7	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	96-18-4	1,2,3-Trichloropropane	0.5	ug/L	U			200	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	95-63-6	1,2,4-Trimethylbenzene	0.5	ug/L	U			2400	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	106-93-4	1,2-Dibromoethane (EDB)	0.5	ug/L	U			1.5	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	107-06-2	1,2-Dichloroethane	0.5	ug/L	U			18	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	78-87-5	1,2-Dichloropropane	0.5	ug/L	U			52	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	108-67-8	1,3,5-Trimethylbenzene	0.5	ug/L	U			1700	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	142-28-9	1,3-Dichloropropane	0.5	ug/L	U			370	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	594-20-7	2,2-Dichloropropane	0.5	ug/L	U			52	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	95-49-8	2-Chlorotoluene	0.5	ug/L	U			240	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	591-78-6	2-Hexanone	2.5	ug/L	U			72000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	106-43-4	4-Chlorotoluene	0.5	ug/L	U			250	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	67-64-1	Acetone	15.4	ug/L				18000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	71-43-2	Benzene	0.5	ug/L	U			12	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	108-86-1	Bromobenzene	0.5	ug/L	U			6300	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	74-97-5	Bromochloromethane	0.5	ug/L	U			450	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	75-27-4	Bromodichloromethane	0.5	ug/L	U			6.9	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	75-25-2	Bromoform	0.5	ug/L	U			1100	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	74-83-9	Bromomethane	1	ug/L	U			110	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	75-15-0	Carbon disulfide	3.95	ug/L				8200	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	56-23-5	Carbon tetrachloride	0.5	ug/L	U			3.1	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	108-90-7	Chlorobenzene	0.5	ug/L	U			3400	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	75-00-3	Chloroethane	0.5	ug/L	U			57000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	67-66-3	Chloroform	0.609	ug/L	J			5.9	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	74-87-3	Chloromethane	0.5	ug/L	U			1500	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	156-59-2	cis-1,2-Dichloroethene	0.5	ug/L	U			1800	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	10061-01-5	cis-1,3-Dichloropropene	0.5	ug/L	U			40	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	124-48-1	Dibromochloromethane	0.5	ug/L	U			610	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	74-95-3	Dibromomethane	0.5	ug/L	U			950	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	75-71-8	Dichlorodifluoromethane	0.5	ug/L	U			41	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	100-41-4	Ethylbenzene	0.5	ug/L	U			31	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	98-82-8	Isopropylbenzene	0.5	ug/L	U			9100	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	179601-23-1	m,p-Xylene	1	ug/L	U			3000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	75-09-2	Methylene chloride	0.5	ug/L	U			15000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	2.5	ug/L	U			4600000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	104-51-8	n-Butylbenzene	0.5	ug/L	U			1000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	103-65-1	n-Propylbenzene	0.5	ug/L	U			22000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	95-47-6	o-Xylene	0.5	ug/L	U			4300	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	99-87-6	p-Cymene	0.5	ug/L	U			9100	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	135-98-8	sec-Butylbenzene	0.5	ug/L	U			2000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	100-42-5	Styrene	0.5	ug/L	U			84000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	98-06-6	tert-Butylbenzene	0.5	ug/L	U			690	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	127-18-4	Tetrachloroethene	1.95	ug/L				130	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	108-88-3	Toluene	0.5	ug/L	U			150000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	156-60-5	trans-1,2-Dichloroethene	0.5	ug/L	U			457	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	10061-02-6	trans-1,3-Dichloropropene	0.5	ug/L	U			21	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	79-01-6	Trichloroethene	0.5	ug/L	U			7.4	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	75-69-4	Trichlorofluoromethane	0.5	ug/L	U			160000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	108-05-4	Vinyl acetate	2.5	ug/L	U			80000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8260	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	120-82-1	1,2,4-Trichlorobenzene	0.227	ug/L	U			380	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	95-50-1	1,2-Dichlorobenzene	0.227	ug/L	U			25000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	541-73-1	1,3-Dichlorobenzene	0.241	ug/L	U			25	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	106-46-7	1,4-Dichlorobenzene	0.213	ug/L	U			25	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	95-95-4	2,4,5-Trichlorophenol	0.156	ug/L	U			1200	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	88-06-2	2,4,6-Trichlorophenol	0.17	ug/L	U			1700	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	120-83-2	2,4-Dichlorophenol	0.213	ug/L	U			46	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	105-67-9	2,4-Dimethylphenol	0.213	ug/L	U			360	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	51-28-5	2,4-Dinitrophenol	0.426	ug/L	U			39	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	121-14-2	2,4-Dinitrotoluene	0.185	ug/L	U			0.24	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	606-20-2	2,6-Dinitrotoluene	0.284	ug/L	U			830	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	91-58-7	2-Chloronaphthalene	0.0213	ug/L	U			750	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	95-57-8	2-Chlorophenol	0.241	ug/L	U			91	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	91-57-6	2-Methylnaphthalene	0.36	ug/L	J			36	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	95-48-7	2-Methylphenol	0.341	ug/L	U			930	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	88-74-4	2-Nitroaniline	0.256	ug/L	U			190	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	88-75-5	2-Nitrophenol	0.313	ug/L	U			5800	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	91-94-1	3,3'-Dichlorobenzidine	0.511	ug/L	U			0.17	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	99-09-2	3-Nitroaniline	0.469	ug/L	U			190	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	0.313	ug/L	U			1.5	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	101-55-3	4-Bromophenyl phenyl ether	0.284	ug/L	U				
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	59-50-7	4-Chloro-3-methylphenol	0.767	ug/L	U			1400	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	106-47-8	4-Chloroaniline	0.554	ug/L	U			0.37	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	0.213	ug/L	U				
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	106-44-5	4-Methylphenol	0.327	ug/L	U			370	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	100-01-6	4-Nitroaniline	0.298	ug/L	U			3.8	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	100-02-7	4-Nitrophenol	0.412	ug/L	U			5800	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	83-32-9	Acenaphthene	0.239	ug/L				510	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	208-96-8	Acenaphthylene	0.0213	ug/L	U			20	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	62-53-3	Aniline	0.71	ug/L	U			13	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	120-12-7	Anthracene	0.0213	ug/L	U			1800	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	92-87-5	Benzidine	0.341	ug/L	U			17	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	56-55-3	Benzo(a)anthracene	0.0625	ug/L	U			2300	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	50-32-8	Benzo(a)pyrene	0.0668	ug/L	U			0.025	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	191-24-2	Benzo(g,h,i)perylene	0.0483	ug/L	U			120	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	56832-73-6	Benzofluoranthenes, Total	0.054	ug/L	U				
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	65-85-0	Benzoic acid	0.284	ug/L	U			75000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	100-51-6	Benzyl alcohol	0.455	ug/L	U			2000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	111-91-1	Bis (2-chloroethoxy) methane	0.256	ug/L	U			59	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	111-44-4	Bis (2-chloroethyl) ether	0.27	ug/L	U			140	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	0.923	ug/L	U			5.6	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	0.298	ug/L	U			710	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	85-68-7	Butyl benzylphthalate	2.66	ug/L	U			16	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	86-74-8	Carbazole	0.0398	ug/L	U			7.9	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	218-01-9	Chrysene	0.0355	ug/L	U			25	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	53-70-3	Dibenzo(a,h)anthracene	0.0384	ug/L	U			0.025	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	132-64-9	Dibenzofuran	0.199	ug/L	U			7.9	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	84-66-2	Diethyl phthalate	1.03	ug/L	J			15000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	131-11-3	Dimethyl phthalate	0.227	ug/L	U			15000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	84-74-2	Di-n-butylphthalate	3.28	ug/L	U			900	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	117-84-0	Di-n-octylphthalate	7.08	ug/L				200	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	206-44-0	Fluoranthene	0.027	ug/L	U			800	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	86-73-7	Fluorene	0.0199	ug/L	U			280	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	118-74-1	Hexachlorobenzene	0.284	ug/L	U			1.3	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	87-68-3	Hexachlorobutadiene	0.412	ug/L	U			3.3	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	77-47-4	Hexachlorocyclopentadiene	0.369	ug/L	U			48	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	67-72-1	Hexachloroethane	0.568	ug/L	U			7	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0426	ug/L	U			0.25	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	78-59-1	Isophorone	0.256	ug/L	U			78	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	91-20-3	Naphthalene	0.0313	ug/L	U			20	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	98-95-3	Nitrobenzene	0.639	ug/L	U			800	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	62-75-9	N-Nitrosodimethylamine	0.469	ug/L	U			25	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	621-64-7	N-Nitrosodi-n-propylamine	0.298	ug/L	U			370	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	86-30-6	N-Nitrosodiphenylamine	0.142	ug/L	U			12	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	87-86-5	Pentachlorophenol	0.241	ug/L	U			53	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	85-01-8	Phenanthrene	0.0313	ug/L	U			1800	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	108-95-2	Phenol	0.455	ug/L	U			5800	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	8270	129-00-0	Pyrene	0.0199	ug/L	U			110	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	METALS	7440-36-0	Antimony	0.294	ug/L	J			7.8	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	METALS	7440-38-2	Arsenic	0.728	ug/L	J			6300	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	METALS	7440-39-3	Barium	128	ug/L				4000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	METALS	7440-41-7	Beryllium	0.324	ug/L	J			270000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	METALS	7440-43-9	Cadmium	1.03	ug/L				130000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	METALS	7440-47-3	Chromium	4.73	ug/L				30000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	METALS	7440-50-8	Copper	39.7	ug/L				5400000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	METALS	7439-89-6	Iron	929	ug/L				14000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	METALS	7439-92-1	Lead	1.05	ug/L				15	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	METALS	7439-96-5	Manganese	355	ug/L				3200000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	METALS	7439-97-6	Mercury	0.131	ug/L	U			11	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	METALS	7440-02-0	Nickel	7.49	ug/L				400	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	METALS	7782-49-2	Selenium	5.63	ug/L				100	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	METALS	7440-22-4	Silver	0.1	ug/L	U			1100000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	METALS	7440-28-0	Thallium	0.166	ug/L	J			0.2	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	METALS	7440-66-6	Zinc	28.9	ug/L				6000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	NWTPH-Dx	TPH-D	Diesel Range Organics	471	ug/L				100	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	NWTPH-Dx	MOIL	Residual Range Organics	965	ug/L				300	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	100	ug/L	U			14000	
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.341	ug/L	U				
MW-09	723634.266	7834958.095	5/1/2002	15.18 - 20.18	WG	N	020501BIL04GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.7312	ug/L					
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	300.0	24959-67-9	Bromide	10	ug/L	U				
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	6010B	7440-70-2	Calcium, Dissolved	11600	ug/L					
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	6010B	7439-89-6	Iron	2550	ug/L				14000	
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	6010B	7439-89-6	Iron, Dissolved	176	ug/L				14000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	6010B	7439-95-4	Magnesium, Dissolved	2560	ug/L					
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	6010B	7440-09-7	Potassium, Dissolved	2680	ug/L					
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	6010B	7440-23-5	Sodium, Dissolved	11800	ug/L					
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	6020	7440-38-2	Arsenic	0.72	ug/L	U			6300	
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	6020	7440-38-2	Arsenic, Dissolved	1.4	ug/L				6300	
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	6020	7439-92-1	Lead	0.718	ug/L				15	
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	6020	7439-92-1	Lead, Dissolved	0.107	ug/L				15	
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	6020	7439-96-5	Manganese	103	ug/L				3200000	
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	6020	7439-96-5	Manganese, Dissolved	48.9	ug/L				3200000	
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	7470A	7439-97-6	Mercury	0.03	ug/L	J			11	
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	7470A	7439-97-6	Mercury, Dissolved	0.03	ug/L	U			11	
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	8260B	67-66-3	Chloroform	0.22	ug/L	J			5.9	
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	8260B	127-18-4	Tetrachloroethene	2.6	ug/L				130	
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	8270C	106-46-7	1,4-Dichlorobenzene	0.029	ug/L	U			25	
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	8270C	100-02-7	4-Nitrophenol	0.28	ug/L	U			5800	
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	8270C	85-01-8	Phenanthrene	0.022	ug/L	U			1800	
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	8270C	108-95-2	Phenol	0.063	ug/L	U			5800	
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	Krone	1002-53-5	Dibutyltin	0.0081	ug/L	U			6	
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	NWTPH-Dx	TPH-D	Diesel Range Organics	65	ug/L	J			100	
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	NWTPH-Dx	MOIL	Residual Range Organics	130	ug/L				300	
MW-09	723634.266	7834958.095	4/17/2008	15.18 - 20.18	WG	N	080417MW9GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-09	723634.266	7834958.095	1/14/2009	15.18 - 20.18	WG	N	090114MW9GW	6010B	7439-89-6	Iron	532	ug/L				14000	
MW-09	723634.266	7834958.095	1/14/2009	15.18 - 20.18	WG	N	090114MW9GW	6010B	7439-89-6	Iron, Dissolved	20	ug/L	U			14000	
MW-09	723634.266	7834958.095	1/14/2009	15.18 - 20.18	WG	N	090114MW9GW	6020	7440-38-2	Arsenic	0.5	ug/L	U			6300	
MW-09	723634.266	7834958.095	1/14/2009	15.18 - 20.18	WG	N	090114MW9GW	6020	7440-38-2	Arsenic, Dissolved	0.5	ug/L	U			6300	
MW-09	723634.266	7834958.095	1/14/2009	15.18 - 20.18	WG	N	090114MW9GW	6020	7439-92-1	Lead	0.871	ug/L				15	
MW-09	723634.266	7834958.095	1/14/2009	15.18 - 20.18	WG	N	090114MW9GW	6020	7439-92-1	Lead, Dissolved	0.044	ug/L				15	
MW-09	723634.266	7834958.095	1/14/2009	15.18 - 20.18	WG	N	090114MW9GW	6020	7439-96-5	Manganese	10.4	ug/L				3200000	
MW-09	723634.266	7834958.095	1/14/2009	15.18 - 20.18	WG	N	090114MW9GW	6020	7439-96-5	Manganese, Dissolved	10.4	ug/L				3200000	
MW-09	723634.266	7834958.095	1/14/2009	15.18 - 20.18	WG	N	090114MW9GW	8260B	67-66-3	Chloroform	0.45	ug/L	J			5.9	
MW-09	723634.266	7834958.095	1/14/2009	15.18 - 20.18	WG	N	090114MW9GW	8260B	127-18-4	Tetrachloroethene	4.8	ug/L				130	
MW-09	723634.266	7834958.095	1/14/2009	15.18 - 20.18	WG	N	090114MW9GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-09	723634.266	7834958.095	1/14/2009	15.18 - 20.18	WG	N	090114MW9GW	8270C	106-46-7	1,4-Dichlorobenzene	0.031	ug/L	U			25	
MW-09	723634.266	7834958.095	1/14/2009	15.18 - 20.18	WG	N	090114MW9GW	8270C	100-02-7	4-Nitrophenol	0.3	ug/L	U			5800	
MW-09	723634.266	7834958.095	1/14/2009	15.18 - 20.18	WG	N	090114MW9GW	8270C	85-01-8	Phenanthrene	0.024	ug/L	U			1800	
MW-09	723634.266	7834958.095	1/14/2009	15.18 - 20.18	WG	N	090114MW9GW	8270C	108-95-2	Phenol	0.067	ug/L	U			5800	
MW-09	723634.266	7834958.095	1/14/2009	15.18 - 20.18	WG	N	090114MW9GW	Krone	1002-53-5	Dibutyltin	0.0073	ug/L	U			6	
MW-09	723634.266	7834958.095	1/14/2009	15.18 - 20.18	WG	N	090114MW9GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-09	723634.266	7834958.095	1/14/2009	15.18 - 20.18	WG	N	090114MW9GW	NWTPH-Dx	TPH-D	Diesel Range Organics	110	ug/L	J			100	
MW-09	723634.266	7834958.095	1/14/2009	15.18 - 20.18	WG	N	090114MW9GW	NWTPH-Dx	MOIL	Residual Range Organics	130	ug/L				300	
MW-09	723634.266	7834958.095	1/14/2009	15.18 - 20.18	WG	N	090114MW9GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7429-90-5	Aluminum	9860	ug/L				20000	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7440-36-0	Antimony	4.85	ug/L	U			7.8	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7440-38-2	Arsenic	23.8	ug/L	J			6300	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7440-39-3	Barium	93.3	ug/L				4000	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7440-41-7	Beryllium	1.78	ug/L	J			270000	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7440-69-9	Bismuth	103	ug/L					
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7440-43-9	Cadmium	2	ug/L	U			130000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7440-70-2	Calcium	27100	ug/L					
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7440-47-3	Chromium	5.19	ug/L	J			30000	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7440-48-4	Cobalt	3.2	ug/L	J			6	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7440-50-8	Copper	84	ug/L				5400000	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7440-69-9	Germanium	94.5	ug/L					
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7440-74-6	Indium	96	ug/L					
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7439-89-6	Iron	22500	ug/L				14000	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7439-92-1	Lead	54.7	ug/L				15	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7439-93-2	Lithium	93.4	ug/L					
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7439-95-4	Magnesium	7780	ug/L					
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7439-96-5	Manganese	123	ug/L				3200000	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7440-02-0	Nickel	19.8	ug/L	J			400	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7440-09-7	Potassium	2850	ug/L					
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7440-20-2	Scandium	94.8	ug/L					
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7782-49-2	Selenium	10.5	ug/L	J			100	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7440-22-4	Silver	1	ug/L	U			1100000	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7440-23-5	Sodium	11900	ug/L	J				
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	15492-51-0	Terbium	110	ug/L					
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7440-28-0	Thallium	1	ug/L	U			0.2	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7440-62-2	Vanadium	51.9	ug/L				86	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7440-65-5	Yttrium	140	ug/L					
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW6020B	7440-66-6	Zinc	339	ug/L				6000	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW7470A	7439-97-6	Mercury	0.4	ug/L	U			11	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	630-20-6	1,1,1,2-Tetrachloroethane	0.2	ug/L	U			36	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	79-34-5	1,1,2,2-Tetrachloroethane	0.2	ug/L	U			30	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	79-00-5	1,1,2-Trichloroethane	0.2	ug/L	U			44	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	75-34-3	1,1-Dichloroethane	0.2	ug/L	U			55	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	96-18-4	1,2,3-Trichloropropane	0.2	ug/L	U			200	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	95-63-6	1,2,4-Trimethylbenzene	0.2	ug/L	U			2400	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	106-93-4	1,2-Dibromoethane (EDB)	0.2	ug/L	U			1.5	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	107-06-2	1,2-Dichloroethane	0.3	ug/L	U			18	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	78-87-5	1,2-Dichloropropane	0.3	ug/L	U			52	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	106-46-7	1,4-Dichlorobenzene	0.2	ug/L	U			25	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	594-20-7	2,2-Dichloropropane	0.2	ug/L	U			52	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	71-43-2	Benzene	0.2	ug/L	U			12	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	74-97-5	Bromochloromethane	0.2	ug/L	U			450	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	75-27-4	Bromodichloromethane	0.2	ug/L	U			6.9	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	56-23-5	Carbon tetrachloride	0.2	ug/L	U			3.1	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	67-66-3	Chloroform	0.3	ug/L	U			5.9	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	156-59-2	cis-1,2-Dichloroethene	0.3	ug/L	U			1800	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	10061-01-5	cis-1,3-Dichloropropene	0.2	ug/L	U			40	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	124-48-1	Dibromochloromethane	0.2	ug/L	U			610	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	74-95-3	Dibromomethane	0.2	ug/L	U			950	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	87-68-3	Hexachlorobutadiene	0.2	ug/L	U			3.3	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	98-82-8	Isopropylbenzene	0.2	ug/L	U			9100	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	103-65-1	n-Propylbenzene	0.2	ug/L	U			22000	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	127-18-4	Tetrachloroethene	2.96	ug/L				130	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	10061-02-6	trans-1,3-Dichloropropene	0.2	ug/L	U			21	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	79-01-6	Trichloroethene	0.2	ug/L	U			7.4	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8260B/D	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8270D	1319-77-3	3 & 4-Methylphenol	1.11	ug/L				370	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8270D	91-94-1	3,3'-Dichlorobenzidine	11.1	ug/L	U			0.17	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8270D	100-02-7	4-Nitrophenol	5.54	ug/L	U			5800	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8270D	92-87-5	Benzidine	44.3	ug/L	U			17	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8270D	111-44-4	Bis (2-chloroethyl) ether	0.554	ug/L	U			140	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8270D	85-68-7	Butyl benzylphthalate	0.554	ug/L	U			16	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8270D	86-74-8	Carbazole	0.554	ug/L	U			7.9	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8270D	132-64-9	Dibenzofuran	0.332	ug/L	U			7.9	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8270D	84-74-2	Di-n-butylphthalate	6.65	ug/L	U			900	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8270D	117-84-0	Di-n-octylphthalate	5.54	ug/L	U			200	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8270D	118-74-1	Hexachlorobenzene	0.554	ug/L	U			1.3	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8270D	62-75-9	N-Nitrosodimethylamine	0.554	ug/L	U			25	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	1.11	ug/L	U			370	
MW-09	723634.266	7834958.095	4/7/2022	15.18 - 20.18	WG	N	22D0402-03	SW8270D	108-95-2	Phenol	0.554	ug/L	U			5800	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6010B	7440-70-2	Calcium	29500	ug/L					
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6010B	7440-70-2	Calcium, Dissolved	30100	ug/L					
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6010B	7439-89-6	Iron	434	ug/L	U			14000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6010B	7439-89-6	Iron, Dissolved	12.3	ug/L	J			14000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6010B	7439-95-4	Magnesium	8340	ug/L					
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6010B	7439-95-4	Magnesium, Dissolved	8180	ug/L					
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6010B	7439-96-5	Manganese	243	ug/L				3200000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6010B	7439-96-5	Manganese, Dissolved	222	ug/L				3200000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6010B	7440-02-0	Nickel	0.02	ug/L	U			400	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6010B	7440-02-0	Nickel, Dissolved	0.02	ug/L	U			400	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6010B	7440-09-7	Potassium	4810	ug/L					
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6010B	7440-09-7	Potassium, Dissolved	4950	ug/L					
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6010B	7440-23-5	Sodium	5610	ug/L					
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6010B	7440-23-5	Sodium, Dissolved	5600	ug/L	U				
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6010B	7440-62-2	Vanadium	1.7	ug/L	J			86	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6010B	7440-62-2	Vanadium, Dissolved	0.01	ug/L	U			86	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6010B	7440-66-6	Zinc	6.8	ug/L	J			6000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6010B	7440-66-6	Zinc, Dissolved	1.6	ug/L	U			6000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7429-90-5	Aluminum	209	ug/L				20000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7429-90-5	Aluminum, Dissolved	2.2	ug/L				20000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7440-36-0	Antimony	0.078	ug/L				7.8	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7440-36-0	Antimony, Dissolved	0.049	ug/L	J			7.8	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7440-38-2	Arsenic	1.32	ug/L	U			6300	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7440-38-2	Arsenic, Dissolved	1.31	ug/L				6300	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7440-39-3	Barium	26.5	ug/L				4000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7440-39-3	Barium, Dissolved	23.1	ug/L				4000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7440-41-7	Beryllium	0.00002	ug/L	U			270000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7440-41-7	Beryllium, Dissolved	0.00002	ug/L	U			270000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7440-43-9	Cadmium	0.074	ug/L	U			130000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7440-43-9	Cadmium, Dissolved	0.035	ug/L				130000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7440-47-3	Chromium	0.57	ug/L	U			30000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7440-47-3	Chromium, Dissolved	0.18	ug/L	J			30000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7440-48-4	Cobalt	0.295	ug/L				6	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7440-48-4	Cobalt, Dissolved	0.084	ug/L	U			6	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7440-50-8	Copper	0.7	ug/L	U			5400000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7440-50-8	Copper, Dissolved	0.16	ug/L	U			5400000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7439-92-1	Lead	0.585	ug/L	U			15	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7439-92-1	Lead, Dissolved	0.032	ug/L	J			15	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7782-49-2	Selenium	0.001	ug/L	U			100	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7782-49-2	Selenium, Dissolved	0.001	ug/L	U			100	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7440-22-4	Silver	0.066	ug/L	U			1100000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7440-22-4	Silver, Dissolved	0.163	ug/L				1100000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7440-28-0	Thallium	0.00002	ug/L	U			0.2	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	6020	7440-28-0	Thallium, Dissolved	0.00002	ug/L	U			0.2	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	7470A	7439-97-6	Mercury	0.0002	ug/L	U			11	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	7470A	7439-97-6	Mercury, Dissolved	0.0002	ug/L	U			11	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	8270C	106-46-7	1,4-Dichlorobenzene	0.23	ug/L	U			25	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	8270C	100-02-7	4-Nitrophenol	2.3	ug/L	U			5800	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	8270C	205-99-2	Benzo(b)fluoranthene	0.23	ug/L	U			0.25	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	8270C	207-08-9	Benzo(k)fluoranthene	0.23	ug/L	U			2.5	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	8270C	85-01-8	Phenanthrene	0.23	ug/L	U			1800	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	8270C	108-95-2	Phenol	0.56	ug/L	U			5800	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	Krone	1002-53-5	Dibutyltin	0.05	ug/L	U			6	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	FD	080415MW21GW	Krone	78763-54-9	Monobutyltin	0.038	ug/L	J			3.7	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	300.0	24959-67-9	Bromide	10	ug/L	U				
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6010B	7440-70-2	Calcium	29200	ug/L					
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6010B	7440-70-2	Calcium, Dissolved	29500	ug/L					
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6010B	7439-89-6	Iron	436	ug/L	U			14000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6010B	7439-89-6	Iron, Dissolved	9.1	ug/L	J			14000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6010B	7439-95-4	Magnesium	8290	ug/L					
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6010B	7439-95-4	Magnesium, Dissolved	7990	ug/L					
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6010B	7439-96-5	Manganese	246	ug/L				3200000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6010B	7439-96-5	Manganese, Dissolved	214	ug/L				3200000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6010B	7440-02-0	Nickel	0.5	ug/L	U			400	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6010B	7440-02-0	Nickel, Dissolved	0.5	ug/L	U			400	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6010B	7440-09-7	Potassium	4790	ug/L					
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6010B	7440-09-7	Potassium, Dissolved	4810	ug/L					
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6010B	7440-23-5	Sodium	5640	ug/L					
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6010B	7440-23-5	Sodium, Dissolved	5440	ug/L	U				
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6010B	7440-62-2	Vanadium	1.4	ug/L	J			86	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6010B	7440-62-2	Vanadium, Dissolved	0.8	ug/L	U			86	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6010B	7440-66-6	Zinc	5.5	ug/L	J			6000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6010B	7440-66-6	Zinc, Dissolved	10	ug/L	U			6000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7429-90-5	Aluminum	212	ug/L				20000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7429-90-5	Aluminum, Dissolved	2.3	ug/L				20000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7440-36-0	Antimony	0.082	ug/L				7.8	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7440-36-0	Antimony, Dissolved	0.051	ug/L				7.8	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7440-38-2	Arsenic	1.32	ug/L	U			6300	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7440-38-2	Arsenic, Dissolved	1.33	ug/L				6300	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7440-39-3	Barium	26.5	ug/L				4000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7440-39-3	Barium, Dissolved	22.6	ug/L				4000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7440-41-7	Beryllium	0.01	ug/L	J			270000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7440-41-7	Beryllium, Dissolved	0.008	ug/L	U			270000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7440-43-9	Cadmium	0.057	ug/L	U			130000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7440-43-9	Cadmium, Dissolved	0.027	ug/L				130000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7440-47-3	Chromium	0.57	ug/L	U			30000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7440-47-3	Chromium, Dissolved	0.18	ug/L	J			30000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7440-48-4	Cobalt	0.295	ug/L				6	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7440-48-4	Cobalt, Dissolved	0.079	ug/L	U			6	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7440-50-8	Copper	0.67	ug/L	U			5400000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7440-50-8	Copper, Dissolved	0.3	ug/L	U			5400000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7439-92-1	Lead	0.363	ug/L	U			15	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7439-92-1	Lead, Dissolved	0.012	ug/L	J			15	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7782-49-2	Selenium	0.4	ug/L	U			100	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7782-49-2	Selenium, Dissolved	0.4	ug/L	U			100	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7440-22-4	Silver	0.184	ug/L	U			1100000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7440-22-4	Silver, Dissolved	0.071	ug/L				1100000	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7440-28-0	Thallium	0.008	ug/L	U			0.2	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	6020	7440-28-0	Thallium, Dissolved	0.008	ug/L	U			0.2	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	7470A	7439-97-6	Mercury	0.03	ug/L	U			11	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	7470A	7439-97-6	Mercury, Dissolved	0.03	ug/L	U			11	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	8270C	106-46-7	1,4-Dichlorobenzene	0.033	ug/L	UJ			25	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	8270C	100-02-7	4-Nitrophenol	0.32	ug/L	U			5800	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	8270C	205-99-2	Benzo(b)fluoranthene	0.025	ug/L	J			0.25	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	8270C	207-08-9	Benzo(k)fluoranthene	0.027	ug/L	U			2.5	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	8270C	85-01-8	Phenanthrene	0.025	ug/L	U			1800	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	8270C	108-95-2	Phenol	0.07	ug/L	U			5800	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	Krone	1002-53-5	Dibutyltin	0.0081	ug/L	U			6	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	Krone	78763-54-9	Monobutyltin	0.031	ug/L	J			3.7	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	NWTPH-Dx	TPH-D	Diesel Range Organics	14	ug/L	U			100	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	NWTPH-Dx	MOIL	Residual Range Organics	24	ug/L	U			300	
MW-10	723406.972	7834959.594	4/15/2008	47 - 57	WG	N	080415MW10GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6010B	7440-70-2	Calcium	30900	ug/L					
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6010B	7440-70-2	Calcium, Dissolved	29800	ug/L					
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6010B	7439-89-6	Iron	120	ug/L				14000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6010B	7439-89-6	Iron, Dissolved	8.2	ug/L	J			14000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6010B	7439-95-4	Magnesium	8130	ug/L					
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6010B	7439-95-4	Magnesium, Dissolved	7770	ug/L					
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6010B	7439-96-5	Manganese	262	ug/L				3200000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6010B	7439-96-5	Manganese, Dissolved	222	ug/L				3200000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6010B	7440-09-7	Potassium	4950	ug/L					
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6010B	7440-09-7	Potassium, Dissolved	4660	ug/L					
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6010B	7440-23-5	Sodium	5270	ug/L					
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6010B	7440-23-5	Sodium, Dissolved	4900	ug/L					
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7429-90-5	Aluminum	50.9	ug/L				20000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7429-90-5	Aluminum, Dissolved	2.3	ug/L				20000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-36-0	Antimony	0.031	ug/L	J			7.8	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-36-0	Antimony, Dissolved	0.00009	ug/L	U			7.8	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-38-2	Arsenic	1.29	ug/L				6300	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-38-2	Arsenic, Dissolved	1.17	ug/L				6300	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-39-3	Barium	21.6	ug/L				4000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-39-3	Barium, Dissolved	19.5	ug/L				4000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-41-7	Beryllium	0.00002	ug/L	U			270000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-41-7	Beryllium, Dissolved	0.00002	ug/L	U			270000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-43-9	Cadmium	0.00002	ug/L	U			130000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-43-9	Cadmium, Dissolved	0.00002	ug/L	U			130000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-47-3	Chromium	0.21	ug/L				30000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-47-3	Chromium, Dissolved	0.14	ug/L	J			30000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-48-4	Cobalt	0.178	ug/L				6	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-48-4	Cobalt, Dissolved	0.107	ug/L				6	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-50-8	Copper	0.29	ug/L				5400000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-50-8	Copper, Dissolved	0.09	ug/L	J			5400000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7439-92-1	Lead	0.142	ug/L				15	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7439-92-1	Lead, Dissolved	0.024	ug/L	U			15	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-02-0	Nickel	1.12	ug/L				400	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-02-0	Nickel, Dissolved	1.08	ug/L				400	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7782-49-2	Selenium	0.0012	ug/L	U			100	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7782-49-2	Selenium, Dissolved	0.0012	ug/L	U			100	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-22-4	Silver	0.00003	ug/L	U			1100000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-22-4	Silver, Dissolved	0.00003	ug/L	U			1100000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-28-0	Thallium	0.006	ug/L	U			0.2	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-28-0	Thallium, Dissolved	0.00002	ug/L	U			0.2	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-62-2	Vanadium	0.22	ug/L				86	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-62-2	Vanadium, Dissolved	0.0002	ug/L	U			86	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-66-6	Zinc	1.9	ug/L				6000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	6020	7440-66-6	Zinc, Dissolved	1.5	ug/L				6000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	7470A	7439-97-6	Mercury	0.0002	ug/L	U			11	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	FD	080716MW22GW	7470A	7439-97-6	Mercury, Dissolved	0.0002	ug/L	U			11	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6010B	7440-70-2	Calcium	31000	ug/L					
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6010B	7440-70-2	Calcium, Dissolved	30400	ug/L					
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6010B	7439-89-6	Iron	112	ug/L				14000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6010B	7439-89-6	Iron, Dissolved	11.4	ug/L	J			14000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6010B	7439-95-4	Magnesium	8150	ug/L					
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6010B	7439-95-4	Magnesium, Dissolved	7910	ug/L					
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6010B	7439-96-5	Manganese	255	ug/L				3200000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6010B	7439-96-5	Manganese, Dissolved	233	ug/L				3200000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6010B	7440-09-7	Potassium	4960	ug/L					
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6010B	7440-09-7	Potassium, Dissolved	4760	ug/L					
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6010B	7440-23-5	Sodium	5240	ug/L					
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6010B	7440-23-5	Sodium, Dissolved	5050	ug/L					
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7429-90-5	Aluminum	45.9	ug/L				20000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7429-90-5	Aluminum, Dissolved	2.4	ug/L				20000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-36-0	Antimony	0.029	ug/L	J			7.8	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-36-0	Antimony, Dissolved	0.01	ug/L	U			7.8	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-38-2	Arsenic	1.16	ug/L				6300	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-38-2	Arsenic, Dissolved	1.09	ug/L				6300	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-39-3	Barium	20	ug/L				4000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-39-3	Barium, Dissolved	19.4	ug/L				4000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-41-7	Beryllium	0.02	ug/L	U			270000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-41-7	Beryllium, Dissolved	0.02	ug/L	U			270000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-43-9	Cadmium	0.02	ug/L	U			130000	

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-43-9	Cadmium, Dissolved	0.02	ug/L	U			130000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-47-3	Chromium	0.21	ug/L				30000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-47-3	Chromium, Dissolved	0.1	ug/L	J			30000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-48-4	Cobalt	0.162	ug/L				6	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-48-4	Cobalt, Dissolved	0.11	ug/L				6	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-50-8	Copper	0.23	ug/L				5400000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-50-8	Copper, Dissolved	0.1	ug/L	J			5400000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7439-92-1	Lead	0.118	ug/L				15	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7439-92-1	Lead, Dissolved	0.03	ug/L	U			15	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-02-0	Nickel	1.02	ug/L				400	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-02-0	Nickel, Dissolved	1.06	ug/L				400	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7782-49-2	Selenium	0.5	ug/L	U			100	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7782-49-2	Selenium, Dissolved	0.5	ug/L	U			100	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-22-4	Silver	0.009	ug/L	U			1100000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-22-4	Silver, Dissolved	0.009	ug/L	U			1100000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-28-0	Thallium	0.005	ug/L	U			0.2	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-28-0	Thallium, Dissolved	0.005	ug/L	U			0.2	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-62-2	Vanadium	0.13	ug/L	J			86	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-62-2	Vanadium, Dissolved	0.07	ug/L	U			86	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-66-6	Zinc	1.6	ug/L				6000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	6020	7440-66-6	Zinc, Dissolved	1.1	ug/L				6000	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	7470A	7439-97-6	Mercury	0.05	ug/L	U			11	
MW-10	723406.972	7834959.594	7/16/2008	47 - 57	WG	N	080716MW10GW	7470A	7439-97-6	Mercury, Dissolved	0.05	ug/L	U			11	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6010B	7429-90-5	Aluminum	198	ug/L				20000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6010B	7440-70-2	Calcium	29500	ug/L					
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6010B	7440-70-2	Calcium, Dissolved	29100	ug/L					
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6010B	7439-89-6	Iron	558	ug/L	J			14000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6010B	7439-89-6	Iron, Dissolved	26.9	ug/L				14000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6010B	7439-95-4	Magnesium	7720	ug/L					
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6010B	7439-95-4	Magnesium, Dissolved	7400	ug/L					
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6010B	7439-96-5	Manganese	208	ug/L				3200000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6010B	7439-96-5	Manganese, Dissolved	200	ug/L				3200000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6010B	7440-09-7	Potassium	4780	ug/L					
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6010B	7440-09-7	Potassium, Dissolved	4740	ug/L					
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6010B	7440-23-5	Sodium	4980	ug/L					
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6010B	7440-23-5	Sodium, Dissolved	4840	ug/L					
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7429-90-5	Aluminum, Dissolved	2.7	ug/L				20000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-36-0	Antimony	0.025	ug/L	J			7.8	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-36-0	Antimony, Dissolved	0.014	ug/L	J			7.8	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-38-2	Arsenic	1.8	ug/L				6300	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-38-2	Arsenic, Dissolved	1.44	ug/L				6300	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-39-3	Barium	18.4	ug/L				4000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-39-3	Barium, Dissolved	17.1	ug/L				4000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-41-7	Beryllium	0.00002	ug/L	U			270000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-41-7	Beryllium, Dissolved	0.00002	ug/L	U			270000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-43-9	Cadmium	0.046	ug/L				130000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-43-9	Cadmium, Dissolved	0.048	ug/L				130000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-47-3	Chromium	4.83	ug/L	J			30000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-47-3	Chromium, Dissolved	0.26	ug/L	U			30000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-48-4	Cobalt	0.347	ug/L				6	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-48-4	Cobalt, Dissolved	0.139	ug/L				6	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-50-8	Copper	1.25	ug/L				5400000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-50-8	Copper, Dissolved	0.34	ug/L				5400000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7439-92-1	Lead	0.259	ug/L				15	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7439-92-1	Lead, Dissolved	0.077	ug/L	U			15	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-02-0	Nickel	7.31	ug/L				400	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-02-0	Nickel, Dissolved	1.38	ug/L				400	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7782-49-2	Selenium	0.001	ug/L	U			100	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7782-49-2	Selenium, Dissolved	0.001	ug/L	U			100	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-22-4	Silver	0.01	ug/L	U			1100000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-22-4	Silver, Dissolved	0.013	ug/L	U			1100000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-28-0	Thallium	0.00002	ug/L	U			0.2	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-28-0	Thallium, Dissolved	0.00002	ug/L	U			0.2	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-62-2	Vanadium	0.36	ug/L				86	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-62-2	Vanadium, Dissolved	0.0002	ug/L	U			86	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-66-6	Zinc	10.3	ug/L	J			6000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	6020	7440-66-6	Zinc, Dissolved	3.12	ug/L				6000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	7470A	7439-97-6	Mercury	0.0002	ug/L	U			11	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	FD	081022MW20GW	7470A	7439-97-6	Mercury, Dissolved	0.0002	ug/L	U			11	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6010B	7429-90-5	Aluminum	149	ug/L				20000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6010B	7440-70-2	Calcium	28800	ug/L					
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6010B	7440-70-2	Calcium, Dissolved	28800	ug/L					
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6010B	7439-89-6	Iron	344	ug/L	J			14000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6010B	7439-89-6	Iron, Dissolved	22.8	ug/L				14000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6010B	7439-95-4	Magnesium	7520	ug/L					
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6010B	7439-95-4	Magnesium, Dissolved	7320	ug/L					
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6010B	7439-96-5	Manganese	208	ug/L				3200000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6010B	7439-96-5	Manganese, Dissolved	194	ug/L				3200000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6010B	7440-09-7	Potassium	4630	ug/L					
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6010B	7440-09-7	Potassium, Dissolved	4680	ug/L					
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6010B	7440-23-5	Sodium	4900	ug/L					
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6010B	7440-23-5	Sodium, Dissolved	4810	ug/L					
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7429-90-5	Aluminum, Dissolved	2.5	ug/L				20000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-36-0	Antimony	0.05	ug/L	U			7.8	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-36-0	Antimony, Dissolved	0.01	ug/L	U			7.8	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-38-2	Arsenic	1.56	ug/L				6300	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-38-2	Arsenic, Dissolved	1.49	ug/L				6300	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-39-3	Barium	18.6	ug/L				4000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-39-3	Barium, Dissolved	17.7	ug/L				4000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-41-7	Beryllium	0.02	ug/L	U			270000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-41-7	Beryllium, Dissolved	0.02	ug/L	U			270000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-43-9	Cadmium	0.052	ug/L				130000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-43-9	Cadmium, Dissolved	0.037	ug/L				130000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-47-3	Chromium	3.13	ug/L	J			30000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-47-3	Chromium, Dissolved	0.29	ug/L				30000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-48-4	Cobalt	0.299	ug/L				6	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-48-4	Cobalt, Dissolved	0.138	ug/L				6	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-50-8	Copper	0.99	ug/L				5400000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-50-8	Copper, Dissolved	0.29	ug/L				5400000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7439-92-1	Lead	0.236	ug/L				15	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7439-92-1	Lead, Dissolved	0.068	ug/L	U			15	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-02-0	Nickel	5.93	ug/L				400	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-02-0	Nickel, Dissolved	1.44	ug/L				400	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7782-49-2	Selenium	0.4	ug/L	U			100	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7782-49-2	Selenium, Dissolved	0.4	ug/L	U			100	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-22-4	Silver	0.009	ug/L	U			1100000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-22-4	Silver, Dissolved	0.009	ug/L	U			1100000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-28-0	Thallium	0.005	ug/L	U			0.2	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-28-0	Thallium, Dissolved	0.005	ug/L	U			0.2	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-62-2	Vanadium	0.28	ug/L				86	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-62-2	Vanadium, Dissolved	0.07	ug/L	U			86	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-66-6	Zinc	6.25	ug/L	J			6000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	6020	7440-66-6	Zinc, Dissolved	3.17	ug/L				6000	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	7470A	7439-97-6	Mercury	0.05	ug/L	U			11	
MW-10	723406.972	7834959.594	10/22/2008	47 - 57	WG	N	081022MW10GW	7470A	7439-97-6	Mercury, Dissolved	0.05	ug/L	U			11	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6010B	7440-70-2	Calcium	30300	ug/L	J				
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6010B	7440-70-2	Calcium, Dissolved	29500	ug/L	J				
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6010B	7439-89-6	Iron	37	ug/L	U			14000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6010B	7439-89-6	Iron, Dissolved	19.2	ug/L	U			14000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6010B	7439-95-4	Magnesium	7640	ug/L					
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6010B	7439-95-4	Magnesium, Dissolved	7400	ug/L					
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6010B	7439-96-5	Manganese	203	ug/L				3200000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6010B	7439-96-5	Manganese, Dissolved	186	ug/L				3200000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6010B	7440-09-7	Potassium	4890	ug/L					
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6010B	7440-09-7	Potassium, Dissolved	4800	ug/L					
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6010B	7440-23-5	Sodium	4970	ug/L					
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6010B	7440-23-5	Sodium, Dissolved	4810	ug/L					
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6010B	7440-66-6	Zinc	2.4	ug/L	J			6000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6010B	7440-66-6	Zinc, Dissolved	1.1	ug/L	J			6000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7429-90-5	Aluminum	5.3	ug/L				20000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7429-90-5	Aluminum, Dissolved	2.1	ug/L				20000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-36-0	Antimony	0.071	ug/L	J			7.8	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-36-0	Antimony, Dissolved	0.00009	ug/L	U			7.8	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-38-2	Arsenic	1.6	ug/L				6300	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-38-2	Arsenic, Dissolved	1.5	ug/L				6300	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-39-3	Barium	17.4	ug/L				4000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-39-3	Barium, Dissolved	15.4	ug/L				4000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-41-7	Beryllium	0.00002	ug/L	U			270000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-41-7	Beryllium, Dissolved	0.00002	ug/L	U			270000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-43-9	Cadmium	0.00002	ug/L	U			130000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-43-9	Cadmium, Dissolved	0.00002	ug/L	U			130000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-47-3	Chromium	0.15	ug/L	J			30000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-47-3	Chromium, Dissolved	0.06	ug/L	J			30000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-48-4	Cobalt	0.071	ug/L				6	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-48-4	Cobalt, Dissolved	0.062	ug/L				6	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-50-8	Copper	0.12	ug/L				5400000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-50-8	Copper, Dissolved	0.07	ug/L	J			5400000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7439-92-1	Lead	0.17	ug/L				15	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7439-92-1	Lead, Dissolved	0.00003	ug/L	U			15	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-02-0	Nickel	0.55	ug/L				400	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-02-0	Nickel, Dissolved	0.8	ug/L				400	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7782-49-2	Selenium	0.0012	ug/L	U			100	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7782-49-2	Selenium, Dissolved	0.0012	ug/L	U			100	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-22-4	Silver	0.009	ug/L	J			1100000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-22-4	Silver, Dissolved	0.00003	ug/L	U			1100000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-28-0	Thallium	0.00002	ug/L	U			0.2	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-28-0	Thallium, Dissolved	0.00002	ug/L	U			0.2	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-62-2	Vanadium	0.0002	ug/L	U			86	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	6020	7440-62-2	Vanadium, Dissolved	0.0002	ug/L	U			86	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	7470A	7439-97-6	Mercury	0.0002	ug/L	U			11	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	FD	090113MW20GW	7470A	7439-97-6	Mercury, Dissolved	0.0002	ug/L	U			11	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6010B	7440-70-2	Calcium	30800	ug/L	J				
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6010B	7440-70-2	Calcium, Dissolved	30100	ug/L	J				
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6010B	7439-89-6	Iron	37.8	ug/L	U			14000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6010B	7439-89-6	Iron, Dissolved	20.8	ug/L	U			14000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6010B	7439-95-4	Magnesium	7780	ug/L					
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6010B	7439-95-4	Magnesium, Dissolved	7550	ug/L					
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6010B	7439-96-5	Manganese	205	ug/L				3200000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6010B	7439-96-5	Manganese, Dissolved	188	ug/L				3200000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6010B	7440-09-7	Potassium	5000	ug/L					
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6010B	7440-09-7	Potassium, Dissolved	4880	ug/L					
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6010B	7440-23-5	Sodium	5060	ug/L					
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6010B	7440-23-5	Sodium, Dissolved	4940	ug/L					
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6010B	7440-66-6	Zinc	2.1	ug/L	J			6000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6010B	7440-66-6	Zinc, Dissolved	1.2	ug/L	J			6000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7429-90-5	Aluminum	7.6	ug/L				20000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7429-90-5	Aluminum, Dissolved	1.9	ug/L	J			20000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-36-0	Antimony	0.01	ug/L	U			7.8	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-36-0	Antimony, Dissolved	0.01	ug/L	U			7.8	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-38-2	Arsenic	1.6	ug/L				6300	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-38-2	Arsenic, Dissolved	1.6	ug/L				6300	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-39-3	Barium	17.1	ug/L				4000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-39-3	Barium, Dissolved	15.1	ug/L				4000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-41-7	Beryllium	0.02	ug/L	U			270000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-41-7	Beryllium, Dissolved	0.02	ug/L	U			270000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-43-9	Cadmium	0.02	ug/L	U			130000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-43-9	Cadmium, Dissolved	0.02	ug/L	U			130000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-47-3	Chromium	0.14	ug/L	J			30000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-47-3	Chromium, Dissolved	0.05	ug/L	U			30000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-48-4	Cobalt	0.071	ug/L				6	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-48-4	Cobalt, Dissolved	0.064	ug/L				6	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-50-8	Copper	0.13	ug/L				5400000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-50-8	Copper, Dissolved	0.09	ug/L	J			5400000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7439-92-1	Lead	0.033	ug/L				15	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7439-92-1	Lead, Dissolved	0.006	ug/L	J			15	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-02-0	Nickel	0.59	ug/L				400	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-02-0	Nickel, Dissolved	0.52	ug/L				400	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7782-49-2	Selenium	0.4	ug/L	U			100	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7782-49-2	Selenium, Dissolved	0.4	ug/L	U			100	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-22-4	Silver	0.009	ug/L	U			1100000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-22-4	Silver, Dissolved	0.009	ug/L	U			1100000	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-28-0	Thallium	0.005	ug/L	U			0.2	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-28-0	Thallium, Dissolved	0.005	ug/L	U			0.2	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-62-2	Vanadium	0.07	ug/L	U			86	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	6020	7440-62-2	Vanadium, Dissolved	0.07	ug/L	U			86	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	7470A	7439-97-6	Mercury	0.05	ug/L	U			11	
MW-10	723406.972	7834959.594	1/13/2009	47 - 57	WG	N	090113MW10GW	7470A	7439-97-6	Mercury, Dissolved	0.05	ug/L	U			11	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.04079	ug/L				1.3	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	2051-60-7	PCB-1	0.00011	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	33146-45-1	PCB-10	0.00002	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	60145-21-3	PCB-103	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	56558-16-8	PCB-104	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	32598-14-4	PCB-105	0.000064	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	70424-69-0	PCB-106	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	70424-68-9	PCB-107	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-108/124	PCB-108/124	0.000079	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	2050-67-1	PCB-11	0.00027	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-110/115	PCB-110/115	0.00042	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	39635-32-0	PCB-111	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	74472-36-9	PCB-112	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	74472-37-0	PCB-114	0.000039	ug/L	U			2.9	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	31508-00-6	PCB-118	0.00019	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-12/13	PCB-12/13	0.000049	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	68194-12-7	PCB-120	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	56558-18-0	PCB-121	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	76842-07-4	PCB-122	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	65510-44-3	PCB-123	0.000039	ug/L	U			1.4	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	57465-28-8	PCB-126	0.000039	ug/L	U			0.00042	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	39635-33-1	PCB-127	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-128/166	PCB-128/166	0.00014	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-129/138/163	PCB-129/138/163	0.0027	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	52663-66-8	PCB-130	0.0001	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	61798-70-7	PCB-131	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	38380-05-1	PCB-132	0.00088	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	35694-04-3	PCB-133	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	52704-70-8	PCB-134	0.00011	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-135/151	PCB-135/151	0.0012	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	38411-22-2	PCB-136	0.00036	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	35694-06-5	PCB-137	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-139/140	PCB-139/140	0.000079	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	34883-41-5	PCB-14	0.00002	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	52712-04-6	PCB-141	0.00081	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	41411-61-4	PCB-142	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	68194-15-0	PCB-143	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	68194-14-9	PCB-144	0.00018	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	74472-40-5	PCB-145	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	51908-16-8	PCB-146	0.0004	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-147/149	PCB-147/149	0.0028	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	74472-41-6	PCB-148	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	2050-68-2	PCB-15	0.000028	ug/L	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	68194-08-1	PCB-150	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	68194-09-2	PCB-152	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-153/168	PCB-153/168	0.0029	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	60145-22-4	PCB-154	0.000098	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	33979-03-2	PCB-155	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-156/157	PCB-156/157	0.00016	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	74472-42-7	PCB-158	0.00021	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	39635-35-3	PCB-159	0.000049	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	38444-78-9	PCB-16	0.000024	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	41411-62-5	PCB-160	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	74472-43-8	PCB-161	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	39635-34-2	PCB-162	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	74472-45-0	PCB-164	0.00021	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	74472-46-1	PCB-165	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	52663-72-6	PCB-167	0.000062	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	32774-16-6	PCB-169	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	37680-66-3	PCB-17	0.000022	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	35065-30-6	PCB-170	0.0016	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-171/173	PCB-171/173	0.0005	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	52663-74-8	PCB-172	0.00034	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	38411-25-5	PCB-174	0.0021	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	40186-70-7	PCB-175	0.000088	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	52663-65-7	PCB-176	0.00031	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	52663-70-4	PCB-177	0.001	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	52663-67-9	PCB-178	0.00045	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	52663-64-6	PCB-179	0.00079	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-18/30	PCB-18/30	0.000041	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-180/193	PCB-180/193	0.0039	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	74472-47-2	PCB-181	0.000049	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	60145-23-5	PCB-182	0.000049	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-183/185	PCB-183/185	0.0014	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	74472-48-3	PCB-184	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	74472-49-4	PCB-186	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	52663-68-0	PCB-187	0.0024	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	74487-85-7	PCB-188	0.00018	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	39635-31-9	PCB-189	0.000054	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	38444-73-4	PCB-19	0.0000077	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	41411-64-7	PCB-190	0.00032	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	74472-50-7	PCB-191	0.000068	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	74472-51-8	PCB-192	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	35694-08-7	PCB-194	0.00094	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	52663-78-2	PCB-195	0.00038	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	42740-50-1	PCB-196	0.00059	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-197/200	PCB-197/200	0.0002	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-198/199	PCB-198/199	0.0012	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	2051-61-8	PCB-2	0.00015	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-20/28	PCB-20/28	0.000027	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	40186-71-8	PCB-201	0.00016	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	2136-99-4	PCB-202	0.0002	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	52663-76-0	PCB-203	0.00059	ug/L					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	74472-52-9	PCB-204	0.000059	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	74472-53-0	PCB-205	0.000056	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	40186-72-9	PCB-206	0.00024	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	52663-79-3	PCB-207	0.000034	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	52663-77-1	PCB-208	0.000048	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	2051-24-3	PCB-209	0.00074	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-21/33	PCB-21/33	0.000045	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	38444-85-8	PCB-22	0.000018	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	55720-44-0	PCB-23	0.00002	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	55702-45-9	PCB-24	0.00002	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	55712-37-3	PCB-25	0.00002	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-26/29	PCB-26/29	0.000059	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	38444-76-7	PCB-27	0.00002	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	2051-62-9	PCB-3	0.000098	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	16606-02-3	PCB-31	0.000041	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	38444-77-8	PCB-32	0.000015	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	37680-68-5	PCB-34	0.00002	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	37680-69-6	PCB-35	0.00002	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	38444-87-0	PCB-36	0.00002	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	38444-90-5	PCB-37	0.00002	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	53555-66-1	PCB-38	0.00002	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	38444-88-1	PCB-39	0.00002	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	13029-08-8	PCB-4	0.000037	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-40/71	PCB-40/71	0.000079	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	52663-59-9	PCB-41	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	36559-22-5	PCB-42	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	70362-46-8	PCB-43	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-44/47/65	PCB-44/47/65	0.00012	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	70362-45-7	PCB-45	0.00002	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	41464-47-5	PCB-46	0.00002	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	70362-47-9	PCB-48	0.00002	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-49/69	PCB-49/69	0.000079	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	16605-91-7	PCB-5	0.00002	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-50/53	PCB-50/53	0.0002	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	68194-04-7	PCB-51	0.000069	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	35693-99-3	PCB-52	0.000051	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	15968-05-5	PCB-54	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	74338-24-2	PCB-55	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	41464-43-1	PCB-56	0.000012	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	70424-67-8	PCB-57	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	41464-49-7	PCB-58	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-59/62/75	PCB-59/62/75	0.000098	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	25569-80-6	PCB-6	0.000029	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	33025-41-1	PCB-60	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-61/70/74/76	PCB-61/70/74/76	0.000058	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	74472-34-7	PCB-63	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	52663-58-8	PCB-64	0.000011	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	32598-10-0	PCB-66	0.000021	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	73575-53-8	PCB-67	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	73575-52-7	PCB-68	0.000039	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	33284-50-3	PCB-7	0.00002	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	41464-42-0	PCB-72	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	74338-23-1	PCB-73	0.000049	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	32598-13-3	PCB-77	0.000039	ug/L	U			0.006	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	70362-49-1	PCB-78	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	41464-48-6	PCB-79	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	34883-43-7	PCB-8	0.000055	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	33284-52-5	PCB-80	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	70362-50-4	PCB-81	0.000039	ug/L	U			0.12	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	52663-62-4	PCB-82	0.000017	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	60145-20-2	PCB-83	0.000017	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	52663-60-2	PCB-84	0.000049	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-85/116/117	PCB-85/116/117	0.0002	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	36/87/97/109/119	PCB-86/87/97/109/119/125	0.00016	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	55215-17-3	PCB-88	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	73575-57-2	PCB-89	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	34883-39-1	PCB-9	0.00002	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-90/101/113	PCB-90/101/113	0.00071	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	68194-05-8	PCB-91	0.000031	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	52663-61-3	PCB-92	0.000082	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-93/100	PCB-93/100	0.000079	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	73575-55-0	PCB-94	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	38379-99-6	PCB-95	0.00045	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	73575-54-9	PCB-96	0.000039	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	PCB-98/102	PCB-98/102	0.000098	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	38380-01-7	PCB-99	0.000062	ug/L	J				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	1336-36-3	Polychlorinated biphenyls (PCBs)	0.036	ug/L				7.2	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	25512-42-9	Total Dichlorobiphenyl	0.00012	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	28655-71-2	Total Heptachlorobiphenyl	0.015	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	26601-64-9	Total Hexachlorobiphenyl	0.013	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	27323-18-8	Total Monochlorobiphenyl	0.000098	ug/L	U				
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	53742-07-7	Total Nonachlorobiphenyl	0.00032	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	55722-26-4	Total Octachlorobiphenyl	0.0043	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	25429-29-2	Total Pentachlorobiphenyl	0.0023	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	26914-33-0	Total Tetrachlorobiphenyl	0.00015	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	1668C	25323-68-6	Total Trichlorobiphenyl	0.00026	ug/L					
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	NWTPH-DX	TPH-D	Diesel Range Organics	96	ug/L	U			100	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	NWTPH-DX	MOIL	Residual Range Organics	290	ug/L	U			300	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	NWTPH-GX	TPH-G	Gasoline Range Organics	40	ug/L	U			14000	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	ORGANOTINS	1002-53-5	Dibutyltin	0.15	ug/L	U			6	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	ORGANOTINS	1002-53-5	Dibutyltin, Dissolved	0.15	ug/L	U			6	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	ORGANOTINS	78763-54-9	Monobutyltin	0.12	ug/L	U			3.7	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	ORGANOTINS	78763-54-9	Monobutyltin, Dissolved	0.12	ug/L	U			3.7	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	ORGANOTINS	1461-25-2	Tetrabutyltin	0.19	ug/L	U			3.7	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	ORGANOTINS	1461-25-2	Tetrabutyltin, Dissolved	0.19	ug/L	U			3.7	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	ORGANOTINS	688-73-3	Tributyltin	0.17	ug/L	U			3.7	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	MW-10-GW_030922	ORGANOTINS	688-73-3	Tributyltin, Dissolved	0.17	ug/L	U			3.7	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	22C0464-02	SW8270D	1319-77-3	3 & 4-Methylphenol	0.483	ug/L	U			370	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	22C0464-02	SW8270D	91-94-1	3,3'-Dichlorobenzidine	9.66	ug/L	U			0.17	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	22C0464-02	SW8270D	100-02-7	4-Nitrophenol	4.83	ug/L	U			5800	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	22C0464-02	SW8270D	92-87-5	Benzidine	38.7	ug/L	U			17	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	22C0464-02	SW8270D	111-44-4	Bis (2-chloroethyl) ether	0.483	ug/L	U			140	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	22C0464-02	SW8270D	85-68-7	Butyl benzylphthalate	0.483	ug/L	U			16	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	22C0464-02	SW8270D	86-74-8	Carbazole	0.483	ug/L	U			7.9	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	22C0464-02	SW8270D	132-64-9	Dibenzofuran	0.29	ug/L	U			7.9	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	22C0464-02	SW8270D	84-74-2	Di-n-butylphthalate	5.8	ug/L	U			900	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	22C0464-02	SW8270D	117-84-0	Di-n-octylphthalate	4.83	ug/L	U			200	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	22C0464-02	SW8270D	118-74-1	Hexachlorobenzene	0.483	ug/L	U			1.3	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	22C0464-02	SW8270D	62-75-9	N-Nitrosodimethylamine	0.483	ug/L	U			25	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	22C0464-02	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.966	ug/L	U			370	
MW-10	723406.972	7834959.594	3/9/2022	47 - 57	WG	N	22C0464-02	SW8270D	108-95-2	Phenol	0.483	ug/L	U			5800	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7429-90-5	Aluminum	123	ug/L	J			20000	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7429-90-5	Aluminum, Dissolved	50	ug/L	U			20000	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-36-0	Antimony	7	ug/L	U			7.8	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-36-0	Antimony, Dissolved	5.01	ug/L	U			7.8	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-38-2	Arsenic	4.33	ug/L	U			6300	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-38-2	Arsenic, Dissolved	4.15	ug/L	J			6300	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-39-3	Barium	15.4	ug/L	J			4000	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-39-3	Barium, Dissolved	14.2	ug/L	J			4000	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-41-7	Beryllium	2	ug/L	U			270000	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-41-7	Beryllium, Dissolved	2	ug/L	U			270000	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-69-9	Bismuth	114	ug/L					
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-69-9	Bismuth, Dissolved	107	ug/L					
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-43-9	Cadmium	2	ug/L	U			130000	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-43-9	Cadmium, Dissolved	2	ug/L	U			130000	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-70-2	Calcium	33300	ug/L					
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-70-2	Calcium, Dissolved	31000	ug/L					
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-47-3	Chromium	10	ug/L	U			30000	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-47-3	Chromium, Dissolved	10	ug/L	U			30000	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-48-4	Cobalt	10	ug/L	U			6	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-48-4	Cobalt, Dissolved	10	ug/L	U			6	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-50-8	Copper	4.95	ug/L	J			5400000	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-50-8	Copper, Dissolved	10	ug/L	U			5400000	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-69-9	Germanium	118	ug/L					
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-69-9	Germanium, Dissolved	119	ug/L					
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-74-6	Indium	104	ug/L					
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-74-6	Indium, Dissolved	101	ug/L					
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7439-89-6	Iron	272	ug/L				14000	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7439-89-6	Iron, Dissolved	100	ug/L	U			14000	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7439-92-1	Lead	5	ug/L	U			15	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7439-92-1	Lead, Dissolved	5	ug/L	U			15	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7439-93-2	Lithium	144	ug/L					
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7439-93-2	Lithium, Dissolved	126	ug/L					
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7439-95-4	Magnesium	9000	ug/L					
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7439-95-4	Magnesium, Dissolved	8720	ug/L					
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7439-96-5	Manganese	218	ug/L				3200000	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7439-96-5	Manganese, Dissolved	210	ug/L				3200000	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-02-0	Nickel	10	ug/L	U			400	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-02-0	Nickel, Dissolved	10	ug/L	U			400	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-09-7	Potassium	5050	ug/L					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-09-7	Potassium, Dissolved	4960	ug/L					
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-20-2	Scandium	120	ug/L					
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-20-2	Scandium, Dissolved	121	ug/L					
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7782-49-2	Selenium	10	ug/L	U			100	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7782-49-2	Selenium, Dissolved	10	ug/L	U			100	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-22-4	Silver	1	ug/L	U			1100000	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-22-4	Silver, Dissolved	1	ug/L	U			1100000	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-23-5	Sodium	10600	ug/L					
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-23-5	Sodium, Dissolved	5340	ug/L					
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	15492-51-0	Terbium	111	ug/L					
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	15492-51-0	Terbium, Dissolved	106	ug/L					
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-28-0	Thallium	1	ug/L	U			0.2	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-28-0	Thallium, Dissolved	0.638	ug/L	U			0.2	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-62-2	Vanadium	5	ug/L				86	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-62-2	Vanadium, Dissolved	5	ug/L	U			86	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-65-5	Yttrium	118	ug/L					
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-65-5	Yttrium, Dissolved	114	ug/L					
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-66-6	Zinc	11.4	ug/L	J			6000	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW6020B	7440-66-6	Zinc, Dissolved	20	ug/L	U			6000	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW7470A	7439-97-6	Mercury	0.25	ug/L	U			11	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	630-20-6	1,1,1,2-Tetrachloroethane	0.2	ug/L	U			36	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	79-34-5	1,1,2,2-Tetrachloroethane	0.2	ug/L	U			30	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	79-00-5	1,1,2-Trichloroethane	0.2	ug/L	U			44	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	75-34-3	1,1-Dichloroethane	0.2	ug/L	U			55	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	96-18-4	1,2,3-Trichloropropane	0.2	ug/L	U			200	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	95-63-6	1,2,4-Trimethylbenzene	0.2	ug/L	U			2400	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	106-93-4	1,2-Dibromoethane (EDB)	0.2	ug/L	U			1.5	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	107-06-2	1,2-Dichloroethane	0.3	ug/L	U			18	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	78-87-5	1,2-Dichloropropane	0.3	ug/L	U			52	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	106-46-7	1,4-Dichlorobenzene	0.2	ug/L	U			25	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	594-20-7	2,2-Dichloropropane	0.2	ug/L	U			52	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	71-43-2	Benzene	0.2	ug/L	U			12	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	74-97-5	Bromochloromethane	0.2	ug/L	U			450	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	75-27-4	Bromodichloromethane	0.2	ug/L	U			6.9	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	56-23-5	Carbon tetrachloride	0.2	ug/L	U			3.1	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	67-66-3	Chloroform	0.3	ug/L	U			5.9	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	156-59-2	cis-1,2-Dichloroethene	0.3	ug/L	U			1800	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	10061-01-5	cis-1,3-Dichloropropene	0.2	ug/L	U			40	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	124-48-1	Dibromochloromethane	0.2	ug/L	U			610	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	74-95-3	Dibromomethane	0.2	ug/L	U			950	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	87-68-3	Hexachlorobutadiene	0.2	ug/L	U			3.3	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	98-82-8	Isopropylbenzene	0.2	ug/L	U			9100	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	103-65-1	n-Propylbenzene	0.2	ug/L	U			22000	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	10061-02-6	trans-1,3-Dichloropropene	0.2	ug/L	U			21	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	79-01-6	Trichloroethene	0.2	ug/L	U			7.4	
MW-10	723406.972	7834959.594	3/10/2022	47 - 57	WG	N	22C0570-01	SW8260B/D	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	53-19-0	2,4-DDD	0.0104	ug/L	UJ				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	3424-82-6	2,4-DDE	0.0104	ug/L	UJ				
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	789-02-6	2,4-DDT	0.0104	ug/L	UJ				
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	72-54-8	4,4'-DDD	0.0103	ug/L	U			3.2	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	72-55-9	4,4'-DDE	0.0206	ug/L	U			310	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	50-29-3	4,4'-DDT	0.0515	ug/L	U			0.23	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	309-00-2	Aldrin	0.0206	ug/L	U			3.5	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	319-84-6	alpha-BHC	0.0206	ug/L	U			18	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	5103-71-9	alpha-Chlordane	0.0257	ug/L	U			0.45	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	319-85-7	beta-BHC	0.0206	ug/L	U			0.025	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	319-86-8	delta-BHC	0.0206	ug/L	U			0.0072	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	60-57-1	Dieldrin	0.0206	ug/L	U			2.4	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	959-98-8	Endosulfan I	0.0206	ug/L	U			98	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	33213-65-9	Endosulfan II	0.0206	ug/L	U			98	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	1031-07-8	Endosulfan sulfate	0.0257	ug/L	U			98	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	72-20-8	Endrin	0.0206	ug/L	U			170	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	7421-93-4	Endrin aldehyde	0.0257	ug/L	U			170	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	53494-70-5	Endrin ketone	0.0206	ug/L	U			170	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	58-89-9	gamma-BHC (Lindane)	0.0206	ug/L	U			100	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	5103-74-2	gamma-Chlordane	0.0257	ug/L	U			0.45	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	76-44-8	Heptachlor	0.0206	ug/L	U			1.8	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	1024-57-3	Heptachlor epoxide	0.0206	ug/L	U			3.2	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	72-43-5	Methoxychlor	0.0515	ug/L	U			37	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	27304-13-8	Oxychlordane	0.0104	ug/L	UJ				
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8081B	8001-35-2	Toxaphene	1.03	ug/L	U			18	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8270D SIM	91-57-6	2-Methylnaphthalene	0.0413	ug/L	U			36	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8270D SIM	83-32-9	Acenaphthene	0.0413	ug/L	U			510	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8270D SIM	208-96-8	Acenaphthylene	0.0413	ug/L	U			20	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8270D SIM	120-12-7	Anthracene	0.0413	ug/L	U			1800	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8270D SIM	56-55-3	Benzo(a)anthracene	0.0827	ug/L	U			2300	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8270D SIM	50-32-8	Benzo(a)pyrene	0.062	ug/L	U			0.025	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8270D SIM	205-99-2	Benzo(b)fluoranthene	0.062	ug/L	U			0.25	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8270D SIM	191-24-2	Benzo(g,h,i)perylene	0.0827	ug/L	U			120	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8270D SIM	207-08-9	Benzo(k)fluoranthene	0.0827	ug/L	U			2.5	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8270D SIM	117-81-7	Bis (2-ethylhexyl) phthalate	1.03	ug/L	U			5.6	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8270D SIM	218-01-9	Chrysene	0.124	ug/L	U			25	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8270D SIM	53-70-3	Dibenzo(a,h)anthracene	0.124	ug/L	U			0.025	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8270D SIM	206-44-0	Fluoranthene	0.0827	ug/L	U			800	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8270D SIM	86-73-7	Fluorene	0.0413	ug/L	U			280	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8270D SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0827	ug/L	U			0.25	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8270D SIM	91-20-3	Naphthalene	0.0827	ug/L	U			20	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8270D SIM	85-01-8	Phenanthrene	0.124	ug/L	U			1800	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	SW8270D SIM	129-00-0	Pyrene	0.062	ug/L	U			110	
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.209691	ug/L	U				
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.8475	ug/L	U				
MW-10	723406.972	7834959.594	4/4/2022	47 - 57	WG	N	22D0247-01	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.4546	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.02433	ug/L				1.3	
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	2051-60-7	PCB-1	0.0000064	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	33146-45-1	PCB-10	0.000032	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	39485-83-1	PCB-100	0.000043	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	37680-73-2	PCB-101	0.00025	ug/L					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	68194-06-9	PCB-102	0.000043	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	60145-21-3	PCB-103	0.000032	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	56558-16-8	PCB-104	0.000032	ug/L	UJ				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	32598-14-4	PCB-105	0.00002	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	70424-69-0	PCB-106	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	70424-68-9	PCB-107	0.0000032	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	70362-41-3	PCB-108	0.000043	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74472-35-8	PCB-109	0.000051	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	2050-67-1	PCB-11	0.000033	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	38380-03-9	PCB-110	0.00015	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	39635-32-0	PCB-111	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74472-36-9	PCB-112	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	68194-10-5	PCB-113	0.00025	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74472-37-0	PCB-114	0.000021	ug/L	U			2.9	
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74472-38-1	PCB-115	0.00015	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	18259-05-7	PCB-116	0.0000045	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	68194-11-6	PCB-117	0.0000045	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	31508-00-6	PCB-118	0.00007	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	56558-17-9	PCB-119	0.000051	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	2974-92-7	PCB-12	0.00011	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	68194-12-7	PCB-120	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	56558-18-0	PCB-121	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	76842-07-4	PCB-122	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	65510-44-3	PCB-123	0.000021	ug/L	U			1.4	
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	70424-70-3	PCB-124	0.000043	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74472-39-2	PCB-125	0.000051	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	57465-28-8	PCB-126	0.000021	ug/L	U			0.00042	
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	39635-33-1	PCB-127	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	38380-07-3	PCB-128	0.000065	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	55215-18-4	PCB-129	0.00092	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	2974-90-5	PCB-13	0.00011	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52663-66-8	PCB-130	0.000029	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	61798-70-7	PCB-131	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	38380-05-1	PCB-132	0.00029	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	35694-04-3	PCB-133	0.0000075	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52704-70-8	PCB-134	0.000036	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52744-13-5	PCB-135	0.00051	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	38411-22-2	PCB-136	0.00016	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	35694-06-5	PCB-137	0.000006	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	35065-28-2	PCB-138	0.00092	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	56030-56-9	PCB-139	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	34883-41-5	PCB-14	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	59291-64-4	PCB-140	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52712-04-6	PCB-141	0.00033	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	41411-61-4	PCB-142	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	68194-15-0	PCB-143	0.000036	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	68194-14-9	PCB-144	0.000068	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74472-40-5	PCB-145	0.000011	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	51908-16-8	PCB-146	0.0001	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	68194-13-8	PCB-147	0.0011	ug/L					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74472-41-6	PCB-148	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	38380-04-0	PCB-149	0.0011	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	2050-68-2	PCB-15	0.000055	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	68194-08-1	PCB-150	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52663-63-5	PCB-151	0.00051	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	68194-09-2	PCB-152	0.000011	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	35065-27-1	PCB-153	0.00096	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	60145-22-4	PCB-154	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	33979-03-2	PCB-155	0.000011	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	38380-08-4	PCB-156	0.000044	ug/L	J			7	
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	69782-90-7	PCB-157	0.000044	ug/L	J			1.6	
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74472-42-7	PCB-158	0.000076	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	39635-35-3	PCB-159	0.000019	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	38444-78-9	PCB-16	0.000048	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	41411-62-5	PCB-160	0.00092	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74472-43-8	PCB-161	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	39635-34-2	PCB-162	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74472-44-9	PCB-163	0.00092	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74472-45-0	PCB-164	0.000092	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74472-46-1	PCB-165	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	41411-63-6	PCB-166	0.000065	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52663-72-6	PCB-167	0.000018	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	59291-65-5	PCB-168	0.00096	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	32774-16-6	PCB-169	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	37680-66-3	PCB-17	0.000038	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	35065-30-6	PCB-170	0.0006	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52663-71-5	PCB-171	0.00017	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52663-74-8	PCB-172	0.00012	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	68194-16-1	PCB-173	0.00017	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	38411-25-5	PCB-174	0.00093	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	40186-70-7	PCB-175	0.000028	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52663-65-7	PCB-176	0.000092	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52663-70-4	PCB-177	0.00035	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52663-67-9	PCB-178	0.00014	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52663-64-6	PCB-179	0.00029	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	37680-65-2	PCB-18	0.000067	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	35065-29-3	PCB-180	0.0015	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74472-47-2	PCB-181	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	60145-23-5	PCB-182	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52663-69-1	PCB-183	0.00029	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74472-48-3	PCB-184	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52712-05-7	PCB-185	0.000097	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74472-49-4	PCB-186	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52663-68-0	PCB-187	0.00076	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74487-85-7	PCB-188	0.0000021	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	39635-31-9	PCB-189	0.000018	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	38444-73-4	PCB-19	0.000011	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	41411-64-7	PCB-190	0.00011	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74472-50-7	PCB-191	0.000017	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74472-51-8	PCB-192	0.000011	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	69782-91-8	PCB-193	0.0015	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	35694-08-7	PCB-194	0.00034	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52663-78-2	PCB-195	0.00013	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	42740-50-1	PCB-196	0.0002	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	33091-17-7	PCB-197	0.000012	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	68194-17-2	PCB-198	0.00038	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52663-75-9	PCB-199	0.00038	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	2051-61-8	PCB-2	0.000011	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	38444-84-7	PCB-20	0.000046	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52663-73-7	PCB-200	0.000066	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	40186-71-8	PCB-201	0.000051	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	2136-99-4	PCB-202	0.000064	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52663-76-0	PCB-203	0.00023	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74472-52-9	PCB-204	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74472-53-0	PCB-205	0.000018	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	40186-72-9	PCB-206	0.00008	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52663-79-3	PCB-207	0.000012	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52663-77-1	PCB-208	0.000013	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	2051-24-3	PCB-209	0.0000031	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	55702-46-0	PCB-21	0.000034	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	38444-85-8	PCB-22	0.000021	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	55720-44-0	PCB-23	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	55702-45-9	PCB-24	0.0000014	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	55712-37-3	PCB-25	0.0000038	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	38444-81-4	PCB-26	0.0000088	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	38444-76-7	PCB-27	0.0000054	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	7012-37-5	PCB-28	0.000046	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	15862-07-4	PCB-29	0.0000088	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	2051-62-9	PCB-3	0.000004	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	35693-92-6	PCB-30	0.000067	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	16606-02-3	PCB-31	0.000041	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	38444-77-8	PCB-32	0.000023	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	38444-86-9	PCB-33	0.000034	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	37680-68-5	PCB-34	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	37680-69-6	PCB-35	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	38444-87-0	PCB-36	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	38444-90-5	PCB-37	0.000012	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	53555-66-1	PCB-38	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	38444-88-1	PCB-39	0.000032	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	13029-08-8	PCB-4	0.000081	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	38444-93-8	PCB-40	0.000011	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52663-59-9	PCB-41	0.000003	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	36559-22-5	PCB-42	0.0000055	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	70362-46-8	PCB-43	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	41464-39-5	PCB-44	0.000031	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	70362-45-7	PCB-45	0.0000095	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	41464-47-5	PCB-46	0.0000031	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	2437-79-8	PCB-47	0.000031	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	70362-47-9	PCB-48	0.0000064	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	41464-40-8	PCB-49	0.000011	ug/L	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	16605-91-7	PCB-5	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	62796-65-0	PCB-50	0.000005	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	68194-04-7	PCB-51	0.0000095	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	35693-99-3	PCB-52	0.000039	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	41464-41-9	PCB-53	0.000005	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	15968-05-5	PCB-54	0.000032	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74338-24-2	PCB-55	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	41464-43-1	PCB-56	0.0000049	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	70424-67-8	PCB-57	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	41464-49-7	PCB-58	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74472-33-6	PCB-59	0.0000031	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	25569-80-6	PCB-6	0.000019	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	33025-41-1	PCB-60	0.0000034	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	33284-53-6	PCB-61	0.000024	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	54230-22-7	PCB-62	0.0000031	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74472-34-7	PCB-63	0.000032	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52663-58-8	PCB-64	0.000012	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	33284-54-7	PCB-65	0.000031	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	32598-10-0	PCB-66	0.000011	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	73575-53-8	PCB-67	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	73575-52-7	PCB-68	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	60233-24-1	PCB-69	0.000011	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	33284-50-3	PCB-7	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	32598-11-1	PCB-70	0.000024	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	41464-46-4	PCB-71	0.000011	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	41464-42-0	PCB-72	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	74338-23-1	PCB-73	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	32690-93-0	PCB-74	0.000024	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	32598-12-2	PCB-75	0.0000031	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	70362-48-0	PCB-76	0.000024	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	32598-13-3	PCB-77	0.0000032	ug/L	J			0.006	
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	70362-49-1	PCB-78	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	41464-48-6	PCB-79	0.000032	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	34883-43-7	PCB-8	0.00011	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	33284-52-5	PCB-80	0.000032	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	70362-50-4	PCB-81	0.000021	ug/L	U			0.12	
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52663-62-4	PCB-82	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	60145-20-2	PCB-83	0.000021	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52663-60-2	PCB-84	0.000019	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	65510-45-4	PCB-85	0.0000045	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	55312-69-1	PCB-86	0.000051	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	38380-02-8	PCB-87	0.000051	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	55215-17-3	PCB-88	0.0000077	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	73575-57-2	PCB-89	0.000032	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	34883-39-1	PCB-9	0.000032	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	68194-07-0	PCB-90	0.00025	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	68194-05-8	PCB-91	0.0000077	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	52663-61-3	PCB-92	0.000026	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	73575-56-1	PCB-93	0.000043	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	73575-55-0	PCB-94	0.000032	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	38379-99-6	PCB-95	0.00021	ug/L					
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	73575-54-9	PCB-96	0.000021	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	41464-51-1	PCB-97	0.000051	ug/L	J				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	60233-25-2	PCB-98	0.000043	ug/L	U				
MW-10	723406.972	7834959.594	4/3/2023	47 - 57	WG	N	MW-10-GW	1668C	38380-01-7	PCB-99	0.000021	ug/L	J				
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	300.0	24959-67-9	Bromide	13	ug/L	J				
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.5	ug/L	U			36	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	71-55-6	1,1,1-Trichloroethane	0.5	ug/L	U			53000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.5	ug/L	U			30	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	79-00-5	1,1,2-Trichloroethane	0.5	ug/L	U			44	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	75-34-3	1,1-Dichloroethane	0.5	ug/L	U			55	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	75-35-4	1,1-Dichloroethene	0.5	ug/L	U			1300	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	563-58-6	1,1-Dichloropropene	0.5	ug/L	U			40	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	87-61-6	1,2,3-Trichlorobenzene	2	ug/L	U			7	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	96-18-4	1,2,3-Trichloropropane	0.5	ug/L	U			200	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	120-82-1	1,2,4-Trichlorobenzene	2	ug/L	U			380	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	95-63-6	1,2,4-Trimethylbenzene	2	ug/L	U			2400	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	2	ug/L	U			0.34	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	106-93-4	1,2-Dibromoethane (EDB)	2	ug/L	U			1.5	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	95-50-1	1,2-Dichlorobenzene	0.5	ug/L	U			25000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	107-06-2	1,2-Dichloroethane	0.5	ug/L	U			18	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	78-87-5	1,2-Dichloropropane	0.5	ug/L	U			52	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	108-67-8	1,3,5-Trimethylbenzene	5	ug/L	U			1700	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	541-73-1	1,3-Dichlorobenzene	0.5	ug/L	U			25	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	142-28-9	1,3-Dichloropropane	0.5	ug/L	U			370	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	106-46-7	1,4-Dichlorobenzene	0.5	ug/L	U			25	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	594-20-7	2,2-Dichloropropane	0.5	ug/L	U			52	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	95-49-8	2-Chlorotoluene	2	ug/L	U			240	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	591-78-6	2-Hexanone	20	ug/L	U			72000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	106-43-4	4-Chlorotoluene	4	ug/L	U			250	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	67-64-1	Acetone	20	ug/L	U			18000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	71-43-2	Benzene	0.5	ug/L	U			12	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	108-86-1	Bromobenzene	2	ug/L	U			6300	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	74-97-5	Bromochloromethane	0.5	ug/L	U			450	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	75-27-4	Bromodichloromethane	0.5	ug/L	U			6.9	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	75-25-2	Bromoform	0.5	ug/L	U			1100	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	74-83-9	Bromomethane	0.5	ug/L	U			110	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	75-15-0	Carbon disulfide	0.27	ug/L	J			8200	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	56-23-5	Carbon tetrachloride	0.5	ug/L	U			3.1	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	108-90-7	Chlorobenzene	0.5	ug/L	U			3400	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	75-00-3	Chloroethane	0.5	ug/L	U			57000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	67-66-3	Chloroform	0.18	ug/L	J			5.9	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	74-87-3	Chloromethane	0.5	ug/L	U			1500	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	156-59-2	cis-1,2-Dichloroethene	0.5	ug/L	U			1800	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	10061-01-5	cis-1,3-Dichloropropene	0.5	ug/L	U			40	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	124-48-1	Dibromochloromethane	0.5	ug/L	U			610	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	74-95-3	Dibromomethane	0.5	ug/L	U			950	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	75-71-8	Dichlorodifluoromethane	0.5	ug/L	U			41	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	100-41-4	Ethylbenzene	0.5	ug/L	U			31	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	87-68-3	Hexachlorobutadiene	2	ug/L	U			3.3	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	98-82-8	Isopropylbenzene	0.5	ug/L	U			9100	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	179601-23-1	m,p-Xylene	0.5	ug/L	U			3000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	78-93-3	MEK (2-Butanone)	20	ug/L	U			17000000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	75-09-2	Methylene chloride	0.19	ug/L	J			15000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	20	ug/L	U			4600000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	91-20-3	Naphthalene	2	ug/L	U			20	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	104-51-8	n-Butylbenzene	2	ug/L	U			1000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	103-65-1	n-Propylbenzene	2	ug/L	U			22000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	95-47-6	o-Xylene	0.5	ug/L	U			4300	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	99-87-6	p-Cymene	2	ug/L	U			9100	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	135-98-8	sec-Butylbenzene	2	ug/L	U			2000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	100-42-5	Styrene	0.5	ug/L	U			84000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	98-06-6	tert-Butylbenzene	2	ug/L	U			690	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	108-88-3	Toluene	0.7	ug/L				150000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	156-60-5	trans-1,2-Dichloroethene	0.5	ug/L	U			457	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	10061-02-6	trans-1,3-Dichloropropene	0.5	ug/L	U			21	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	79-01-6	Trichloroethene	0.5	ug/L	U			7.4	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	75-69-4	Trichlorofluoromethane	0.5	ug/L	U			160000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	108-05-4	Vinyl acetate	5	ug/L	U			80000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	8260B	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	NWTPH-Dx	TPH-D	Diesel Range Organics	0.11	ug/L	U			100	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	NWTPH-Dx	MOIL	Residual Range Organics	23	ug/L	U			300	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	FD	080415MW20GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	J			14000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	300.0	24959-67-9	Bromide	15	ug/L	J				
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	6010B	7440-70-2	Calcium, Dissolved	6690	ug/L					
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	6010B	7439-89-6	Iron	1500	ug/L				14000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	6010B	7439-89-6	Iron, Dissolved	4	ug/L	U			14000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	6010B	7439-95-4	Magnesium, Dissolved	883	ug/L					
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	6010B	7440-09-7	Potassium, Dissolved	2610	ug/L					
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	6010B	7440-23-5	Sodium, Dissolved	89400	ug/L					
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	6010B	7440-62-2	Vanadium	5.9	ug/L	J			86	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	6010B	7440-62-2	Vanadium, Dissolved	3.1	ug/L	J			86	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	6020	7440-38-2	Arsenic	11.6	ug/L				6300	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	6020	7440-38-2	Arsenic, Dissolved	8.99	ug/L				6300	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.045	ug/L	U			36	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	71-55-6	1,1,1-Trichloroethane	0.062	ug/L	U			53000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.088	ug/L	U			30	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	79-00-5	1,1,2-Trichloroethane	0.094	ug/L	U			44	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	75-34-3	1,1-Dichloroethane	0.059	ug/L	U			55	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	75-35-4	1,1-Dichloroethene	0.1	ug/L	U			1300	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	563-58-6	1,1-Dichloropropene	0.062	ug/L	U			40	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	87-61-6	1,2,3-Trichlorobenzene	0.084	ug/L	U			7	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	96-18-4	1,2,3-Trichloropropane	0.24	ug/L	U			200	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	120-82-1	1,2,4-Trichlorobenzene	0.18	ug/L	U			380	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	95-63-6	1,2,4-Trimethylbenzene	0.062	ug/L	U			2400	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.072	ug/L	U			1.5	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	95-50-1	1,2-Dichlorobenzene	0.069	ug/L	U			25000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	107-06-2	1,2-Dichloroethane	0.066	ug/L	U			18	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	78-87-5	1,2-Dichloropropane	0.062	ug/L	U			52	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	108-67-8	1,3,5-Trimethylbenzene	0.066	ug/L	U			1700	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	541-73-1	1,3-Dichlorobenzene	0.082	ug/L	U			25	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	142-28-9	1,3-Dichloropropane	0.057	ug/L	U			370	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	106-46-7	1,4-Dichlorobenzene	0.084	ug/L	U			25	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	594-20-7	2,2-Dichloropropane	0.083	ug/L	U			52	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	95-49-8	2-Chlorotoluene	0.079	ug/L	U			240	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	591-78-6	2-Hexanone	2.4	ug/L	U			72000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	106-43-4	4-Chlorotoluene	0.057	ug/L	U			250	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	67-64-1	Acetone	3	ug/L	U			18000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	71-43-2	Benzene	0.062	ug/L	U			12	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	108-86-1	Bromobenzene	0.066	ug/L	U			6300	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	74-97-5	Bromochloromethane	0.099	ug/L	U			450	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	75-27-4	Bromodichloromethane	0.055	ug/L	U			6.9	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	75-25-2	Bromoform	0.099	ug/L	U			1100	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	74-83-9	Bromomethane	0.12	ug/L	U			110	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	75-15-0	Carbon disulfide	0.24	ug/L	J			8200	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	56-23-5	Carbon tetrachloride	0.048	ug/L	U			3.1	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	108-90-7	Chlorobenzene	0.064	ug/L	U			3400	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	75-00-3	Chloroethane	0.13	ug/L	U			57000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	67-66-3	Chloroform	0.18	ug/L	J			5.9	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	74-87-3	Chloromethane	0.11	ug/L	U			1500	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	156-59-2	cis-1,2-Dichloroethene	0.066	ug/L	U			1800	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	10061-01-5	cis-1,3-Dichloropropene	0.055	ug/L	U			40	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	124-48-1	Dibromochloromethane	0.072	ug/L	U			610	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	74-95-3	Dibromomethane	0.12	ug/L	U			950	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	75-71-8	Dichlorodifluoromethane	0.075	ug/L	U			41	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	100-41-4	Ethylbenzene	0.068	ug/L	U			31	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	87-68-3	Hexachlorobutadiene	0.15	ug/L	U			3.3	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	98-82-8	Isopropylbenzene	0.076	ug/L	U			9100	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	179601-23-1	m,p-Xylene	0.11	ug/L	U			3000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	78-93-3	MEK (2-Butanone)	2.3	ug/L	U			17000000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	75-09-2	Methylene chloride	0.16	ug/L	J			15000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	1.4	ug/L	U			4600000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	91-20-3	Naphthalene	0.096	ug/L	U			20	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	104-51-8	n-Butylbenzene	0.085	ug/L	U			1000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	103-65-1	n-Propylbenzene	0.0059	ug/L	U			22000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	95-47-6	o-Xylene	0.068	ug/L	U			4300	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	99-87-6	p-Cymene	0.07	ug/L	U			9100	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	135-98-8	sec-Butylbenzene	0.071	ug/L	U			2000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	100-42-5	Styrene	0.077	ug/L	U			84000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	98-06-6	tert-Butylbenzene	0.059	ug/L	U			690	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	108-88-3	Toluene	0.32	ug/L	J			150000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	156-60-5	trans-1,2-Dichloroethene	0.069	ug/L	U			457	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	10061-02-6	trans-1,3-Dichloropropene	0.075	ug/L	U			21	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	79-01-6	Trichloroethene	0.073	ug/L	U			7.4	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	75-69-4	Trichlorofluoromethane	0.099	ug/L	U			160000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	108-05-4	Vinyl acetate	0.91	ug/L	U			80000	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8270C	205-99-2	Benzo(b)fluoranthene	0.018	ug/L	U			0.25	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8270C	207-08-9	Benzo(k)fluoranthene	0.025	ug/L	U			2.5	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	8270C	85-01-8	Phenanthrene	0.023	ug/L	U			1800	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	Krone	78763-54-9	Monobutyltin	0.026	ug/L	J			3.7	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	NWTPH-Dx	TPH-D	Diesel Range Organics	12	ug/L	U			100	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	NWTPH-Dx	MOIL	Residual Range Organics	20	ug/L	U			300	
MW-11	723452.172	7834116.171	4/15/2008	26 - 36	WG	N	080415MW11GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	14	ug/L	J			14000	
MW-11	723452.172	7834116.171	7/15/2008	26 - 36	WG	N	080715MW11GW	6010B	7439-89-6	Iron	179	ug/L				14000	
MW-11	723452.172	7834116.171	7/15/2008	26 - 36	WG	N	080715MW11GW	6010B	7439-89-6	Iron, Dissolved	52.5	ug/L				14000	
MW-11	723452.172	7834116.171	7/15/2008	26 - 36	WG	N	080715MW11GW	6020	7440-38-2	Arsenic	1.13	ug/L				6300	
MW-11	723452.172	7834116.171	7/15/2008	26 - 36	WG	N	080715MW11GW	6020	7440-38-2	Arsenic, Dissolved	1.11	ug/L				6300	
MW-11	723452.172	7834116.171	7/15/2008	26 - 36	WG	N	080715MW11GW	6020	7440-62-2	Vanadium	0.86	ug/L				86	
MW-11	723452.172	7834116.171	7/15/2008	26 - 36	WG	N	080715MW11GW	6020	7440-62-2	Vanadium, Dissolved	0.69	ug/L	U			86	
MW-11	723452.172	7834116.171	7/15/2008	26 - 36	WG	N	080715MW11GW	8260B	594-20-7	2,2-Dichloropropane	0.083	ug/L	U			52	
MW-11	723452.172	7834116.171	7/15/2008	26 - 36	WG	N	080715MW11GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-11	723452.172	7834116.171	7/15/2008	26 - 36	WG	N	080715MW11GW	8260B	156-59-2	cis-1,2-Dichloroethene	0.066	ug/L	U			1800	
MW-11	723452.172	7834116.171	7/15/2008	26 - 36	WG	N	080715MW11GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-11	723452.172	7834116.171	7/15/2008	26 - 36	WG	N	080715MW11GW	8260B	79-01-6	Trichloroethene	0.073	ug/L	U			7.4	
MW-11	723452.172	7834116.171	7/15/2008	26 - 36	WG	N	080715MW11GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-11	723452.172	7834116.171	7/15/2008	26 - 36	WG	N	080715MW11GW	8270C	205-99-2	Benzo(b)fluoranthene	0.017	ug/L	U			0.25	
MW-11	723452.172	7834116.171	7/15/2008	26 - 36	WG	N	080715MW11GW	8270C	207-08-9	Benzo(k)fluoranthene	0.024	ug/L	U			2.5	
MW-11	723452.172	7834116.171	7/15/2008	26 - 36	WG	N	080715MW11GW	8270C	85-01-8	Phenanthrene	0.022	ug/L	U			1800	
MW-11	723452.172	7834116.171	7/15/2008	26 - 36	WG	N	080715MW11GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-11	723452.172	7834116.171	7/15/2008	26 - 36	WG	N	080715MW11GW	NWTPH-Dx	TPH-D	Diesel Range Organics	18	ug/L	J			100	
MW-11	723452.172	7834116.171	7/15/2008	26 - 36	WG	N	080715MW11GW	NWTPH-Dx	MOIL	Residual Range Organics	110	ug/L	U			300	
MW-11	723452.172	7834116.171	7/15/2008	26 - 36	WG	N	080715MW11GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	FD	081020MW21GW	6010B	7439-89-6	Iron	97	ug/L				14000	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	FD	081020MW21GW	6010B	7439-89-6	Iron, Dissolved	10.8	ug/L	U			14000	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	FD	081020MW21GW	6020	7440-38-2	Arsenic	0.73	ug/L				6300	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	FD	081020MW21GW	6020	7440-38-2	Arsenic, Dissolved	0.66	ug/L				6300	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	FD	081020MW21GW	6020	7440-62-2	Vanadium	0.32	ug/L				86	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	FD	081020MW21GW	6020	7440-62-2	Vanadium, Dissolved	0.22	ug/L				86	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	FD	081020MW21GW	8260B	594-20-7	2,2-Dichloropropane	0.5	ug/L	U			52	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	FD	081020MW21GW	8260B	67-66-3	Chloroform	0.5	ug/L	U			5.9	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	FD	081020MW21GW	8260B	156-59-2	cis-1,2-Dichloroethene	0.5	ug/L	U			1800	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	FD	081020MW21GW	8260B	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	FD	081020MW21GW	8260B	79-01-6	Trichloroethene	0.5	ug/L	U			7.4	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	FD	081020MW21GW	8260B	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	FD	081020MW21GW	8270C	205-99-2	Benzo(b)fluoranthene	0.2	ug/L	U			0.25	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	FD	081020MW21GW	8270C	207-08-9	Benzo(k)fluoranthene	0.2	ug/L	U			2.5	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	FD	081020MW21GW	8270C	85-01-8	Phenanthrene	0.2	ug/L	U			1800	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	FD	081020MW21GW	Krone	78763-54-9	Monobutyltin	0.087	ug/L	U			3.7	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	FD	081020MW21GW	NWTPH-Dx	TPH-D	Diesel Range Organics	0.1	ug/L	U			100	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	FD	081020MW21GW	NWTPH-Dx	MOIL	Residual Range Organics	0.1	ug/L	U			300	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	FD	081020MW21GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	0.25	ug/L	U			14000	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	N	081020MW11GW	6010B	7439-89-6	Iron	80.7	ug/L				14000	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	N	081020MW11GW	6010B	7439-89-6	Iron, Dissolved	20	ug/L	U			14000	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	N	081020MW11GW	6020	7440-38-2	Arsenic	0.65	ug/L				6300	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	N	081020MW11GW	6020	7440-38-2	Arsenic, Dissolved	0.56	ug/L				6300	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	N	081020MW11GW	6020	7440-62-2	Vanadium	0.31	ug/L				86	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	N	081020MW11GW	6020	7440-62-2	Vanadium, Dissolved	0.19	ug/L	J			86	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	N	081020MW11GW	8260B	594-20-7	2,2-Dichloropropane	0.083	ug/L	U			52	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	N	081020MW11GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	N	081020MW11GW	8260B	156-59-2	cis-1,2-Dichloroethene	0.066	ug/L	U			1800	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	N	081020MW11GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	N	081020MW11GW	8260B	79-01-6	Trichloroethene	0.073	ug/L	U			7.4	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	N	081020MW11GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	N	081020MW11GW	8270C	205-99-2	Benzo(b)fluoranthene	0.017	ug/L	U			0.25	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	N	081020MW11GW	8270C	207-08-9	Benzo(k)fluoranthene	0.024	ug/L	U			2.5	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	N	081020MW11GW	8270C	85-01-8	Phenanthrene	0.022	ug/L	U			1800	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	N	081020MW11GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	N	081020MW11GW	NWTPH-Dx	TPH-D	Diesel Range Organics	12	ug/L	U			100	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	N	081020MW11GW	NWTPH-Dx	MOIL	Residual Range Organics	21	ug/L	U			300	
MW-11	723452.172	7834116.171	10/20/2008	26 - 36	WG	N	081020MW11GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	FD	090112MW21GW	6010B	7439-89-6	Iron	144	ug/L				14000	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	FD	090112MW21GW	6010B	7439-89-6	Iron, Dissolved	12.7	ug/L	U			14000	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	FD	090112MW21GW	6020	7440-38-2	Arsenic	0.6	ug/L				6300	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	FD	090112MW21GW	6020	7440-38-2	Arsenic, Dissolved	0.5	ug/L				6300	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	FD	090112MW21GW	6020	7440-62-2	Vanadium	0.39	ug/L				86	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	FD	090112MW21GW	6020	7440-62-2	Vanadium, Dissolved	0.14	ug/L	J			86	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	FD	090112MW21GW	8260B	594-20-7	2,2-Dichloropropane	0.5	ug/L	U			52	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	FD	090112MW21GW	8260B	67-66-3	Chloroform	0.5	ug/L	U			5.9	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	FD	090112MW21GW	8260B	156-59-2	cis-1,2-Dichloroethene	0.5	ug/L	U			1800	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	FD	090112MW21GW	8260B	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	FD	090112MW21GW	8260B	79-01-6	Trichloroethene	0.5	ug/L	U			7.4	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	FD	090112MW21GW	8260B	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	FD	090112MW21GW	8270C	205-99-2	Benzo(b)fluoranthene	0.22	ug/L	U			0.25	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	FD	090112MW21GW	8270C	207-08-9	Benzo(k)fluoranthene	0.22	ug/L	U			2.5	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	FD	090112MW21GW	8270C	85-01-8	Phenanthrene	0.22	ug/L	U			1800	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	FD	090112MW21GW	Krone	78763-54-9	Monobutyltin	0.087	ug/L	U			3.7	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	FD	090112MW21GW	NWTPH-Dx	TPH-D	Diesel Range Organics	32	ug/L	U			100	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	FD	090112MW21GW	NWTPH-Dx	MOIL	Residual Range Organics	46	ug/L	U			300	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	FD	090112MW21GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	0.25	ug/L	U			14000	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	N	090112MW11GW	6010B	7439-89-6	Iron	152	ug/L				14000	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	N	090112MW11GW	6010B	7439-89-6	Iron, Dissolved	20	ug/L	U			14000	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	N	090112MW11GW	6020	7440-38-2	Arsenic	0.6	ug/L				6300	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	N	090112MW11GW	6020	7440-38-2	Arsenic, Dissolved	0.6	ug/L				6300	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	N	090112MW11GW	6020	7440-62-2	Vanadium	0.34	ug/L				86	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	N	090112MW11GW	6020	7440-62-2	Vanadium, Dissolved	0.15	ug/L	J			86	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	N	090112MW11GW	8260B	594-20-7	2,2-Dichloropropane	0.083	ug/L	U			52	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	N	090112MW11GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	N	090112MW11GW	8260B	156-59-2	cis-1,2-Dichloroethene	0.066	ug/L	U			1800	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	N	090112MW11GW	8260B	127-18-4	Tetrachloroethene	0.097	ug/L	U			130	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	N	090112MW11GW	8260B	79-01-6	Trichloroethene	0.073	ug/L	U			7.4	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	N	090112MW11GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	N	090112MW11GW	8270C	205-99-2	Benzo(b)fluoranthene	0.017	ug/L	U			0.25	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	N	090112MW11GW	8270C	207-08-9	Benzo(k)fluoranthene	0.024	ug/L	U			2.5	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	N	090112MW11GW	8270C	85-01-8	Phenanthrene	0.022	ug/L	U			1800	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	N	090112MW11GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	N	090112MW11GW	NWTPH-Dx	TPH-D	Diesel Range Organics	110	ug/L	U			100	

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	N	090112MW11GW	NWTPH-Dx	MOIL	Residual Range Organics	110	ug/L	U			300	
MW-11	723452.172	7834116.171	1/12/2009	26 - 36	WG	N	090112MW11GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.009035	ug/L				1.3	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	2051-60-7	PCB-1	0.00011	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	33146-45-1	PCB-10	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	60145-21-3	PCB-103	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	56558-16-8	PCB-104	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	32598-14-4	PCB-105	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	70424-69-0	PCB-106	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	70424-68-9	PCB-107	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-108/124	PCB-108/124	0.000078	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	2050-67-1	PCB-11	0.00027	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-110/115	PCB-110/115	0.000098	ug/L	J				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	39635-32-0	PCB-111	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	74472-36-9	PCB-112	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	74472-37-0	PCB-114	0.000039	ug/L	U			2.9	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	31508-00-6	PCB-118	0.000028	ug/L	J				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-12/13	PCB-12/13	0.000049	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	68194-12-7	PCB-120	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	56558-18-0	PCB-121	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	76842-07-4	PCB-122	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	65510-44-3	PCB-123	0.000039	ug/L	U			1.4	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	57465-28-8	PCB-126	0.000039	ug/L	U			0.00042	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	39635-33-1	PCB-127	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-128/166	PCB-128/166	0.000078	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-129/138/163	PCB-129/138/163	0.00019	ug/L	J				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	52663-66-8	PCB-130	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	61798-70-7	PCB-131	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	38380-05-1	PCB-132	0.00008	ug/L					
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	35694-04-3	PCB-133	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	52704-70-8	PCB-134	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-135/151	PCB-135/151	0.00011	ug/L	J				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	38411-22-2	PCB-136	0.000026	ug/L	J				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	35694-06-5	PCB-137	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-139/140	PCB-139/140	0.000078	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	34883-41-5	PCB-14	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	52712-04-6	PCB-141	0.000058	ug/L	J				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	41411-61-4	PCB-142	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	68194-15-0	PCB-143	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	68194-14-9	PCB-144	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	74472-40-5	PCB-145	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	51908-16-8	PCB-146	0.000029	ug/L	J				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-147/149	PCB-147/149	0.00026	ug/L					
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	74472-41-6	PCB-148	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	2050-68-2	PCB-15	0.000016	ug/L	J				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	68194-08-1	PCB-150	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	68194-09-2	PCB-152	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-153/168	PCB-153/168	0.00019	ug/L					
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	60145-22-4	PCB-154	0.000097	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	33979-03-2	PCB-155	0.000039	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-156/157	PCB-156/157	0.000078	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	74472-42-7	PCB-158	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	39635-35-3	PCB-159	0.000049	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	38444-78-9	PCB-16	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	41411-62-5	PCB-160	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	74472-43-8	PCB-161	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	39635-34-2	PCB-162	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	74472-45-0	PCB-164	0.000018	ug/L	J				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	74472-46-1	PCB-165	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	52663-72-6	PCB-167	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	32774-16-6	PCB-169	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	37680-66-3	PCB-17	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	35065-30-6	PCB-170	0.000035	ug/L	J				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-171/173	PCB-171/173	0.000078	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	52663-74-8	PCB-172	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	38411-25-5	PCB-174	0.000062	ug/L	J				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	40186-70-7	PCB-175	0.000049	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	52663-65-7	PCB-176	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	52663-70-4	PCB-177	0.000031	ug/L	J				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	52663-67-9	PCB-178	0.000058	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	52663-64-6	PCB-179	0.000038	ug/L	J				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-18/30	PCB-18/30	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-180/193	PCB-180/193	0.000093	ug/L	J				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	74472-47-2	PCB-181	0.000049	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	60145-23-5	PCB-182	0.000049	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-183/185	PCB-183/185	0.00012	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	74472-48-3	PCB-184	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	74472-49-4	PCB-186	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	52663-68-0	PCB-187	0.000083	ug/L					
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	74487-85-7	PCB-188	0.00017	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	39635-31-9	PCB-189	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	38444-73-4	PCB-19	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	41411-64-7	PCB-190	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	74472-50-7	PCB-191	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	74472-51-8	PCB-192	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	35694-08-7	PCB-194	0.000058	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	52663-78-2	PCB-195	0.000058	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	42740-50-1	PCB-196	0.000058	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-197/200	PCB-197/200	0.00016	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-198/199	PCB-198/199	0.00012	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	2051-61-8	PCB-2	0.00015	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-20/28	PCB-20/28	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	40186-71-8	PCB-201	0.00019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	2136-99-4	PCB-202	0.000058	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	52663-76-0	PCB-203	0.000058	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	74472-52-9	PCB-204	0.000058	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	74472-53-0	PCB-205	0.000058	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	40186-72-9	PCB-206	0.000058	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	52663-79-3	PCB-207	0.000058	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	52663-77-1	PCB-208	0.000058	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	2051-24-3	PCB-209	0.00073	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-21/33	PCB-21/33	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	38444-85-8	PCB-22	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	55720-44-0	PCB-23	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	55702-45-9	PCB-24	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	55712-37-3	PCB-25	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-26/29	PCB-26/29	0.000058	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	38444-76-7	PCB-27	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	2051-62-9	PCB-3	0.000097	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	16606-02-3	PCB-31	0.000029	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	38444-77-8	PCB-32	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	37680-68-5	PCB-34	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	37680-69-6	PCB-35	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	38444-87-0	PCB-36	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	38444-90-5	PCB-37	0.0000068	ug/L	J				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	53555-66-1	PCB-38	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	38444-88-1	PCB-39	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	13029-08-8	PCB-4	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-40/71	PCB-40/71	0.000078	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	52663-59-9	PCB-41	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	36559-22-5	PCB-42	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	70362-46-8	PCB-43	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-44/47/65	PCB-44/47/65	0.00012	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	70362-45-7	PCB-45	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	41464-47-5	PCB-46	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	70362-47-9	PCB-48	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-49/69	PCB-49/69	0.000078	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	16605-91-7	PCB-5	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-50/53	PCB-50/53	0.00019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	68194-04-7	PCB-51	0.000068	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	35693-99-3	PCB-52	0.000049	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	15968-05-5	PCB-54	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	74338-24-2	PCB-55	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	41464-43-1	PCB-56	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	70424-67-8	PCB-57	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	41464-49-7	PCB-58	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-59/62/75	PCB-59/62/75	0.000097	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	25569-80-6	PCB-6	0.000029	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	33025-41-1	PCB-60	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-61/70/74/76	PCB-61/70/74/76	0.00016	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	74472-34-7	PCB-63	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	52663-58-8	PCB-64	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	32598-10-0	PCB-66	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	73575-53-8	PCB-67	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	73575-52-7	PCB-68	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	33284-50-3	PCB-7	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	41464-42-0	PCB-72	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	74338-23-1	PCB-73	0.000049	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	32598-13-3	PCB-77	0.000039	ug/L	U			0.006	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	70362-49-1	PCB-78	0.000039	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	41464-48-6	PCB-79	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	34883-43-7	PCB-8	0.000029	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	33284-52-5	PCB-80	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	70362-50-4	PCB-81	0.000039	ug/L	U			0.12	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	52663-62-4	PCB-82	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	60145-20-2	PCB-83	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	52663-60-2	PCB-84	0.000014	ug/L	J				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-85/116/117	PCB-85/116/117	0.00019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	36/87/97/109/119	PCB-86/87/97/109/119/125	0.00025	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	55215-17-3	PCB-88	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	73575-57-2	PCB-89	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	34883-39-1	PCB-9	0.000019	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-90/101/113	PCB-90/101/113	0.00009	ug/L	J				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	68194-05-8	PCB-91	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	52663-61-3	PCB-92	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-93/100	PCB-93/100	0.000078	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	73575-55-0	PCB-94	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	38379-99-6	PCB-95	0.000061	ug/L	J				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	73575-54-9	PCB-96	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	PCB-98/102	PCB-98/102	0.000097	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	38380-01-7	PCB-99	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	1336-36-3	Polychlorinated biphenyls (PCBs)	0.0016	ug/L				7.2	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	25512-42-9	Total Dichlorobiphenyl	0.000016	ug/L	J				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	28655-71-2	Total Heptachlorobiphenyl	0.00034	ug/L					
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	26601-64-9	Total Hexachlorobiphenyl	0.00096	ug/L					
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	27323-18-8	Total Monochlorobiphenyl	0.000097	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	53742-07-7	Total Nonachlorobiphenyl	0.000058	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	55722-26-4	Total Octachlorobiphenyl	0.000058	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	25429-29-2	Total Pentachlorobiphenyl	0.00029	ug/L					
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	26914-33-0	Total Tetrachlorobiphenyl	0.000039	ug/L	U				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	1668C	25323-68-6	Total Trichlorobiphenyl	0.0000068	ug/L	J				
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	NWTPH-DX	TPH-D	Diesel Range Organics	96	ug/L	U			100	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	NWTPH-DX	MOIL	Residual Range Organics	290	ug/L	U			300	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	NWTPH-GX	TPH-G	Gasoline Range Organics	40	ug/L	U			14000	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	ORGANOTINS	1002-53-5	Dibutyltin	0.15	ug/L	U			6	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	ORGANOTINS	1002-53-5	Dibutyltin, Dissolved	0.15	ug/L	U			6	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	ORGANOTINS	78763-54-9	Monobutyltin	0.12	ug/L	U			3.7	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	ORGANOTINS	78763-54-9	Monobutyltin, Dissolved	0.12	ug/L	U			3.7	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	ORGANOTINS	1461-25-2	Tetrabutyltin	0.2	ug/L	U			3.7	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	ORGANOTINS	1461-25-2	Tetrabutyltin, Dissolved	0.2	ug/L	U			3.7	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	ORGANOTINS	688-73-3	Tributyltin	0.18	ug/L	U			3.7	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	MW-11-GW	ORGANOTINS	688-73-3	Tributyltin, Dissolved	0.18	ug/L	U			3.7	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	22C0464-01	SW8270D	1319-77-3	3 & 4-Methylphenol	0.486	ug/L	U			370	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	22C0464-01	SW8270D	91-94-1	3,3'-Dichlorobenzidine	9.73	ug/L	U			0.17	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	22C0464-01	SW8270D	100-02-7	4-Nitrophenol	4.86	ug/L	U			5800	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	22C0464-01	SW8270D	92-87-5	Benzidine	38.9	ug/L	U			17	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	22C0464-01	SW8270D	111-44-4	Bis (2-chloroethyl) ether	0.486	ug/L	U			140	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	22C0464-01	SW8270D	85-68-7	Butyl benzylphthalate	0.486	ug/L	U			16	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	22C0464-01	SW8270D	86-74-8	Carbazole	0.486	ug/L	U			7.9	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	22C0464-01	SW8270D	132-64-9	Dibenzofuran	0.292	ug/L	U			7.9	

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	22C0464-01	SW8270D	84-74-2	Di-n-butylphthalate	5.84	ug/L	U			900	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	22C0464-01	SW8270D	117-84-0	Di-n-octylphthalate	4.86	ug/L	U			200	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	22C0464-01	SW8270D	118-74-1	Hexachlorobenzene	0.486	ug/L	U			1.3	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	22C0464-01	SW8270D	62-75-9	N-Nitrosodimethylamine	0.486	ug/L	U			25	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	22C0464-01	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.973	ug/L	U			370	
MW-11	723452.172	7834116.171	3/9/2022	26 - 36	WG	N	22C0464-01	SW8270D	108-95-2	Phenol	0.486	ug/L	U			5800	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7429-90-5	Aluminum	20300	ug/L				20000	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7429-90-5	Aluminum, Dissolved	90	ug/L	U			20000	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-36-0	Antimony	5.5	ug/L	U			7.8	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-36-0	Antimony, Dissolved	9.8	ug/L	U			7.8	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-38-2	Arsenic	15.5	ug/L	U			6300	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-38-2	Arsenic, Dissolved	9.71	ug/L	J			6300	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-39-3	Barium	115	ug/L				4000	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-39-3	Barium, Dissolved	14.1	ug/L	J			4000	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-41-7	Beryllium	0.933	ug/L	J			270000	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-41-7	Beryllium, Dissolved	3.6	ug/L	U			270000	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-69-9	Bismuth	108	ug/L					
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-69-9	Bismuth, Dissolved	106	ug/L					
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-43-9	Cadmium	2	ug/L	U			130000	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-43-9	Cadmium, Dissolved	3.6	ug/L	U			130000	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-70-2	Calcium	20700	ug/L					
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-70-2	Calcium, Dissolved	5180	ug/L					
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-47-3	Chromium	30.7	ug/L				30000	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-47-3	Chromium, Dissolved	18	ug/L	U			30000	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-48-4	Cobalt	25.2	ug/L				6	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-48-4	Cobalt, Dissolved	18	ug/L	U			6	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-50-8	Copper	81.1	ug/L				5400000	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-50-8	Copper, Dissolved	18	ug/L	U			5400000	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-69-9	Germanium	115	ug/L					
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-69-9	Germanium, Dissolved	119	ug/L					
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-74-6	Indium	106	ug/L					
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-74-6	Indium, Dissolved	102	ug/L					
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7439-89-6	Iron	43100	ug/L				14000	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7439-89-6	Iron, Dissolved	180	ug/L	U			14000	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7439-92-1	Lead	10.4	ug/L	J			15	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7439-92-1	Lead, Dissolved	9	ug/L	U			15	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7439-93-2	Lithium	137	ug/L					
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7439-93-2	Lithium, Dissolved	127	ug/L					
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7439-95-4	Magnesium	21900	ug/L					
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7439-95-4	Magnesium, Dissolved	662	ug/L					
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7439-96-5	Manganese	717	ug/L				3200000	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7439-96-5	Manganese, Dissolved	15.2	ug/L	J			3200000	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-02-0	Nickel	39.4	ug/L				400	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-02-0	Nickel, Dissolved	18	ug/L	U			400	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-09-7	Potassium	3530	ug/L					
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-09-7	Potassium, Dissolved	2200	ug/L					
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-20-2	Scandium	114	ug/L					
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-20-2	Scandium, Dissolved	122	ug/L					
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7782-49-2	Selenium	3.76	ug/L	J			100	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7782-49-2	Selenium, Dissolved	18	ug/L	U			100	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-22-4	Silver	1	ug/L	U			1100000	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-22-4	Silver, Dissolved	1.8	ug/L	U			1100000	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-23-5	Sodium	104000	ug/L					
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-23-5	Sodium, Dissolved	91500	ug/L					
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	15492-51-0	Terbium	116	ug/L					
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	15492-51-0	Terbium, Dissolved	106	ug/L					
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-28-0	Thallium	1	ug/L	U			0.2	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-28-0	Thallium, Dissolved	1.14	ug/L	U			0.2	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-62-2	Vanadium	52.8	ug/L				86	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-62-2	Vanadium, Dissolved	4.14	ug/L	J			86	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-65-5	Yttrium	124	ug/L					
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-65-5	Yttrium, Dissolved	102	ug/L					
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-66-6	Zinc	84	ug/L				6000	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW6020B	7440-66-6	Zinc, Dissolved	36	ug/L	U			6000	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW7470A	7439-97-6	Mercury	0.25	ug/L	U			11	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	630-20-6	1,1,1,2-Tetrachloroethane	0.2	ug/L	U			36	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	79-34-5	1,1,2,2-Tetrachloroethane	0.2	ug/L	U			30	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	79-00-5	1,1,2-Trichloroethane	0.2	ug/L	U			44	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	75-34-3	1,1-Dichloroethane	0.2	ug/L	U			55	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	96-18-4	1,2,3-Trichloropropane	0.2	ug/L	U			200	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	95-63-6	1,2,4-Trimethylbenzene	0.2	ug/L	U			2400	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	106-93-4	1,2-Dibromoethane (EDB)	0.2	ug/L	U			1.5	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	107-06-2	1,2-Dichloroethane	0.3	ug/L	U			18	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	78-87-5	1,2-Dichloropropane	0.3	ug/L	U			52	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	106-46-7	1,4-Dichlorobenzene	0.2	ug/L	U			25	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	594-20-7	2,2-Dichloropropane	0.2	ug/L	U			52	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	71-43-2	Benzene	0.2	ug/L	U			12	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	74-97-5	Bromochloromethane	0.2	ug/L	U			450	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	75-27-4	Bromodichloromethane	0.2	ug/L	U			6.9	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	56-23-5	Carbon tetrachloride	0.2	ug/L	U			3.1	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	67-66-3	Chloroform	0.3	ug/L	U			5.9	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	156-59-2	cis-1,2-Dichloroethene	0.3	ug/L	U			1800	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	10061-01-5	cis-1,3-Dichloropropene	0.2	ug/L	U			40	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	124-48-1	Dibromochloromethane	0.2	ug/L	U			610	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	74-95-3	Dibromomethane	0.2	ug/L	U			950	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	87-68-3	Hexachlorobutadiene	0.2	ug/L	U			3.3	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	98-82-8	Isopropylbenzene	0.2	ug/L	U			9100	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	103-65-1	n-Propylbenzene	0.2	ug/L	U			22000	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	10061-02-6	trans-1,3-Dichloropropene	0.2	ug/L	U			21	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	79-01-6	Trichloroethene	0.2	ug/L	U			7.4	
MW-11	723452.172	7834116.171	3/10/2022	26 - 36	WG	N	22C0570-02	SW8260B/D	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	53-19-0	2,4-DDD	0.0105	ug/L	UJ				
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	3424-82-6	2,4-DDE	0.0105	ug/L	UJ				
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	789-02-6	2,4-DDT	0.0105	ug/L	UJ				
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	72-54-8	4,4'-DDD	0.0097	ug/L	U			3.2	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	72-55-9	4,4'-DDE	0.0194	ug/L	U			310	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	50-29-3	4,4'-DDT	0.0485	ug/L	U			0.23	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	309-00-2	Aldrin	0.0194	ug/L	U			3.5	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	319-84-6	alpha-BHC	0.0194	ug/L	U			18	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	5103-71-9	alpha-Chlordane	0.0243	ug/L	U			0.45	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	319-85-7	beta-BHC	0.0194	ug/L	U			0.025	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	319-86-8	delta-BHC	0.0194	ug/L	U			0.0072	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	60-57-1	Dieldrin	0.0194	ug/L	U			2.4	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	959-98-8	Endosulfan I	0.0194	ug/L	U			98	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	33213-65-9	Endosulfan II	0.0194	ug/L	U			98	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	1031-07-8	Endosulfan sulfate	0.0243	ug/L	U			98	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	72-20-8	Endrin	0.0194	ug/L	U			170	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	7421-93-4	Endrin aldehyde	0.0243	ug/L	U			170	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	53494-70-5	Endrin ketone	0.0194	ug/L	U			170	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	58-89-9	gamma-BHC (Lindane)	0.0194	ug/L	U			100	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	5103-74-2	gamma-Chlordane	0.0243	ug/L	U			0.45	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	76-44-8	Heptachlor	0.0194	ug/L	U			1.8	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	1024-57-3	Heptachlor epoxide	0.0194	ug/L	U			3.2	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	72-43-5	Methoxychlor	0.0485	ug/L	U			37	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	27304-13-8	Oxychlordane	0.0105	ug/L	UJ				
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8081B	8001-35-2	Toxaphene	0.97	ug/L	U			18	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8270D SIM	91-57-6	2-Methylnaphthalene	0.0394	ug/L	U			36	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8270D SIM	83-32-9	Acenaphthene	0.0394	ug/L	U			510	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8270D SIM	208-96-8	Acenaphthylene	0.0394	ug/L	U			20	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8270D SIM	120-12-7	Anthracene	0.0394	ug/L	U			1800	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8270D SIM	56-55-3	Benzo(a)anthracene	0.0788	ug/L	U			2300	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8270D SIM	50-32-8	Benzo(a)pyrene	0.0591	ug/L	U			0.025	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8270D SIM	205-99-2	Benzo(b)fluoranthene	0.0591	ug/L	U			0.25	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8270D SIM	191-24-2	Benzo(g,h,i)perylene	0.0788	ug/L	U			120	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8270D SIM	207-08-9	Benzo(k)fluoranthene	0.0788	ug/L	U			2.5	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8270D SIM	117-81-7	Bis (2-ethylhexyl) phthalate	0.985	ug/L	U			5.6	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8270D SIM	218-01-9	Chrysene	0.118	ug/L	U			25	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8270D SIM	53-70-3	Dibenzo(a,h)anthracene	0.118	ug/L	U			0.025	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8270D SIM	206-44-0	Fluoranthene	0.0788	ug/L	U			800	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8270D SIM	86-73-7	Fluorene	0.0394	ug/L	U			280	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8270D SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0788	ug/L	U			0.25	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8270D SIM	91-20-3	Naphthalene	0.0788	ug/L	U			20	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8270D SIM	85-01-8	Phenanthrene	0.118	ug/L	U			1800	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	SW8270D SIM	129-00-0	Pyrene	0.0591	ug/L	U			110	
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.199676	ug/L	U				
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.8073	ug/L	U				
MW-11	723452.172	7834116.171	4/4/2022	26 - 36	WG	N	22D0247-02	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.4332	ug/L	U				
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	300.0	24959-67-9	Bromide	16	ug/L	J				
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	6010B	7440-70-2	Calcium, Dissolved	30900	ug/L					
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	6010B	7439-89-6	Iron	50.4	ug/L	U			14000	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	6010B	7439-89-6	Iron, Dissolved	4	ug/L	U			14000	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	6010B	7439-95-4	Magnesium, Dissolved	8430	ug/L					
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	6010B	7440-09-7	Potassium, Dissolved	2260	ug/L					
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	6010B	7440-23-5	Sodium, Dissolved	13400	ug/L					
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	6010B	7440-62-2	Vanadium	1.1	ug/L	J			86	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	6010B	7440-62-2	Vanadium, Dissolved	0.8	ug/L	U			86	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	6020	7440-38-2	Arsenic	0.61	ug/L				6300	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	6020	7440-38-2	Arsenic, Dissolved	0.61	ug/L				6300	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.045	ug/L	U			36	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	71-55-6	1,1,1-Trichloroethane	1.9	ug/L				53000	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.088	ug/L	U			30	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	79-00-5	1,1,2-Trichloroethane	0.094	ug/L	U			44	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	75-34-3	1,1-Dichloroethane	5	ug/L				55	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	75-35-4	1,1-Dichloroethene	2.1	ug/L				1300	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	563-58-6	1,1-Dichloropropene	0.062	ug/L	U			40	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	87-61-6	1,2,3-Trichlorobenzene	0.084	ug/L	U			7	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	96-18-4	1,2,3-Trichloropropane	0.24	ug/L	U			200	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	120-82-1	1,2,4-Trichlorobenzene	0.18	ug/L	U			380	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	95-63-6	1,2,4-Trimethylbenzene	0.062	ug/L	U			2400	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.072	ug/L	U			1.5	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	95-50-1	1,2-Dichlorobenzene	0.069	ug/L	U			25000	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	107-06-2	1,2-Dichloroethane	0.066	ug/L	U			18	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	78-87-5	1,2-Dichloropropane	0.062	ug/L	U			52	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	108-67-8	1,3,5-Trimethylbenzene	0.066	ug/L	U			1700	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	541-73-1	1,3-Dichlorobenzene	0.082	ug/L	U			25	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	142-28-9	1,3-Dichloropropane	0.057	ug/L	U			370	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	106-46-7	1,4-Dichlorobenzene	0.084	ug/L	U			25	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	594-20-7	2,2-Dichloropropane	0.083	ug/L	U			52	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	95-49-8	2-Chlorotoluene	0.079	ug/L	U			240	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	591-78-6	2-Hexanone	2.4	ug/L	U			72000	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	106-43-4	4-Chlorotoluene	0.057	ug/L	U			250	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	67-64-1	Acetone	3	ug/L	U			18000	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	71-43-2	Benzene	0.062	ug/L	U			12	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	108-86-1	Bromobenzene	0.066	ug/L	U			6300	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	74-97-5	Bromochloromethane	0.099	ug/L	U			450	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	75-27-4	Bromodichloromethane	0.055	ug/L	U			6.9	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	75-25-2	Bromoform	0.099	ug/L	U			1100	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	74-83-9	Bromomethane	0.12	ug/L	U			110	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	75-15-0	Carbon disulfide	0.2	ug/L	J			8200	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	56-23-5	Carbon tetrachloride	0.048	ug/L	U			3.1	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	108-90-7	Chlorobenzene	0.064	ug/L	U			3400	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	75-00-3	Chloroethane	0.13	ug/L	U			57000	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	74-87-3	Chloromethane	0.11	ug/L	U			1500	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	156-59-2	cis-1,2-Dichloroethene	550	ug/L				1800	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	10061-01-5	cis-1,3-Dichloropropene	0.055	ug/L	U			40	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	124-48-1	Dibromochloromethane	0.072	ug/L	U			610	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	74-95-3	Dibromomethane	0.12	ug/L	U			950	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	75-71-8	Dichlorodifluoromethane	0.075	ug/L	U			41	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	100-41-4	Ethylbenzene	0.068	ug/L	U			31	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	87-68-3	Hexachlorobutadiene	0.15	ug/L	U			3.3	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	98-82-8	Isopropylbenzene	0.076	ug/L	U			9100	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	179601-23-1	m,p-Xylene	0.11	ug/L	U			3000	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	78-93-3	MEK (2-Butanone)	2.3	ug/L	U			17000000	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	75-09-2	Methylene chloride	0.084	ug/L	U			15000	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	1.4	ug/L	U			4600000	

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	91-20-3	Naphthalene	0.096	ug/L	U			20	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	104-51-8	n-Butylbenzene	0.085	ug/L	U			1000	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	103-65-1	n-Propylbenzene	0.0059	ug/L	U			22000	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	95-47-6	o-Xylene	0.068	ug/L	U			4300	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	99-87-6	p-Cymene	0.07	ug/L	U			9100	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	135-98-8	sec-Butylbenzene	0.071	ug/L	U			2000	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	100-42-5	Styrene	0.077	ug/L	U			84000	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	98-06-6	tert-Butylbenzene	0.059	ug/L	U			690	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	127-18-4	Tetrachloroethene	5.1	ug/L				130	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	108-88-3	Toluene	0.58	ug/L				150000	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	156-60-5	trans-1,2-Dichloroethene	1.7	ug/L				457	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	10061-02-6	trans-1,3-Dichloropropene	0.075	ug/L	U			21	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	79-01-6	Trichloroethene	3.2	ug/L				7.4	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	75-69-4	Trichlorofluoromethane	0.099	ug/L	U			160000	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	108-05-4	Vinyl acetate	0.91	ug/L	U			80000	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8260B	75-01-4	Vinyl chloride	4.1	ug/L				3.3	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8270C	205-99-2	Benzo(b)fluoranthene	0.018	ug/L	J			0.25	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8270C	207-08-9	Benzo(k)fluoranthene	0.025	ug/L	U			2.5	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	8270C	85-01-8	Phenanthrene	0.023	ug/L	U			1800	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	Krone	78763-54-9	Monobutyltin	0.011	ug/L	U			3.7	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	NWTPH-Dx	TPH-D	Diesel Range Organics	120	ug/L	U			100	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	NWTPH-Dx	MOIL	Residual Range Organics	22	ug/L	U			300	
MW-12	723507.925	7833981.845	4/15/2008	16 - 26	WG	N	080415MW12GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-12	723507.925	7833981.845	7/15/2008	16 - 26	WG	N	080715MW12GW	6010B	7439-89-6	Iron	108	ug/L				14000	
MW-12	723507.925	7833981.845	7/15/2008	16 - 26	WG	N	080715MW12GW	6010B	7439-89-6	Iron, Dissolved	7.1	ug/L	J			14000	
MW-12	723507.925	7833981.845	7/15/2008	16 - 26	WG	N	080715MW12GW	6020	7440-38-2	Arsenic	0.76	ug/L				6300	
MW-12	723507.925	7833981.845	7/15/2008	16 - 26	WG	N	080715MW12GW	6020	7440-38-2	Arsenic, Dissolved	0.87	ug/L				6300	
MW-12	723507.925	7833981.845	7/15/2008	16 - 26	WG	N	080715MW12GW	6020	7440-62-2	Vanadium	1.27	ug/L				86	
MW-12	723507.925	7833981.845	7/15/2008	16 - 26	WG	N	080715MW12GW	6020	7440-62-2	Vanadium, Dissolved	1.05	ug/L				86	
MW-12	723507.925	7833981.845	7/15/2008	16 - 26	WG	N	080715MW12GW	8260B	594-20-7	2,2-Dichloropropane	0.42	ug/L	U			52	
MW-12	723507.925	7833981.845	7/15/2008	16 - 26	WG	N	080715MW12GW	8260B	67-66-3	Chloroform	0.41	ug/L	U			5.9	
MW-12	723507.925	7833981.845	7/15/2008	16 - 26	WG	N	080715MW12GW	8260B	156-59-2	cis-1,2-Dichloroethene	660	ug/L				1800	
MW-12	723507.925	7833981.845	7/15/2008	16 - 26	WG	N	080715MW12GW	8260B	127-18-4	Tetrachloroethene	5.1	ug/L				130	
MW-12	723507.925	7833981.845	7/15/2008	16 - 26	WG	N	080715MW12GW	8260B	79-01-6	Trichloroethene	3	ug/L				7.4	
MW-12	723507.925	7833981.845	7/15/2008	16 - 26	WG	N	080715MW12GW	8260B	75-01-4	Vinyl chloride	0.9	ug/L	J			3.3	
MW-12	723507.925	7833981.845	7/15/2008	16 - 26	WG	N	080715MW12GW	8270C	205-99-2	Benzo(b)fluoranthene	0.017	ug/L	U			0.25	
MW-12	723507.925	7833981.845	7/15/2008	16 - 26	WG	N	080715MW12GW	8270C	207-08-9	Benzo(k)fluoranthene	0.024	ug/L	U			2.5	
MW-12	723507.925	7833981.845	7/15/2008	16 - 26	WG	N	080715MW12GW	8270C	85-01-8	Phenanthrene	0.022	ug/L	U			1800	
MW-12	723507.925	7833981.845	7/15/2008	16 - 26	WG	N	080715MW12GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-12	723507.925	7833981.845	7/15/2008	16 - 26	WG	N	080715MW12GW	NWTPH-Dx	TPH-D	Diesel Range Organics	17	ug/L	J			100	
MW-12	723507.925	7833981.845	7/15/2008	16 - 26	WG	N	080715MW12GW	NWTPH-Dx	MOIL	Residual Range Organics	110	ug/L	U			300	
MW-12	723507.925	7833981.845	7/15/2008	16 - 26	WG	N	080715MW12GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-12	723507.925	7833981.845	10/21/2008	16 - 26	WG	N	081021MW12GW	6010B	7439-89-6	Iron	14.1	ug/L	J			14000	
MW-12	723507.925	7833981.845	10/21/2008	16 - 26	WG	N	081021MW12GW	6010B	7439-89-6	Iron, Dissolved	20	ug/L	U			14000	
MW-12	723507.925	7833981.845	10/21/2008	16 - 26	WG	N	081021MW12GW	6020	7440-38-2	Arsenic	0.71	ug/L				6300	
MW-12	723507.925	7833981.845	10/21/2008	16 - 26	WG	N	081021MW12GW	6020	7440-38-2	Arsenic, Dissolved	0.62	ug/L				6300	
MW-12	723507.925	7833981.845	10/21/2008	16 - 26	WG	N	081021MW12GW	6020	7440-62-2	Vanadium	0.96	ug/L				86	
MW-12	723507.925	7833981.845	10/21/2008	16 - 26	WG	N	081021MW12GW	6020	7440-62-2	Vanadium, Dissolved	0.82	ug/L				86	
MW-12	723507.925	7833981.845	10/21/2008	16 - 26	WG	N	081021MW12GW	8260B	594-20-7	2,2-Dichloropropane	0.21	ug/L	U			52	
MW-12	723507.925	7833981.845	10/21/2008	16 - 26	WG	N	081021MW12GW	8260B	67-66-3	Chloroform	0.21	ug/L	U			5.9	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-12	723507.925	7833981.845	10/21/2008	16 - 26	WG	N	081021MW12GW	8260B	156-59-2	cis-1,2-Dichloroethene	600	ug/L				1800	
MW-12	723507.925	7833981.845	10/21/2008	16 - 26	WG	N	081021MW12GW	8260B	127-18-4	Tetrachloroethene	6.2	ug/L				130	
MW-12	723507.925	7833981.845	10/21/2008	16 - 26	WG	N	081021MW12GW	8260B	79-01-6	Trichloroethene	3.4	ug/L				7.4	
MW-12	723507.925	7833981.845	10/21/2008	16 - 26	WG	N	081021MW12GW	8260B	75-01-4	Vinyl chloride	0.48	ug/L	J			3.3	
MW-12	723507.925	7833981.845	10/21/2008	16 - 26	WG	N	081021MW12GW	8270C	205-99-2	Benzo(b)fluoranthene	0.017	ug/L	U			0.25	
MW-12	723507.925	7833981.845	10/21/2008	16 - 26	WG	N	081021MW12GW	8270C	207-08-9	Benzo(k)fluoranthene	0.024	ug/L	U			2.5	
MW-12	723507.925	7833981.845	10/21/2008	16 - 26	WG	N	081021MW12GW	8270C	85-01-8	Phenanthrene	0.022	ug/L	U			1800	
MW-12	723507.925	7833981.845	10/21/2008	16 - 26	WG	N	081021MW12GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-12	723507.925	7833981.845	10/21/2008	16 - 26	WG	N	081021MW12GW	NWTPH-Dx	TPH-D	Diesel Range Organics	12	ug/L	U			100	
MW-12	723507.925	7833981.845	10/21/2008	16 - 26	WG	N	081021MW12GW	NWTPH-Dx	MOIL	Residual Range Organics	21	ug/L	U			300	
MW-12	723507.925	7833981.845	10/21/2008	16 - 26	WG	N	081021MW12GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-12	723507.925	7833981.845	1/13/2009	16 - 26	WG	N	090113MW12GW	6010B	7439-89-6	Iron	20	ug/L	U			14000	
MW-12	723507.925	7833981.845	1/13/2009	16 - 26	WG	N	090113MW12GW	6010B	7439-89-6	Iron, Dissolved	20	ug/L	U			14000	
MW-12	723507.925	7833981.845	1/13/2009	16 - 26	WG	N	090113MW12GW	6020	7440-38-2	Arsenic	0.6	ug/L				6300	
MW-12	723507.925	7833981.845	1/13/2009	16 - 26	WG	N	090113MW12GW	6020	7440-38-2	Arsenic, Dissolved	0.8	ug/L				6300	
MW-12	723507.925	7833981.845	1/13/2009	16 - 26	WG	N	090113MW12GW	6020	7440-62-2	Vanadium	1.43	ug/L				86	
MW-12	723507.925	7833981.845	1/13/2009	16 - 26	WG	N	090113MW12GW	6020	7440-62-2	Vanadium, Dissolved	1.17	ug/L				86	
MW-12	723507.925	7833981.845	1/13/2009	16 - 26	WG	N	090113MW12GW	8260B	594-20-7	2,2-Dichloropropane	0.21	ug/L	U			52	
MW-12	723507.925	7833981.845	1/13/2009	16 - 26	WG	N	090113MW12GW	8260B	67-66-3	Chloroform	0.21	ug/L	U			5.9	
MW-12	723507.925	7833981.845	1/13/2009	16 - 26	WG	N	090113MW12GW	8260B	156-59-2	cis-1,2-Dichloroethene	530	ug/L				1800	
MW-12	723507.925	7833981.845	1/13/2009	16 - 26	WG	N	090113MW12GW	8260B	127-18-4	Tetrachloroethene	5.8	ug/L				130	
MW-12	723507.925	7833981.845	1/13/2009	16 - 26	WG	N	090113MW12GW	8260B	79-01-6	Trichloroethene	3	ug/L				7.4	
MW-12	723507.925	7833981.845	1/13/2009	16 - 26	WG	N	090113MW12GW	8260B	75-01-4	Vinyl chloride	1.6	ug/L				3.3	
MW-12	723507.925	7833981.845	1/13/2009	16 - 26	WG	N	090113MW12GW	8270C	205-99-2	Benzo(b)fluoranthene	0.017	ug/L	U			0.25	
MW-12	723507.925	7833981.845	1/13/2009	16 - 26	WG	N	090113MW12GW	8270C	207-08-9	Benzo(k)fluoranthene	0.024	ug/L	U			2.5	
MW-12	723507.925	7833981.845	1/13/2009	16 - 26	WG	N	090113MW12GW	8270C	85-01-8	Phenanthrene	0.022	ug/L	U			1800	
MW-12	723507.925	7833981.845	1/13/2009	16 - 26	WG	N	090113MW12GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-12	723507.925	7833981.845	1/13/2009	16 - 26	WG	N	090113MW12GW	NWTPH-Dx	TPH-D	Diesel Range Organics	12	ug/L	U			100	
MW-12	723507.925	7833981.845	1/13/2009	16 - 26	WG	N	090113MW12GW	NWTPH-Dx	MOIL	Residual Range Organics	110	ug/L	U			300	
MW-12	723507.925	7833981.845	1/13/2009	16 - 26	WG	N	090113MW12GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.005717	ug/L				1.3	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	2051-60-7	PCB-1	0.00011	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	33146-45-1	PCB-10	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	60145-21-3	PCB-103	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	56558-16-8	PCB-104	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	32598-14-4	PCB-105	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	70424-69-0	PCB-106	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	70424-68-9	PCB-107	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-108/124	PCB-108/124	0.000078	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	2050-67-1	PCB-11	0.00027	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-110/115	PCB-110/115	0.00014	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	39635-32-0	PCB-111	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	74472-36-9	PCB-112	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	74472-37-0	PCB-114	0.000039	ug/L	U			2.9	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	31508-00-6	PCB-118	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-12/13	PCB-12/13	0.000048	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	68194-12-7	PCB-120	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	56558-18-0	PCB-121	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	76842-07-4	PCB-122	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	65510-44-3	PCB-123	0.000039	ug/L	U			1.4	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	57465-28-8	PCB-126	0.000039	ug/L	U			0.00042	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	39635-33-1	PCB-127	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-128/166	PCB-128/166	0.000078	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-129/138/163	PCB-129/138/163	0.000075	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	52663-66-8	PCB-130	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	61798-70-7	PCB-131	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	38380-05-1	PCB-132	0.000031	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	35694-04-3	PCB-133	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	52704-70-8	PCB-134	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-135/151	PCB-135/151	0.000045	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	38411-22-2	PCB-136	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	35694-06-5	PCB-137	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-139/140	PCB-139/140	0.000078	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	34883-41-5	PCB-14	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	52712-04-6	PCB-141	0.000023	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	41411-61-4	PCB-142	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	68194-15-0	PCB-143	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	68194-14-9	PCB-144	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	74472-40-5	PCB-145	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	51908-16-8	PCB-146	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-147/149	PCB-147/149	0.00011	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	74472-41-6	PCB-148	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	2050-68-2	PCB-15	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	68194-08-1	PCB-150	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	68194-09-2	PCB-152	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-153/168	PCB-153/168	0.00008	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	60145-22-4	PCB-154	0.000097	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	33979-03-2	PCB-155	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-156/157	PCB-156/157	0.000078	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	74472-42-7	PCB-158	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	39635-35-3	PCB-159	0.000048	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	38444-78-9	PCB-16	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	41411-62-5	PCB-160	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	74472-43-8	PCB-161	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	39635-34-2	PCB-162	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	74472-45-0	PCB-164	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	74472-46-1	PCB-165	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	52663-72-6	PCB-167	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	32774-16-6	PCB-169	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	37680-66-3	PCB-17	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	35065-30-6	PCB-170	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-171/173	PCB-171/173	0.000078	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	52663-74-8	PCB-172	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	38411-25-5	PCB-174	0.000025	ug/L	J				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	40186-70-7	PCB-175	0.000048	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	52663-65-7	PCB-176	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	52663-70-4	PCB-177	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	52663-67-9	PCB-178	0.000058	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	52663-64-6	PCB-179	0.000015	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-18/30	PCB-18/30	0.000039	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-180/193	PCB-180/193	0.000031	ug/L	UJ				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	74472-47-2	PCB-181	0.000048	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	60145-23-5	PCB-182	0.000048	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-183/185	PCB-183/185	0.00012	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	74472-48-3	PCB-184	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	74472-49-4	PCB-186	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	52663-68-0	PCB-187	0.00003	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	74487-85-7	PCB-188	0.00017	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	39635-31-9	PCB-189	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	38444-73-4	PCB-19	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	41411-64-7	PCB-190	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	74472-50-7	PCB-191	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	74472-51-8	PCB-192	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	35694-08-7	PCB-194	0.000058	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	52663-78-2	PCB-195	0.000058	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	42740-50-1	PCB-196	0.000058	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-197/200	PCB-197/200	0.00016	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-198/199	PCB-198/199	0.00012	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	2051-61-8	PCB-2	0.00015	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-20/28	PCB-20/28	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	40186-71-8	PCB-201	0.00019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	2136-99-4	PCB-202	0.000058	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	52663-76-0	PCB-203	0.000058	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	74472-52-9	PCB-204	0.000058	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	74472-53-0	PCB-205	0.000058	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	40186-72-9	PCB-206	0.000058	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	52663-79-3	PCB-207	0.000058	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	52663-77-1	PCB-208	0.000058	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	2051-24-3	PCB-209	0.00073	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-21/33	PCB-21/33	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	38444-85-8	PCB-22	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	55720-44-0	PCB-23	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	55702-45-9	PCB-24	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	55712-37-3	PCB-25	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-26/29	PCB-26/29	0.000058	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	38444-76-7	PCB-27	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	2051-62-9	PCB-3	0.000097	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	16606-02-3	PCB-31	0.000029	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	38444-77-8	PCB-32	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	37680-68-5	PCB-34	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	37680-69-6	PCB-35	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	38444-87-0	PCB-36	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	38444-90-5	PCB-37	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	53555-66-1	PCB-38	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	38444-88-1	PCB-39	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	13029-08-8	PCB-4	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-40/71	PCB-40/71	0.000078	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	52663-59-9	PCB-41	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	36559-22-5	PCB-42	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	70362-46-8	PCB-43	0.000039	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-44/47/65	PCB-44/47/65	0.00012	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	70362-45-7	PCB-45	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	41464-47-5	PCB-46	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	70362-47-9	PCB-48	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-49/69	PCB-49/69	0.000078	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	16605-91-7	PCB-5	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-50/53	PCB-50/53	0.00019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	68194-04-7	PCB-51	0.000068	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	35693-99-3	PCB-52	0.000048	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	15968-05-5	PCB-54	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	74338-24-2	PCB-55	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	41464-43-1	PCB-56	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	70424-67-8	PCB-57	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	41464-49-7	PCB-58	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-59/62/75	PCB-59/62/75	0.000097	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	25569-80-6	PCB-6	0.000029	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	33025-41-1	PCB-60	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-61/70/74/76	PCB-61/70/74/76	0.00016	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	74472-34-7	PCB-63	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	52663-58-8	PCB-64	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	32598-10-0	PCB-66	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	73575-53-8	PCB-67	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	73575-52-7	PCB-68	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	33284-50-3	PCB-7	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	41464-42-0	PCB-72	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	74338-23-1	PCB-73	0.000048	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	32598-13-3	PCB-77	0.000039	ug/L	U			0.006	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	70362-49-1	PCB-78	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	41464-48-6	PCB-79	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	34883-43-7	PCB-8	0.000029	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	33284-52-5	PCB-80	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	70362-50-4	PCB-81	0.000039	ug/L	U			0.12	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	52663-62-4	PCB-82	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	60145-20-2	PCB-83	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	52663-60-2	PCB-84	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-85/116/117	PCB-85/116/117	0.00019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	36/87/97/109/119	PCB-86/87/97/109/119/125	0.00025	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	55215-17-3	PCB-88	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	73575-57-2	PCB-89	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	34883-39-1	PCB-9	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-90/101/113	PCB-90/101/113	0.00012	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	68194-05-8	PCB-91	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	52663-61-3	PCB-92	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-93/100	PCB-93/100	0.000078	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	73575-55-0	PCB-94	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	38379-99-6	PCB-95	0.000016	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	73575-54-9	PCB-96	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	PCB-98/102	PCB-98/102	0.000097	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	38380-01-7	PCB-99	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	1336-36-3	Polychlorinated biphenyls (PCBs)	0.00048	ug/L	J			7.2	

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	25512-42-9	Total Dichlorobiphenyl	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	28655-71-2	Total Heptachlorobiphenyl	0.0001	ug/L	J				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	26601-64-9	Total Hexachlorobiphenyl	0.00036	ug/L	J				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	27323-18-8	Total Monochlorobiphenyl	0.000097	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	53742-07-7	Total Nonachlorobiphenyl	0.000058	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	55722-26-4	Total Octachlorobiphenyl	0.000058	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	25429-29-2	Total Pentachlorobiphenyl	0.000016	ug/L	J				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	26914-33-0	Total Tetrachlorobiphenyl	0.000039	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	1668C	25323-68-6	Total Trichlorobiphenyl	0.000019	ug/L	U				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	NWTPH-DX	TPH-D	Diesel Range Organics	96	ug/L	U			100	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	NWTPH-DX	MOIL	Residual Range Organics	290	ug/L	U			300	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	NWTPH-GX	TPH-G	Gasoline Range Organics	40	ug/L	U			14000	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	ORGANOTINS	1002-53-5	Dibutyltin	0.15	ug/L	U			6	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	ORGANOTINS	78763-54-9	Monobutyltin	0.12	ug/L	U			3.7	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	ORGANOTINS	1461-25-2	Tetrabutyltin	0.19	ug/L	U			3.7	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	MW-12-GW	ORGANOTINS	688-73-3	Tributyltin	0.17	ug/L	U			3.7	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7429-90-5	Aluminum	527	ug/L				20000	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7429-90-5	Aluminum, Dissolved	50	ug/L	U			20000	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-36-0	Antimony	4.81	ug/L	U			7.8	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-36-0	Antimony, Dissolved	4.89	ug/L	U			7.8	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-38-2	Arsenic	2.8	ug/L	U			6300	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-38-2	Arsenic, Dissolved	2.52	ug/L	J			6300	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-39-3	Barium	28.6	ug/L				4000	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-39-3	Barium, Dissolved	21.7	ug/L	J			4000	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-41-7	Beryllium	2	ug/L	U			270000	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-41-7	Beryllium, Dissolved	2	ug/L	U			270000	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-69-9	Bismuth	110	ug/L					
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-69-9	Bismuth, Dissolved	104	ug/L					
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-43-9	Cadmium	2	ug/L	U			130000	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-43-9	Cadmium, Dissolved	2	ug/L	U			130000	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-70-2	Calcium	29900	ug/L					
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-70-2	Calcium, Dissolved	28500	ug/L					
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-47-3	Chromium	10	ug/L	U			30000	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-47-3	Chromium, Dissolved	10	ug/L	U			30000	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-48-4	Cobalt	10	ug/L	U			6	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-48-4	Cobalt, Dissolved	10	ug/L	U			6	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-50-8	Copper	3.6	ug/L	J			5400000	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-50-8	Copper, Dissolved	10	ug/L	U			5400000	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-69-9	Germanium	113	ug/L					
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-69-9	Germanium, Dissolved	118	ug/L					
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-74-6	Indium	107	ug/L					
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-74-6	Indium, Dissolved	103	ug/L					
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7439-89-6	Iron	724	ug/L				14000	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7439-89-6	Iron, Dissolved	100	ug/L	U			14000	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7439-92-1	Lead	5	ug/L	U			15	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7439-92-1	Lead, Dissolved	5	ug/L	U			15	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7439-93-2	Lithium	134	ug/L					
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7439-93-2	Lithium, Dissolved	126	ug/L					
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7439-95-4	Magnesium	10200	ug/L					
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7439-95-4	Magnesium, Dissolved	9880	ug/L					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7439-96-5	Manganese	92	ug/L				3200000	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7439-96-5	Manganese, Dissolved	13.3	ug/L	J			3200000	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-02-0	Nickel	10	ug/L	U			400	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-02-0	Nickel, Dissolved	10	ug/L	U			400	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-09-7	Potassium	1080	ug/L					
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-09-7	Potassium, Dissolved	985	ug/L					
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-20-2	Scandium	113	ug/L					
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-20-2	Scandium, Dissolved	120	ug/L					
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7782-49-2	Selenium	10	ug/L	U			100	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7782-49-2	Selenium, Dissolved	10	ug/L	U			100	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-22-4	Silver	1	ug/L	U			1100000	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-22-4	Silver, Dissolved	1	ug/L	U			1100000	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-23-5	Sodium	22100	ug/L	J				
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-23-5	Sodium, Dissolved	17800	ug/L					
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	15492-51-0	Terbium	113	ug/L					
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	15492-51-0	Terbium, Dissolved	105	ug/L					
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-28-0	Thallium	1	ug/L	U			0.2	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-28-0	Thallium, Dissolved	0.665	ug/L	U			0.2	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-62-2	Vanadium	5	ug/L				86	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-62-2	Vanadium, Dissolved	1.71	ug/L	J			86	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-65-5	Yttrium	112	ug/L					
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-65-5	Yttrium, Dissolved	114	ug/L					
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-66-6	Zinc	20	ug/L	U			6000	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW6020B	7440-66-6	Zinc, Dissolved	20	ug/L	U			6000	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW7470A	7439-97-6	Mercury	0.25	ug/L	U			11	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	630-20-6	1,1,1,2-Tetrachloroethane	0.2	ug/L	U			36	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	79-34-5	1,1,2,2-Tetrachloroethane	0.2	ug/L	U			30	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	79-00-5	1,1,2-Trichloroethane	0.2	ug/L	U			44	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	75-34-3	1,1-Dichloroethane	1.93	ug/L				55	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	96-18-4	1,2,3-Trichloropropane	0.2	ug/L	U			200	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	95-63-6	1,2,4-Trimethylbenzene	0.2	ug/L	U			2400	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	106-93-4	1,2-Dibromoethane (EDB)	0.2	ug/L	U			1.5	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	107-06-2	1,2-Dichloroethane	0.3	ug/L	U			18	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	78-87-5	1,2-Dichloropropane	0.3	ug/L	U			52	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	106-46-7	1,4-Dichlorobenzene	0.2	ug/L	U			25	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	594-20-7	2,2-Dichloropropane	0.2	ug/L	U			52	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	71-43-2	Benzene	0.2	ug/L	U			12	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	74-97-5	Bromochloromethane	0.2	ug/L	U			450	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	75-27-4	Bromodichloromethane	0.2	ug/L	U			6.9	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	56-23-5	Carbon tetrachloride	0.2	ug/L	U			3.1	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	67-66-3	Chloroform	0.3	ug/L	U			5.9	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	156-59-2	cis-1,2-Dichloroethene	245	ug/L				1800	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	10061-01-5	cis-1,3-Dichloropropene	0.2	ug/L	U			40	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	124-48-1	Dibromochloromethane	0.2	ug/L	U			610	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	74-95-3	Dibromomethane	0.2	ug/L	U			950	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	87-68-3	Hexachlorobutadiene	0.2	ug/L	U			3.3	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	98-82-8	Isopropylbenzene	0.2	ug/L	U			9100	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	103-65-1	n-Propylbenzene	0.2	ug/L	U			22000	

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	127-18-4	Tetrachloroethene	1.2	ug/L				130	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	10061-02-6	trans-1,3-Dichloropropene	0.2	ug/L	U			21	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	79-01-6	Trichloroethene	0.8	ug/L				7.4	
MW-12	723507.925	7833981.845	3/10/2022	16 - 26	WG	N	22C0570-03	SW8260B/D	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	53-19-0	2,4-DDD	0.0103	ug/L	UJ				
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	3424-82-6	2,4-DDE	0.0103	ug/L	UJ				
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	789-02-6	2,4-DDT	0.0103	ug/L	UJ				
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	72-54-8	4,4'-DDD	0.0107	ug/L	U			3.2	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	72-55-9	4,4'-DDE	0.0213	ug/L	U			310	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	50-29-3	4,4'-DDT	0.0533	ug/L	U			0.23	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	309-00-2	Aldrin	0.0213	ug/L	U			3.5	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	319-84-6	alpha-BHC	0.0213	ug/L	U			18	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	5103-71-9	alpha-Chlordane	0.0267	ug/L	U			0.45	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	319-85-7	beta-BHC	0.0213	ug/L	U			0.025	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	319-86-8	delta-BHC	0.0213	ug/L	U			0.0072	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	60-57-1	Dieldrin	0.0213	ug/L	U			2.4	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	959-98-8	Endosulfan I	0.0213	ug/L	U			98	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	33213-65-9	Endosulfan II	0.0213	ug/L	U			98	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	1031-07-8	Endosulfan sulfate	0.0267	ug/L	U			98	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	72-20-8	Endrin	0.0213	ug/L	U			170	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	7421-93-4	Endrin aldehyde	0.0267	ug/L	U			170	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	53494-70-5	Endrin ketone	0.0213	ug/L	U			170	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	58-89-9	gamma-BHC (Lindane)	0.0213	ug/L	U			100	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	5103-74-2	gamma-Chlordane	0.0267	ug/L	U			0.45	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	76-44-8	Heptachlor	0.0213	ug/L	U			1.8	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	1024-57-3	Heptachlor epoxide	0.0213	ug/L	U			3.2	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	72-43-5	Methoxychlor	0.0533	ug/L	U			37	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	27304-13-8	Oxychlordane	0.0103	ug/L	UJ				
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8081B	8001-35-2	Toxaphene	1.07	ug/L	U			18	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D	1319-77-3	3 & 4-Methylphenol	0.48	ug/L	U			370	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D	91-94-1	3,3'-Dichlorobenzidine	9.6	ug/L	U			0.17	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D	100-02-7	4-Nitrophenol	4.8	ug/L	U			5800	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D	92-87-5	Benzidine	38.4	ug/L	U			17	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D	111-44-4	Bis (2-chloroethyl) ether	0.48	ug/L	U			140	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D	85-68-7	Butyl benzylphthalate	0.48	ug/L	U			16	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D	86-74-8	Carbazole	0.48	ug/L	U			7.9	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D	132-64-9	Dibenzofuran	0.288	ug/L	U			7.9	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D	84-74-2	Di-n-butylphthalate	5.76	ug/L	U			900	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D	117-84-0	Di-n-octylphthalate	4.8	ug/L	U			200	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D	118-74-1	Hexachlorobenzene	0.48	ug/L	U			1.3	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D	62-75-9	N-Nitrosodimethylamine	0.48	ug/L	U			25	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	0.96	ug/L	U			370	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D	108-95-2	Phenol	0.48	ug/L	U			5800	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D SIM	91-57-6	2-Methylnaphthalene	0.0464	ug/L	U			36	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D SIM	83-32-9	Acenaphthene	0.0464	ug/L	U			510	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D SIM	208-96-8	Acenaphthylene	0.0464	ug/L	U			20	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D SIM	120-12-7	Anthracene	0.0464	ug/L	U			1800	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D SIM	56-55-3	Benzo(a)anthracene	0.0929	ug/L	U			2300	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D SIM	50-32-8	Benzo(a)pyrene	0.0696	ug/L	U			0.025	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D SIM	205-99-2	Benzo(b)fluoranthene	0.0696	ug/L	U			0.25	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D SIM	191-24-2	Benzo(g,h,i)perylene	0.0929	ug/L	U			120	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D SIM	207-08-9	Benzo(k)fluoranthene	0.0929	ug/L	U			2.5	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D SIM	117-81-7	Bis (2-ethylhexyl) phthalate	1.16	ug/L	U			5.6	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D SIM	218-01-9	Chrysene	0.139	ug/L	U			25	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D SIM	53-70-3	Dibenzo(a,h)anthracene	0.139	ug/L	U			0.025	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D SIM	206-44-0	Fluoranthene	0.0929	ug/L	U			800	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D SIM	86-73-7	Fluorene	0.0464	ug/L	U			280	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0929	ug/L	U			0.25	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D SIM	91-20-3	Naphthalene	0.0929	ug/L	U			20	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D SIM	85-01-8	Phenanthrene	0.139	ug/L	U			1800	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	SW8270D SIM	129-00-0	Pyrene	0.0696	ug/L	U			110	
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.235208	ug/L	U				
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.9513	ug/L	U				
MW-12	723507.925	7833981.845	4/4/2022	16 - 26	WG	N	22D0247-03	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.5104	ug/L	U				
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	300.0	24959-67-9	Bromide	10	ug/L	U				
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	6010B	7440-70-2	Calcium, Dissolved	44300	ug/L					
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	6010B	7439-89-6	Iron	55.6	ug/L	U			14000	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	6010B	7439-89-6	Iron, Dissolved	12.4	ug/L	J			14000	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	6010B	7439-95-4	Magnesium, Dissolved	14000	ug/L					
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	6010B	7440-09-7	Potassium, Dissolved	1480	ug/L	J				
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	6010B	7440-23-5	Sodium, Dissolved	18400	ug/L					
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	6010B	7440-62-2	Vanadium	1	ug/L	J			86	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	6010B	7440-62-2	Vanadium, Dissolved	1.1	ug/L	J			86	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	6020	7440-38-2	Arsenic	1.86	ug/L				6300	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	6020	7440-38-2	Arsenic, Dissolved	1.79	ug/L				6300	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.045	ug/L	U			36	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	71-55-6	1,1,1-Trichloroethane	0.062	ug/L	U			53000	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.088	ug/L	U			30	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	79-00-5	1,1,2-Trichloroethane	0.094	ug/L	U			44	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	75-34-3	1,1-Dichloroethane	0.059	ug/L	U			55	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	75-35-4	1,1-Dichloroethene	0.1	ug/L	U			1300	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	563-58-6	1,1-Dichloropropene	0.062	ug/L	U			40	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	87-61-6	1,2,3-Trichlorobenzene	0.084	ug/L	U			7	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	96-18-4	1,2,3-Trichloropropane	0.24	ug/L	U			200	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	120-82-1	1,2,4-Trichlorobenzene	0.18	ug/L	U			380	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	95-63-6	1,2,4-Trimethylbenzene	0.062	ug/L	U			2400	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.072	ug/L	U			1.5	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	95-50-1	1,2-Dichlorobenzene	0.069	ug/L	U			25000	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	107-06-2	1,2-Dichloroethane	0.066	ug/L	U			18	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	78-87-5	1,2-Dichloropropane	0.062	ug/L	U			52	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	108-67-8	1,3,5-Trimethylbenzene	0.066	ug/L	U			1700	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	541-73-1	1,3-Dichlorobenzene	0.082	ug/L	U			25	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	142-28-9	1,3-Dichloropropane	0.057	ug/L	U			370	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	106-46-7	1,4-Dichlorobenzene	0.084	ug/L	U			25	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	594-20-7	2,2-Dichloropropane	0.083	ug/L	U			52	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	95-49-8	2-Chlorotoluene	0.079	ug/L	U			240	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	591-78-6	2-Hexanone	2.4	ug/L	U			72000	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	106-43-4	4-Chlorotoluene	0.057	ug/L	U			250	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	67-64-1	Acetone	3	ug/L	U			18000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	71-43-2	Benzene	0.062	ug/L	U			12	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	108-86-1	Bromobenzene	0.066	ug/L	U			6300	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	74-97-5	Bromochloromethane	0.099	ug/L	U			450	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	75-27-4	Bromodichloromethane	0.055	ug/L	U			6.9	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	75-25-2	Bromoform	0.099	ug/L	U			1100	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	74-83-9	Bromomethane	0.12	ug/L	U			110	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	75-15-0	Carbon disulfide	0.17	ug/L	J			8200	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	56-23-5	Carbon tetrachloride	0.048	ug/L	U			3.1	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	108-90-7	Chlorobenzene	0.064	ug/L	U			3400	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	75-00-3	Chloroethane	0.13	ug/L	U			57000	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	74-87-3	Chloromethane	0.11	ug/L	U			1500	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	156-59-2	cis-1,2-Dichloroethene	2	ug/L				1800	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	10061-01-5	cis-1,3-Dichloropropene	0.055	ug/L	U			40	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	124-48-1	Dibromochloromethane	0.072	ug/L	U			610	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	74-95-3	Dibromomethane	0.12	ug/L	U			950	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	75-71-8	Dichlorodifluoromethane	0.075	ug/L	U			41	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	100-41-4	Ethylbenzene	0.068	ug/L	U			31	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	87-68-3	Hexachlorobutadiene	0.15	ug/L	U			3.3	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	98-82-8	Isopropylbenzene	0.076	ug/L	U			9100	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	179601-23-1	m,p-Xylene	0.11	ug/L	U			3000	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	78-93-3	MEK (2-Butanone)	2.3	ug/L	U			17000000	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	75-09-2	Methylene chloride	0.084	ug/L	U			15000	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	1.4	ug/L	U			4600000	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	91-20-3	Naphthalene	0.096	ug/L	U			20	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	104-51-8	n-Butylbenzene	0.085	ug/L	U			1000	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	103-65-1	n-Propylbenzene	0.0059	ug/L	U			22000	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	95-47-6	o-Xylene	0.068	ug/L	U			4300	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	99-87-6	p-Cymene	0.07	ug/L	U			9100	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	135-98-8	sec-Butylbenzene	0.071	ug/L	U			2000	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	100-42-5	Styrene	0.077	ug/L	U			84000	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	98-06-6	tert-Butylbenzene	0.059	ug/L	U			690	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	127-18-4	Tetrachloroethene	0.36	ug/L	J			130	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	108-88-3	Toluene	0.26	ug/L	J			150000	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	156-60-5	trans-1,2-Dichloroethene	0.069	ug/L	U			457	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	10061-02-6	trans-1,3-Dichloropropene	0.075	ug/L	U			21	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	79-01-6	Trichloroethene	1.9	ug/L				7.4	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	75-69-4	Trichlorofluoromethane	0.099	ug/L	U			160000	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	108-05-4	Vinyl acetate	0.91	ug/L	U			80000	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8270C	205-99-2	Benzo(b)fluoranthene	0.02	ug/L	U			0.25	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8270C	207-08-9	Benzo(k)fluoranthene	0.027	ug/L	U			2.5	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	8270C	85-01-8	Phenanthrene	0.084	ug/L	J			1800	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	Krone	78763-54-9	Monobutyltin	0.014	ug/L	J			3.7	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	NWTPH-Dx	TPH-D	Diesel Range Organics	12	ug/L	U			100	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	NWTPH-Dx	MOIL	Residual Range Organics	20	ug/L	U			300	
MW-13	723520.741	7834141.95	4/14/2008	26 - 36	WG	N	080414MW13GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	15	ug/L	J			14000	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	FD	080714MW23GW	6010B	7439-89-6	Iron	224	ug/L				14000	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	FD	080714MW23GW	6010B	7439-89-6	Iron, Dissolved	203	ug/L				14000	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	FD	080714MW23GW	6020	7440-38-2	Arsenic	0.75	ug/L				6300	

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	FD	080714MW23GW	6020	7440-38-2	Arsenic, Dissolved	0.84	ug/L				6300	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	FD	080714MW23GW	6020	7440-62-2	Vanadium	0.13	ug/L	U			86	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	FD	080714MW23GW	6020	7440-62-2	Vanadium, Dissolved	0.14	ug/L	U			86	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	FD	080714MW23GW	8260B	594-20-7	2,2-Dichloropropane	0.5	ug/L	U			52	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	FD	080714MW23GW	8260B	67-66-3	Chloroform	0.5	ug/L	U			5.9	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	FD	080714MW23GW	8260B	156-59-2	cis-1,2-Dichloroethene	2.1	ug/L				1800	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	FD	080714MW23GW	8260B	127-18-4	Tetrachloroethene	0.45	ug/L	J			130	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	FD	080714MW23GW	8260B	79-01-6	Trichloroethene	2.9	ug/L				7.4	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	FD	080714MW23GW	8260B	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	FD	080714MW23GW	8270C	205-99-2	Benzo(b)fluoranthene	0.2	ug/L	U			0.25	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	FD	080714MW23GW	8270C	207-08-9	Benzo(k)fluoranthene	0.2	ug/L	U			2.5	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	FD	080714MW23GW	8270C	85-01-8	Phenanthrene	0.2	ug/L	U			1800	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	FD	080714MW23GW	Krone	78763-54-9	Monobutyltin	0.087	ug/L	U			3.7	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	FD	080714MW23GW	NWTPH-Dx	TPH-D	Diesel Range Organics	18	ug/L	U			100	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	FD	080714MW23GW	NWTPH-Dx	MOIL	Residual Range Organics	53	ug/L	U			300	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	FD	080714MW23GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	14	ug/L	J			14000	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	N	080714MW13GW	6010B	7439-89-6	Iron	219	ug/L				14000	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	N	080714MW13GW	6010B	7439-89-6	Iron, Dissolved	201	ug/L				14000	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	N	080714MW13GW	6020	7440-38-2	Arsenic	0.82	ug/L				6300	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	N	080714MW13GW	6020	7440-38-2	Arsenic, Dissolved	0.72	ug/L				6300	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	N	080714MW13GW	6020	7440-62-2	Vanadium	0.2	ug/L	U			86	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	N	080714MW13GW	6020	7440-62-2	Vanadium, Dissolved	0.2	ug/L	U			86	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	N	080714MW13GW	8260B	594-20-7	2,2-Dichloropropane	0.083	ug/L	U			52	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	N	080714MW13GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	N	080714MW13GW	8260B	156-59-2	cis-1,2-Dichloroethene	2.1	ug/L				1800	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	N	080714MW13GW	8260B	127-18-4	Tetrachloroethene	0.49	ug/L	J			130	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	N	080714MW13GW	8260B	79-01-6	Trichloroethene	3	ug/L				7.4	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	N	080714MW13GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	N	080714MW13GW	8270C	205-99-2	Benzo(b)fluoranthene	0.017	ug/L	U			0.25	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	N	080714MW13GW	8270C	207-08-9	Benzo(k)fluoranthene	0.024	ug/L	U			2.5	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	N	080714MW13GW	8270C	85-01-8	Phenanthrene	0.022	ug/L	U			1800	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	N	080714MW13GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	N	080714MW13GW	NWTPH-Dx	TPH-D	Diesel Range Organics	100	ug/L	U			100	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	N	080714MW13GW	NWTPH-Dx	MOIL	Residual Range Organics	100	ug/L	U			300	
MW-13	723520.741	7834141.95	7/14/2008	26 - 36	WG	N	080714MW13GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	33	ug/L	J			14000	
MW-13	723520.741	7834141.95	10/20/2008	26 - 36	WG	N	081020MW13GW	6010B	7439-89-6	Iron	312	ug/L				14000	
MW-13	723520.741	7834141.95	10/20/2008	26 - 36	WG	N	081020MW13GW	6010B	7439-89-6	Iron, Dissolved	270	ug/L				14000	
MW-13	723520.741	7834141.95	10/20/2008	26 - 36	WG	N	081020MW13GW	6020	7440-38-2	Arsenic	0.86	ug/L				6300	
MW-13	723520.741	7834141.95	10/20/2008	26 - 36	WG	N	081020MW13GW	6020	7440-38-2	Arsenic, Dissolved	0.9	ug/L				6300	
MW-13	723520.741	7834141.95	10/20/2008	26 - 36	WG	N	081020MW13GW	6020	7440-62-2	Vanadium	0.07	ug/L	U			86	
MW-13	723520.741	7834141.95	10/20/2008	26 - 36	WG	N	081020MW13GW	6020	7440-62-2	Vanadium, Dissolved	0.07	ug/L	U			86	
MW-13	723520.741	7834141.95	10/20/2008	26 - 36	WG	N	081020MW13GW	8260B	594-20-7	2,2-Dichloropropane	0.083	ug/L	U			52	
MW-13	723520.741	7834141.95	10/20/2008	26 - 36	WG	N	081020MW13GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-13	723520.741	7834141.95	10/20/2008	26 - 36	WG	N	081020MW13GW	8260B	156-59-2	cis-1,2-Dichloroethene	2.5	ug/L				1800	
MW-13	723520.741	7834141.95	10/20/2008	26 - 36	WG	N	081020MW13GW	8260B	127-18-4	Tetrachloroethene	0.66	ug/L				130	
MW-13	723520.741	7834141.95	10/20/2008	26 - 36	WG	N	081020MW13GW	8260B	79-01-6	Trichloroethene	3.4	ug/L				7.4	
MW-13	723520.741	7834141.95	10/20/2008	26 - 36	WG	N	081020MW13GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-13	723520.741	7834141.95	10/20/2008	26 - 36	WG	N	081020MW13GW	8270C	205-99-2	Benzo(b)fluoranthene	0.017	ug/L	U			0.25	
MW-13	723520.741	7834141.95	10/20/2008	26 - 36	WG	N	081020MW13GW	8270C	207-08-9	Benzo(k)fluoranthene	0.024	ug/L	U			2.5	
MW-13	723520.741	7834141.95	10/20/2008	26 - 36	WG	N	081020MW13GW	8270C	85-01-8	Phenanthrene	0.022	ug/L	U			1800	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-13	723520.741	7834141.95	10/20/2008	26 - 36	WG	N	081020MW13GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-13	723520.741	7834141.95	10/20/2008	26 - 36	WG	N	081020MW13GW	NWTPH-Dx	TPH-D	Diesel Range Organics	12	ug/L	U			100	
MW-13	723520.741	7834141.95	10/20/2008	26 - 36	WG	N	081020MW13GW	NWTPH-Dx	MOIL	Residual Range Organics	21	ug/L	U			300	
MW-13	723520.741	7834141.95	10/20/2008	26 - 36	WG	N	081020MW13GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-13	723520.741	7834141.95	1/12/2009	26 - 36	WG	N	090112MW13GW	6010B	7439-89-6	Iron	265	ug/L				14000	
MW-13	723520.741	7834141.95	1/12/2009	26 - 36	WG	N	090112MW13GW	6010B	7439-89-6	Iron, Dissolved	202	ug/L				14000	
MW-13	723520.741	7834141.95	1/12/2009	26 - 36	WG	N	090112MW13GW	6020	7440-38-2	Arsenic	1	ug/L				6300	
MW-13	723520.741	7834141.95	1/12/2009	26 - 36	WG	N	090112MW13GW	6020	7440-38-2	Arsenic, Dissolved	0.9	ug/L				6300	
MW-13	723520.741	7834141.95	1/12/2009	26 - 36	WG	N	090112MW13GW	6020	7440-62-2	Vanadium	0.13	ug/L	J			86	
MW-13	723520.741	7834141.95	1/12/2009	26 - 36	WG	N	090112MW13GW	6020	7440-62-2	Vanadium, Dissolved	0.07	ug/L	U			86	
MW-13	723520.741	7834141.95	1/12/2009	26 - 36	WG	N	090112MW13GW	8260B	594-20-7	2,2-Dichloropropane	0.083	ug/L	U			52	
MW-13	723520.741	7834141.95	1/12/2009	26 - 36	WG	N	090112MW13GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-13	723520.741	7834141.95	1/12/2009	26 - 36	WG	N	090112MW13GW	8260B	156-59-2	cis-1,2-Dichloroethene	2.4	ug/L				1800	
MW-13	723520.741	7834141.95	1/12/2009	26 - 36	WG	N	090112MW13GW	8260B	127-18-4	Tetrachloroethene	0.71	ug/L				130	
MW-13	723520.741	7834141.95	1/12/2009	26 - 36	WG	N	090112MW13GW	8260B	79-01-6	Trichloroethene	3.1	ug/L				7.4	
MW-13	723520.741	7834141.95	1/12/2009	26 - 36	WG	N	090112MW13GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-13	723520.741	7834141.95	1/12/2009	26 - 36	WG	N	090112MW13GW	8270C	205-99-2	Benzo(b)fluoranthene	0.019	ug/L	U			0.25	
MW-13	723520.741	7834141.95	1/12/2009	26 - 36	WG	N	090112MW13GW	8270C	207-08-9	Benzo(k)fluoranthene	0.026	ug/L	U			2.5	
MW-13	723520.741	7834141.95	1/12/2009	26 - 36	WG	N	090112MW13GW	8270C	85-01-8	Phenanthrene	0.024	ug/L	U			1800	
MW-13	723520.741	7834141.95	1/12/2009	26 - 36	WG	N	090112MW13GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-13	723520.741	7834141.95	1/12/2009	26 - 36	WG	N	090112MW13GW	NWTPH-Dx	TPH-D	Diesel Range Organics	120	ug/L	U			100	
MW-13	723520.741	7834141.95	1/12/2009	26 - 36	WG	N	090112MW13GW	NWTPH-Dx	MOIL	Residual Range Organics	120	ug/L	U			300	
MW-13	723520.741	7834141.95	1/12/2009	26 - 36	WG	N	090112MW13GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.003974	ug/L				1.3	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	2051-60-7	PCB-1	0.00011	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	33146-45-1	PCB-10	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	60145-21-3	PCB-103	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	56558-16-8	PCB-104	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	32598-14-4	PCB-105	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	70424-69-0	PCB-106	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	70424-68-9	PCB-107	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-108/124	PCB-108/124	0.000078	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	2050-67-1	PCB-11	0.00027	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-110/115	PCB-110/115	0.00014	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	39635-32-0	PCB-111	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	74472-36-9	PCB-112	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	74472-37-0	PCB-114	0.000039	ug/L	U			2.9	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	31508-00-6	PCB-118	0.000018	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-12/13	PCB-12/13	0.000049	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	68194-12-7	PCB-120	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	56558-18-0	PCB-121	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	76842-07-4	PCB-122	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	65510-44-3	PCB-123	0.000039	ug/L	U			1.4	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	57465-28-8	PCB-126	0.000039	ug/L	U			0.00042	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	39635-33-1	PCB-127	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-128/166	PCB-128/166	0.000078	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-129/138/163	PCB-129/138/163	0.00012	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	52663-66-8	PCB-130	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	61798-70-7	PCB-131	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	38380-05-1	PCB-132	0.000049	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	35694-04-3	PCB-133	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	52704-70-8	PCB-134	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-135/151	PCB-135/151	0.000065	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	38411-22-2	PCB-136	0.000017	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	35694-06-5	PCB-137	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-139/140	PCB-139/140	0.000078	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	34883-41-5	PCB-14	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	52712-04-6	PCB-141	0.00004	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	41411-61-4	PCB-142	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	68194-15-0	PCB-143	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	68194-14-9	PCB-144	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	74472-40-5	PCB-145	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	51908-16-8	PCB-146	0.000018	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-147/149	PCB-147/149	0.00015	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	74472-41-6	PCB-148	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	2050-68-2	PCB-15	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	68194-08-1	PCB-150	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	68194-09-2	PCB-152	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-153/168	PCB-153/168	0.00013	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	60145-22-4	PCB-154	0.000098	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	33979-03-2	PCB-155	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-156/157	PCB-156/157	0.000078	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	74472-42-7	PCB-158	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	39635-35-3	PCB-159	0.000049	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	38444-78-9	PCB-16	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	41411-62-5	PCB-160	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	74472-43-8	PCB-161	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	39635-34-2	PCB-162	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	74472-45-0	PCB-164	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	74472-46-1	PCB-165	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	52663-72-6	PCB-167	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	32774-16-6	PCB-169	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	37680-66-3	PCB-17	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	35065-30-6	PCB-170	0.000035	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-171/173	PCB-171/173	0.000078	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	52663-74-8	PCB-172	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	38411-25-5	PCB-174	0.000052	ug/L	J				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	40186-70-7	PCB-175	0.000049	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	52663-65-7	PCB-176	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	52663-70-4	PCB-177	0.000027	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	52663-67-9	PCB-178	0.000059	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	52663-64-6	PCB-179	0.000025	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-18/30	PCB-18/30	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-180/193	PCB-180/193	0.000087	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	74472-47-2	PCB-181	0.000049	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	60145-23-5	PCB-182	0.000049	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-183/185	PCB-183/185	0.00012	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	74472-48-3	PCB-184	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	74472-49-4	PCB-186	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	52663-68-0	PCB-187	0.000065	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	74487-85-7	PCB-188	0.00018	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	39635-31-9	PCB-189	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	38444-73-4	PCB-19	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	41411-64-7	PCB-190	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	74472-50-7	PCB-191	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	74472-51-8	PCB-192	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	35694-08-7	PCB-194	0.000059	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	52663-78-2	PCB-195	0.000059	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	42740-50-1	PCB-196	0.000059	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-197/200	PCB-197/200	0.00016	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-198/199	PCB-198/199	0.00012	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	2051-61-8	PCB-2	0.00015	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-20/28	PCB-20/28	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	40186-71-8	PCB-201	0.0002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	2136-99-4	PCB-202	0.000059	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	52663-76-0	PCB-203	0.000059	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	74472-52-9	PCB-204	0.000059	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	74472-53-0	PCB-205	0.000059	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	40186-72-9	PCB-206	0.000059	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	52663-79-3	PCB-207	0.000059	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	52663-77-1	PCB-208	0.000059	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	2051-24-3	PCB-209	0.00073	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-21/33	PCB-21/33	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	38444-85-8	PCB-22	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	55720-44-0	PCB-23	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	55702-45-9	PCB-24	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	55712-37-3	PCB-25	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-26/29	PCB-26/29	0.000059	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	38444-76-7	PCB-27	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	2051-62-9	PCB-3	0.000098	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	16606-02-3	PCB-31	0.000029	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	38444-77-8	PCB-32	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	37680-68-5	PCB-34	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	37680-69-6	PCB-35	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	38444-87-0	PCB-36	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	38444-90-5	PCB-37	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	53555-66-1	PCB-38	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	38444-88-1	PCB-39	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	13029-08-8	PCB-4	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-40/71	PCB-40/71	0.000078	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	52663-59-9	PCB-41	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	36559-22-5	PCB-42	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	70362-46-8	PCB-43	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-44/47/65	PCB-44/47/65	0.00012	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	70362-45-7	PCB-45	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	41464-47-5	PCB-46	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	70362-47-9	PCB-48	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-49/69	PCB-49/69	0.000078	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	16605-91-7	PCB-5	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-50/53	PCB-50/53	0.0002	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	68194-04-7	PCB-51	0.000069	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	35693-99-3	PCB-52	0.000049	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	15968-05-5	PCB-54	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	74338-24-2	PCB-55	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	41464-43-1	PCB-56	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	70424-67-8	PCB-57	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	41464-49-7	PCB-58	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-59/62/75	PCB-59/62/75	0.000098	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	25569-80-6	PCB-6	0.000029	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	33025-41-1	PCB-60	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-61/70/74/76	PCB-61/70/74/76	0.00016	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	74472-34-7	PCB-63	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	52663-58-8	PCB-64	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	32598-10-0	PCB-66	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	73575-53-8	PCB-67	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	73575-52-7	PCB-68	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	33284-50-3	PCB-7	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	41464-42-0	PCB-72	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	74338-23-1	PCB-73	0.000049	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	32598-13-3	PCB-77	0.000039	ug/L	U			0.006	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	70362-49-1	PCB-78	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	41464-48-6	PCB-79	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	34883-43-7	PCB-8	0.000029	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	33284-52-5	PCB-80	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	70362-50-4	PCB-81	0.000039	ug/L	U			0.12	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	52663-62-4	PCB-82	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	60145-20-2	PCB-83	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	52663-60-2	PCB-84	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-85/116/117	PCB-85/116/117	0.0002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	36/87/97/109/119	PCB-86/87/97/109/119/125	0.00025	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	55215-17-3	PCB-88	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	73575-57-2	PCB-89	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	34883-39-1	PCB-9	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-90/101/113	PCB-90/101/113	0.000048	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	68194-05-8	PCB-91	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	52663-61-3	PCB-92	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-93/100	PCB-93/100	0.000078	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	73575-55-0	PCB-94	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	38379-99-6	PCB-95	0.000028	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	73575-54-9	PCB-96	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	PCB-98/102	PCB-98/102	0.000098	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	38380-01-7	PCB-99	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	1336-36-3	Polychlorinated biphenyls (PCBs)	0.00097	ug/L	J			7.2	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	25512-42-9	Total Dichlorobiphenyl	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	28655-71-2	Total Heptachlorobiphenyl	0.00029	ug/L	J				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	26601-64-9	Total Hexachlorobiphenyl	0.00059	ug/L	J				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	27323-18-8	Total Monochlorobiphenyl	0.000098	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	53742-07-7	Total Nonachlorobiphenyl	0.000059	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	55722-26-4	Total Octachlorobiphenyl	0.000059	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	25429-29-2	Total Pentachlorobiphenyl	0.000094	ug/L	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	26914-33-0	Total Tetrachlorobiphenyl	0.000039	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	1668C	25323-68-6	Total Trichlorobiphenyl	0.00002	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	NWTPH-DX	TPH-D	Diesel Range Organics	96	ug/L	U			100	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	NWTPH-DX	MOIL	Residual Range Organics	290	ug/L	U			300	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	NWTPH-GX	TPH-G	Gasoline Range Organics	40	ug/L	U			14000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	ORGANOTINS	1002-53-5	Dibutyltin	0.15	ug/L	U			6	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	ORGANOTINS	78763-54-9	Monobutyltin	0.12	ug/L	U			3.7	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	ORGANOTINS	1461-25-2	Tetrabutyltin	0.19	ug/L	U			3.7	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	MW-13-GW	ORGANOTINS	688-73-3	Tributyltin	0.17	ug/L	U			3.7	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7429-90-5	Aluminum	2310	ug/L				20000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7429-90-5	Aluminum, Dissolved	50	ug/L	U			20000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-36-0	Antimony	4.59	ug/L	U			7.8	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-36-0	Antimony, Dissolved	4.86	ug/L	U			7.8	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-38-2	Arsenic	4.56	ug/L	U			6300	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-38-2	Arsenic, Dissolved	3.52	ug/L	J			6300	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-39-3	Barium	9.88	ug/L	J			4000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-39-3	Barium, Dissolved	3.99	ug/L	J			4000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-41-7	Beryllium	2	ug/L	U			270000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-41-7	Beryllium, Dissolved	2	ug/L	U			270000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-69-9	Bismuth	110	ug/L					
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-69-9	Bismuth, Dissolved	105	ug/L					
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-43-9	Cadmium	2	ug/L	U			130000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-43-9	Cadmium, Dissolved	2	ug/L	U			130000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-70-2	Calcium	46000	ug/L					
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-70-2	Calcium, Dissolved	43300	ug/L					
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-47-3	Chromium	4.18	ug/L	J			30000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-47-3	Chromium, Dissolved	10	ug/L	U			30000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-48-4	Cobalt	10	ug/L	U			6	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-48-4	Cobalt, Dissolved	10	ug/L	U			6	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-50-8	Copper	5.74	ug/L	J			5400000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-50-8	Copper, Dissolved	10	ug/L	U			5400000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-69-9	Germanium	112	ug/L					
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-69-9	Germanium, Dissolved	117	ug/L					
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-74-6	Indium	107	ug/L					
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-74-6	Indium, Dissolved	103	ug/L					
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7439-89-6	Iron	5830	ug/L				14000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7439-89-6	Iron, Dissolved	100	ug/L	U			14000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7439-92-1	Lead	5	ug/L	U			15	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7439-92-1	Lead, Dissolved	5	ug/L	U			15	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7439-93-2	Lithium	133	ug/L					
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7439-93-2	Lithium, Dissolved	125	ug/L					
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7439-95-4	Magnesium	23900	ug/L					
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7439-95-4	Magnesium, Dissolved	20600	ug/L					
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7439-96-5	Manganese	721	ug/L				3200000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7439-96-5	Manganese, Dissolved	386	ug/L				3200000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-02-0	Nickel	3.94	ug/L	J			400	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-02-0	Nickel, Dissolved	10	ug/L	U			400	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-09-7	Potassium	1300	ug/L					
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-09-7	Potassium, Dissolved	1180	ug/L					
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-20-2	Scandium	114	ug/L					

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-20-2	Scandium, Dissolved	121	ug/L					
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7782-49-2	Selenium	10	ug/L	U			100	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7782-49-2	Selenium, Dissolved	10	ug/L	U			100	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-22-4	Silver	1	ug/L	U			1100000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-22-4	Silver, Dissolved	1	ug/L	U			1100000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-23-5	Sodium	20000	ug/L					
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-23-5	Sodium, Dissolved	15400	ug/L					
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	15492-51-0	Terbium	111	ug/L					
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	15492-51-0	Terbium, Dissolved	106	ug/L					
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-28-0	Thallium	1	ug/L	U			0.2	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-28-0	Thallium, Dissolved	0.627	ug/L	U			0.2	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-62-2	Vanadium	5	ug/L				86	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-62-2	Vanadium, Dissolved	1.78	ug/L	J			86	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-65-5	Yttrium	112	ug/L					
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-65-5	Yttrium, Dissolved	113	ug/L					
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-66-6	Zinc	10.8	ug/L	J			6000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW6020B	7440-66-6	Zinc, Dissolved	20	ug/L	U			6000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW7470A	7439-97-6	Mercury	0.25	ug/L	U			11	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	630-20-6	1,1,1,2-Tetrachloroethane	0.2	ug/L	U			36	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	79-34-5	1,1,2,2-Tetrachloroethane	0.2	ug/L	U			30	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	79-00-5	1,1,2-Trichloroethane	0.2	ug/L	U			44	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	75-34-3	1,1-Dichloroethane	0.2	ug/L	U			55	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	96-18-4	1,2,3-Trichloropropane	0.2	ug/L	U			200	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	95-63-6	1,2,4-Trimethylbenzene	0.2	ug/L	U			2400	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	106-93-4	1,2-Dibromoethane (EDB)	0.2	ug/L	U			1.5	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	107-06-2	1,2-Dichloroethane	0.3	ug/L	U			18	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	78-87-5	1,2-Dichloropropane	0.3	ug/L	U			52	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	106-46-7	1,4-Dichlorobenzene	0.2	ug/L	U			25	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	594-20-7	2,2-Dichloropropane	0.2	ug/L	U			52	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	71-43-2	Benzene	0.2	ug/L	U			12	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	74-97-5	Bromochloromethane	0.2	ug/L	U			450	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	75-27-4	Bromodichloromethane	0.2	ug/L	U			6.9	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	56-23-5	Carbon tetrachloride	0.2	ug/L	U			3.1	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	67-66-3	Chloroform	0.3	ug/L	U			5.9	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	156-59-2	cis-1,2-Dichloroethene	1.87	ug/L				1800	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	10061-01-5	cis-1,3-Dichloropropene	0.2	ug/L	U			40	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	124-48-1	Dibromochloromethane	0.2	ug/L	U			610	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	74-95-3	Dibromomethane	0.2	ug/L	U			950	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	87-68-3	Hexachlorobutadiene	0.2	ug/L	U			3.3	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	98-82-8	Isopropylbenzene	0.2	ug/L	U			9100	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	103-65-1	n-Propylbenzene	0.2	ug/L	U			22000	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	127-18-4	Tetrachloroethene	0.5	ug/L	U			130	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	10061-02-6	trans-1,3-Dichloropropene	0.2	ug/L	U			21	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	79-01-6	Trichloroethene	1.53	ug/L				7.4	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8260B/D	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8270D SIM	91-57-6	2-Methylnaphthalene	0.0404	ug/L	U			36	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8270D SIM	83-32-9	Acenaphthene	0.0404	ug/L	U			510	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8270D SIM	208-96-8	Acenaphthylene	0.0404	ug/L	U			20	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8270D SIM	120-12-7	Anthracene	0.0404	ug/L	U			1800	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8270D SIM	56-55-3	Benzo(a)anthracene	0.0809	ug/L	U			2300	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8270D SIM	50-32-8	Benzo(a)pyrene	0.0606	ug/L	U			0.025	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8270D SIM	205-99-2	Benzo(b)fluoranthene	0.0606	ug/L	U			0.25	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8270D SIM	191-24-2	Benzo(g,h,i)perylene	0.0809	ug/L	U			120	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8270D SIM	207-08-9	Benzo(k)fluoranthene	0.0809	ug/L	U			2.5	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8270D SIM	117-81-7	Bis (2-ethylhexyl) phthalate	1.01	ug/L	U			5.6	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8270D SIM	218-01-9	Chrysene	0.121	ug/L	U			25	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8270D SIM	53-70-3	Dibenzo(a,h)anthracene	0.121	ug/L	U			0.025	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8270D SIM	206-44-0	Fluoranthene	0.0809	ug/L	U			800	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8270D SIM	86-73-7	Fluorene	0.0404	ug/L	U			280	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8270D SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0809	ug/L	U			0.25	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8270D SIM	91-20-3	Naphthalene	0.0809	ug/L	U			20	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8270D SIM	85-01-8	Phenanthrene	0.121	ug/L	U			1800	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	SW8270D SIM	129-00-0	Pyrene	0.0606	ug/L	U			110	
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.20477	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.8283	ug/L	U				
MW-13	723520.741	7834141.95	3/10/2022	26 - 36	WG	N	22C0570-04	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.4444	ug/L	U				
MW-13	723520.741	7834141.95	4/4/2022	26 - 36	WG	N	22D0247-04	SW8270D	1319-77-3	3 & 4-Methylphenol	0.517	ug/L	U			370	
MW-13	723520.741	7834141.95	4/4/2022	26 - 36	WG	N	22D0247-04	SW8270D	91-94-1	3,3'-Dichlorobenzidine	10.3	ug/L	U			0.17	
MW-13	723520.741	7834141.95	4/4/2022	26 - 36	WG	N	22D0247-04	SW8270D	100-02-7	4-Nitrophenol	5.17	ug/L	U			5800	
MW-13	723520.741	7834141.95	4/4/2022	26 - 36	WG	N	22D0247-04	SW8270D	92-87-5	Benzidine	41.4	ug/L	U			17	
MW-13	723520.741	7834141.95	4/4/2022	26 - 36	WG	N	22D0247-04	SW8270D	111-44-4	Bis (2-chloroethyl) ether	0.517	ug/L	U			140	
MW-13	723520.741	7834141.95	4/4/2022	26 - 36	WG	N	22D0247-04	SW8270D	85-68-7	Butyl benzylphthalate	0.517	ug/L	U			16	
MW-13	723520.741	7834141.95	4/4/2022	26 - 36	WG	N	22D0247-04	SW8270D	86-74-8	Carbazole	0.517	ug/L	U			7.9	
MW-13	723520.741	7834141.95	4/4/2022	26 - 36	WG	N	22D0247-04	SW8270D	132-64-9	Dibenzofuran	0.31	ug/L	U			7.9	
MW-13	723520.741	7834141.95	4/4/2022	26 - 36	WG	N	22D0247-04	SW8270D	84-74-2	Di-n-butylphthalate	6.2	ug/L	U			900	
MW-13	723520.741	7834141.95	4/4/2022	26 - 36	WG	N	22D0247-04	SW8270D	117-84-0	Di-n-octylphthalate	5.17	ug/L	U			200	
MW-13	723520.741	7834141.95	4/4/2022	26 - 36	WG	N	22D0247-04	SW8270D	118-74-1	Hexachlorobenzene	0.517	ug/L	U			1.3	
MW-13	723520.741	7834141.95	4/4/2022	26 - 36	WG	N	22D0247-04	SW8270D	62-75-9	N-Nitrosodimethylamine	0.517	ug/L	U			25	
MW-13	723520.741	7834141.95	4/4/2022	26 - 36	WG	N	22D0247-04	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	1.03	ug/L	U			370	
MW-13	723520.741	7834141.95	4/4/2022	26 - 36	WG	N	22D0247-04	SW8270D	108-95-2	Phenol	0.517	ug/L	U			5800	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	300.0	24959-67-9	Bromide	10	ug/L	U				
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	6010B	7440-70-2	Calcium, Dissolved	22700	ug/L					
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	6010B	7439-89-6	Iron	188	ug/L				14000	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	6010B	7439-89-6	Iron, Dissolved	4	ug/L	U			14000	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	6010B	7439-95-4	Magnesium, Dissolved	6140	ug/L					
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	6010B	7440-09-7	Potassium, Dissolved	1170	ug/L	J				
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	6010B	7440-23-5	Sodium, Dissolved	6860	ug/L					
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	6010B	7440-62-2	Vanadium	1.8	ug/L	J			86	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	6010B	7440-62-2	Vanadium, Dissolved	1.1	ug/L	J			86	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	6020	7440-38-2	Arsenic	0.79	ug/L				6300	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	6020	7440-38-2	Arsenic, Dissolved	0.84	ug/L				6300	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.045	ug/L	U			36	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	71-55-6	1,1,1-Trichloroethane	0.22	ug/L	J			53000	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.088	ug/L	U			30	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	79-00-5	1,1,2-Trichloroethane	0.094	ug/L	U			44	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	75-34-3	1,1-Dichloroethane	0.32	ug/L	J			55	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	75-35-4	1,1-Dichloroethene	0.1	ug/L	U			1300	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	563-58-6	1,1-Dichloropropene	0.062	ug/L	U			40	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	87-61-6	1,2,3-Trichlorobenzene	0.084	ug/L	U			7	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	96-18-4	1,2,3-Trichloropropane	0.24	ug/L	U			200	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	120-82-1	1,2,4-Trichlorobenzene	0.18	ug/L	U			380	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	95-63-6	1,2,4-Trimethylbenzene	0.062	ug/L	U			2400	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.072	ug/L	U			1.5	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	95-50-1	1,2-Dichlorobenzene	0.069	ug/L	U			25000	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	107-06-2	1,2-Dichloroethane	0.066	ug/L	U			18	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	78-87-5	1,2-Dichloropropane	0.062	ug/L	U			52	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	108-67-8	1,3,5-Trimethylbenzene	0.066	ug/L	U			1700	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	541-73-1	1,3-Dichlorobenzene	0.082	ug/L	U			25	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	142-28-9	1,3-Dichloropropane	0.057	ug/L	U			370	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	106-46-7	1,4-Dichlorobenzene	0.084	ug/L	U			25	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	594-20-7	2,2-Dichloropropane	0.083	ug/L	U			52	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	95-49-8	2-Chlorotoluene	0.079	ug/L	U			240	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	591-78-6	2-Hexanone	2.4	ug/L	U			72000	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	106-43-4	4-Chlorotoluene	0.057	ug/L	U			250	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	67-64-1	Acetone	3	ug/L	U			18000	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	71-43-2	Benzene	0.062	ug/L	U			12	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	108-86-1	Bromobenzene	0.066	ug/L	U			6300	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	74-97-5	Bromochloromethane	0.099	ug/L	U			450	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	75-27-4	Bromodichloromethane	0.055	ug/L	U			6.9	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	75-25-2	Bromoform	0.099	ug/L	U			1100	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	74-83-9	Bromomethane	0.12	ug/L	U			110	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	75-15-0	Carbon disulfide	0.12	ug/L	J			8200	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	56-23-5	Carbon tetrachloride	0.048	ug/L	U			3.1	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	108-90-7	Chlorobenzene	0.064	ug/L	U			3400	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	75-00-3	Chloroethane	0.13	ug/L	U			57000	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	74-87-3	Chloromethane	0.11	ug/L	U			1500	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	156-59-2	cis-1,2-Dichloroethene	46	ug/L				1800	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	10061-01-5	cis-1,3-Dichloropropene	0.055	ug/L	U			40	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	124-48-1	Dibromochloromethane	0.072	ug/L	U			610	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	74-95-3	Dibromomethane	0.12	ug/L	U			950	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	75-71-8	Dichlorodifluoromethane	0.075	ug/L	U			41	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	100-41-4	Ethylbenzene	0.068	ug/L	U			31	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	87-68-3	Hexachlorobutadiene	0.15	ug/L	U			3.3	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	98-82-8	Isopropylbenzene	0.076	ug/L	U			9100	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	179601-23-1	m,p-Xylene	0.11	ug/L	U			3000	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	78-93-3	MEK (2-Butanone)	2.3	ug/L	U			17000000	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	75-09-2	Methylene chloride	0.084	ug/L	U			15000	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	1.4	ug/L	U			4600000	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	91-20-3	Naphthalene	0.096	ug/L	U			20	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	104-51-8	n-Butylbenzene	0.085	ug/L	U			1000	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	103-65-1	n-Propylbenzene	0.0059	ug/L	U			22000	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	95-47-6	o-Xylene	0.068	ug/L	U			4300	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	99-87-6	p-Cymene	0.07	ug/L	U			9100	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	135-98-8	sec-Butylbenzene	0.071	ug/L	U			2000	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	100-42-5	Styrene	0.077	ug/L	U			84000	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	98-06-6	tert-Butylbenzene	0.059	ug/L	U			690	

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	127-18-4	Tetrachloroethene	1.5	ug/L				130	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	108-88-3	Toluene	0.64	ug/L				150000	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	156-60-5	trans-1,2-Dichloroethene	0.11	ug/L	J			457	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	10061-02-6	trans-1,3-Dichloropropene	0.075	ug/L	U			21	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	79-01-6	Trichloroethene	0.82	ug/L				7.4	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	75-69-4	Trichlorofluoromethane	0.099	ug/L	U			160000	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	108-05-4	Vinyl acetate	0.91	ug/L	U			80000	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8270C	205-99-2	Benzo(b)fluoranthene	0.019	ug/L	U			0.25	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8270C	207-08-9	Benzo(k)fluoranthene	0.026	ug/L	U			2.5	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	8270C	85-01-8	Phenanthrene	0.024	ug/L	U			1800	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	Krone	78763-54-9	Monobutyltin	0.011	ug/L	U			3.7	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	NWTPH-Dx	TPH-D	Diesel Range Organics	11	ug/L	U			100	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	NWTPH-Dx	MOIL	Residual Range Organics	19	ug/L	U			300	
MW-14	723615.583	7833971.959	4/14/2008	13 - 23	WG	N	080414MW14GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-14	723615.583	7833971.959	7/14/2008	13 - 23	WG	N	080714MW14GW	6010B	7439-89-6	Iron	25.7	ug/L				14000	
MW-14	723615.583	7833971.959	7/14/2008	13 - 23	WG	N	080714MW14GW	6010B	7439-89-6	Iron, Dissolved	4	ug/L	U			14000	
MW-14	723615.583	7833971.959	7/14/2008	13 - 23	WG	N	080714MW14GW	6020	7440-38-2	Arsenic	1.02	ug/L				6300	
MW-14	723615.583	7833971.959	7/14/2008	13 - 23	WG	N	080714MW14GW	6020	7440-38-2	Arsenic, Dissolved	1.01	ug/L				6300	
MW-14	723615.583	7833971.959	7/14/2008	13 - 23	WG	N	080714MW14GW	6020	7440-62-2	Vanadium	1.64	ug/L				86	
MW-14	723615.583	7833971.959	7/14/2008	13 - 23	WG	N	080714MW14GW	6020	7440-62-2	Vanadium, Dissolved	1.68	ug/L				86	
MW-14	723615.583	7833971.959	7/14/2008	13 - 23	WG	N	080714MW14GW	8260B	594-20-7	2,2-Dichloropropane	0.083	ug/L	U			52	
MW-14	723615.583	7833971.959	7/14/2008	13 - 23	WG	N	080714MW14GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-14	723615.583	7833971.959	7/14/2008	13 - 23	WG	N	080714MW14GW	8260B	156-59-2	cis-1,2-Dichloroethene	10	ug/L				1800	
MW-14	723615.583	7833971.959	7/14/2008	13 - 23	WG	N	080714MW14GW	8260B	127-18-4	Tetrachloroethene	1.1	ug/L				130	
MW-14	723615.583	7833971.959	7/14/2008	13 - 23	WG	N	080714MW14GW	8260B	79-01-6	Trichloroethene	0.61	ug/L				7.4	
MW-14	723615.583	7833971.959	7/14/2008	13 - 23	WG	N	080714MW14GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-14	723615.583	7833971.959	7/14/2008	13 - 23	WG	N	080714MW14GW	8270C	205-99-2	Benzo(b)fluoranthene	0.017	ug/L	U			0.25	
MW-14	723615.583	7833971.959	7/14/2008	13 - 23	WG	N	080714MW14GW	8270C	207-08-9	Benzo(k)fluoranthene	0.024	ug/L	U			2.5	
MW-14	723615.583	7833971.959	7/14/2008	13 - 23	WG	N	080714MW14GW	8270C	85-01-8	Phenanthrene	0.022	ug/L	U			1800	
MW-14	723615.583	7833971.959	7/14/2008	13 - 23	WG	N	080714MW14GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-14	723615.583	7833971.959	7/14/2008	13 - 23	WG	N	080714MW14GW	NWTPH-Dx	TPH-D	Diesel Range Organics	100	ug/L	U			100	
MW-14	723615.583	7833971.959	7/14/2008	13 - 23	WG	N	080714MW14GW	NWTPH-Dx	MOIL	Residual Range Organics	100	ug/L	U			300	
MW-14	723615.583	7833971.959	7/14/2008	13 - 23	WG	N	080714MW14GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-14	723615.583	7833971.959	10/21/2008	13 - 23	WG	N	081021MW14GW	6010B	7439-89-6	Iron	12.9	ug/L	J			14000	
MW-14	723615.583	7833971.959	10/21/2008	13 - 23	WG	N	081021MW14GW	6010B	7439-89-6	Iron, Dissolved	4	ug/L	U			14000	
MW-14	723615.583	7833971.959	10/21/2008	13 - 23	WG	N	081021MW14GW	6020	7440-38-2	Arsenic	1.12	ug/L				6300	
MW-14	723615.583	7833971.959	10/21/2008	13 - 23	WG	N	081021MW14GW	6020	7440-38-2	Arsenic, Dissolved	0.97	ug/L				6300	
MW-14	723615.583	7833971.959	10/21/2008	13 - 23	WG	N	081021MW14GW	6020	7440-62-2	Vanadium	2	ug/L				86	
MW-14	723615.583	7833971.959	10/21/2008	13 - 23	WG	N	081021MW14GW	6020	7440-62-2	Vanadium, Dissolved	1.98	ug/L				86	
MW-14	723615.583	7833971.959	10/21/2008	13 - 23	WG	N	081021MW14GW	8260B	594-20-7	2,2-Dichloropropane	0.083	ug/L	U			52	
MW-14	723615.583	7833971.959	10/21/2008	13 - 23	WG	N	081021MW14GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-14	723615.583	7833971.959	10/21/2008	13 - 23	WG	N	081021MW14GW	8260B	156-59-2	cis-1,2-Dichloroethene	0.62	ug/L				1800	
MW-14	723615.583	7833971.959	10/21/2008	13 - 23	WG	N	081021MW14GW	8260B	127-18-4	Tetrachloroethene	0.38	ug/L	J			130	
MW-14	723615.583	7833971.959	10/21/2008	13 - 23	WG	N	081021MW14GW	8260B	79-01-6	Trichloroethene	0.14	ug/L	J			7.4	
MW-14	723615.583	7833971.959	10/21/2008	13 - 23	WG	N	081021MW14GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-14	723615.583	7833971.959	10/21/2008	13 - 23	WG	N	081021MW14GW	8270C	205-99-2	Benzo(b)fluoranthene	0.017	ug/L	U			0.25	
MW-14	723615.583	7833971.959	10/21/2008	13 - 23	WG	N	081021MW14GW	8270C	207-08-9	Benzo(k)fluoranthene	0.024	ug/L	U			2.5	
MW-14	723615.583	7833971.959	10/21/2008	13 - 23	WG	N	081021MW14GW	8270C	85-01-8	Phenanthrene	0.022	ug/L	U			1800	
MW-14	723615.583	7833971.959	10/21/2008	13 - 23	WG	N	081021MW14GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-14	723615.583	7833971.959	10/21/2008	13 - 23	WG	N	081021MW14GW	NWTPH-Dx	TPH-D	Diesel Range Organics	12	ug/L	U			100	
MW-14	723615.583	7833971.959	10/21/2008	13 - 23	WG	N	081021MW14GW	NWTPH-Dx	MOIL	Residual Range Organics	20	ug/L	U			300	
MW-14	723615.583	7833971.959	10/21/2008	13 - 23	WG	N	081021MW14GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-14	723615.583	7833971.959	1/13/2009	13 - 23	WG	N	090113MW14GW	6010B	7439-89-6	Iron	43.2	ug/L	U			14000	
MW-14	723615.583	7833971.959	1/13/2009	13 - 23	WG	N	090113MW14GW	6010B	7439-89-6	Iron, Dissolved	20	ug/L	U			14000	
MW-14	723615.583	7833971.959	1/13/2009	13 - 23	WG	N	090113MW14GW	6020	7440-38-2	Arsenic	1	ug/L				6300	
MW-14	723615.583	7833971.959	1/13/2009	13 - 23	WG	N	090113MW14GW	6020	7440-38-2	Arsenic, Dissolved	0.9	ug/L				6300	
MW-14	723615.583	7833971.959	1/13/2009	13 - 23	WG	N	090113MW14GW	6020	7440-62-2	Vanadium	1.72	ug/L				86	
MW-14	723615.583	7833971.959	1/13/2009	13 - 23	WG	N	090113MW14GW	6020	7440-62-2	Vanadium, Dissolved	1.64	ug/L				86	
MW-14	723615.583	7833971.959	1/13/2009	13 - 23	WG	N	090113MW14GW	8260B	594-20-7	2,2-Dichloropropane	0.083	ug/L	U			52	
MW-14	723615.583	7833971.959	1/13/2009	13 - 23	WG	N	090113MW14GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-14	723615.583	7833971.959	1/13/2009	13 - 23	WG	N	090113MW14GW	8260B	156-59-2	cis-1,2-Dichloroethene	50	ug/L				1800	
MW-14	723615.583	7833971.959	1/13/2009	13 - 23	WG	N	090113MW14GW	8260B	127-18-4	Tetrachloroethene	1.8	ug/L				130	
MW-14	723615.583	7833971.959	1/13/2009	13 - 23	WG	N	090113MW14GW	8260B	79-01-6	Trichloroethene	0.89	ug/L				7.4	
MW-14	723615.583	7833971.959	1/13/2009	13 - 23	WG	N	090113MW14GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-14	723615.583	7833971.959	1/13/2009	13 - 23	WG	N	090113MW14GW	8270C	205-99-2	Benzo(b)fluoranthene	0.02	ug/L	U			0.25	
MW-14	723615.583	7833971.959	1/13/2009	13 - 23	WG	N	090113MW14GW	8270C	207-08-9	Benzo(k)fluoranthene	0.028	ug/L	U			2.5	
MW-14	723615.583	7833971.959	1/13/2009	13 - 23	WG	N	090113MW14GW	8270C	85-01-8	Phenanthrene	0.025	ug/L	U			1800	
MW-14	723615.583	7833971.959	1/13/2009	13 - 23	WG	N	090113MW14GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-14	723615.583	7833971.959	1/13/2009	13 - 23	WG	N	090113MW14GW	NWTPH-Dx	TPH-D	Diesel Range Organics	13	ug/L	U			100	
MW-14	723615.583	7833971.959	1/13/2009	13 - 23	WG	N	090113MW14GW	NWTPH-Dx	MOIL	Residual Range Organics	120	ug/L	U			300	
MW-14	723615.583	7833971.959	1/13/2009	13 - 23	WG	N	090113MW14GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.001533	ug/L				1.3	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	2051-60-7	PCB-1	0.000018	ug/L	J				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	33146-45-1	PCB-10	0.000039	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	39485-83-1	PCB-100	0.000039	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	37680-73-2	PCB-101	0.000016	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	68194-06-9	PCB-102	0.000029	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	60145-21-3	PCB-103	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	56558-16-8	PCB-104	0.000029	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	32598-14-4	PCB-105	0.0000057	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	70424-69-0	PCB-106	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	70424-68-9	PCB-107	0.000029	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	70362-41-3	PCB-108	0.0000086	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74472-35-8	PCB-109	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	2050-67-1	PCB-11	0.000039	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	38380-03-9	PCB-110	0.000017	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	39635-32-0	PCB-111	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74472-36-9	PCB-112	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	68194-10-5	PCB-113	0.000016	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74472-37-0	PCB-114	0.000019	ug/L	U			2.9	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74472-38-1	PCB-115	0.000017	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	18259-05-7	PCB-116	0.000048	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	68194-11-6	PCB-117	0.000048	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	31508-00-6	PCB-118	0.000011	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	56558-17-9	PCB-119	0.0000086	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	2974-92-7	PCB-12	0.000067	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	68194-12-7	PCB-120	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	56558-18-0	PCB-121	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	76842-07-4	PCB-122	0.000019	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	65510-44-3	PCB-123	0.000019	ug/L	U			1.4	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	70424-70-3	PCB-124	0.000029	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74472-39-2	PCB-125	0.0000086	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	57465-28-8	PCB-126	0.000019	ug/L	U			0.00042	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	39635-33-1	PCB-127	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	38380-07-3	PCB-128	0.000013	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	55215-18-4	PCB-129	0.0001	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	2974-90-5	PCB-13	0.000067	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52663-66-8	PCB-130	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	61798-70-7	PCB-131	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	38380-05-1	PCB-132	0.000014	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	35694-04-3	PCB-133	0.0000096	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52704-70-8	PCB-134	0.000029	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52744-13-5	PCB-135	0.00002	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	38411-22-2	PCB-136	0.0000046	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	35694-06-5	PCB-137	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	35065-28-2	PCB-138	0.0001	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	56030-56-9	PCB-139	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	34883-41-5	PCB-14	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	59291-64-4	PCB-140	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52712-04-6	PCB-141	0.000011	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	41411-61-4	PCB-142	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	68194-15-0	PCB-143	0.000029	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	68194-14-9	PCB-144	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74472-40-5	PCB-145	0.0000096	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	51908-16-8	PCB-146	0.00001	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	68194-13-8	PCB-147	0.000031	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74472-41-6	PCB-148	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	38380-04-0	PCB-149	0.000031	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	2050-68-2	PCB-15	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	68194-08-1	PCB-150	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52663-63-5	PCB-151	0.00002	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	68194-09-2	PCB-152	0.0000096	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	35065-27-1	PCB-153	0.000066	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	60145-22-4	PCB-154	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	33979-03-2	PCB-155	0.000029	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	38380-08-4	PCB-156	0.0000051	ug/L	U			7	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	69782-90-7	PCB-157	0.0000051	ug/L	U			1.6	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74472-42-7	PCB-158	0.0000074	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	39635-35-3	PCB-159	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	38444-78-9	PCB-16	0.000024	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	41411-62-5	PCB-160	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74472-43-8	PCB-161	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	39635-34-2	PCB-162	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74472-44-9	PCB-163	0.0001	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74472-45-0	PCB-164	0.0000098	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74472-46-1	PCB-165	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	41411-63-6	PCB-166	0.000013	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52663-72-6	PCB-167	0.0000039	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	59291-65-5	PCB-168	0.000066	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	32774-16-6	PCB-169	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	37680-66-3	PCB-17	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	35065-30-6	PCB-170	0.000067	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52663-71-5	PCB-171	0.000015	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52663-74-8	PCB-172	0.00001	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	68194-16-1	PCB-173	0.000015	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	38411-25-5	PCB-174	0.000027	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	40186-70-7	PCB-175	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52663-65-7	PCB-176	0.0000035	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52663-70-4	PCB-177	0.000025	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52663-67-9	PCB-178	0.000014	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52663-64-6	PCB-179	0.000016	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	37680-65-2	PCB-18	0.0000025	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	35065-29-3	PCB-180	0.00015	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74472-47-2	PCB-181	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	60145-23-5	PCB-182	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52663-69-1	PCB-183	0.000024	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74472-48-3	PCB-184	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52712-05-7	PCB-185	0.000029	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74472-49-4	PCB-186	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52663-68-0	PCB-187	0.000076	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74487-85-7	PCB-188	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	39635-31-9	PCB-189	0.0000025	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	38444-73-4	PCB-19	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	41411-64-7	PCB-190	0.000013	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74472-50-7	PCB-191	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74472-51-8	PCB-192	0.0000096	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	69782-91-8	PCB-193	0.00015	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	35694-08-7	PCB-194	0.00006	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52663-78-2	PCB-195	0.000031	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	42740-50-1	PCB-196	0.000015	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	33091-17-7	PCB-197	0.0000014	ug/L	J				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	68194-17-2	PCB-198	0.000035	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52663-75-9	PCB-199	0.000035	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	2051-61-8	PCB-2	0.00002	ug/L	J				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	38444-84-7	PCB-20	0.0000055	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52663-73-7	PCB-200	0.0000037	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	40186-71-8	PCB-201	0.0000042	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	2136-99-4	PCB-202	0.00001	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52663-76-0	PCB-203	0.000024	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74472-52-9	PCB-204	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74472-53-0	PCB-205	0.0000037	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	40186-72-9	PCB-206	0.000016	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52663-79-3	PCB-207	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52663-77-1	PCB-208	0.0000025	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	2051-24-3	PCB-209	0.0000031	ug/L	J				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	55702-46-0	PCB-21	0.0000028	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	38444-85-8	PCB-22	0.0000019	ug/L	J				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	55720-44-0	PCB-23	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	55702-45-9	PCB-24	0.000019	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	55712-37-3	PCB-25	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	38444-81-4	PCB-26	0.000039	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	38444-76-7	PCB-27	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	7012-37-5	PCB-28	0.0000055	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	15862-07-4	PCB-29	0.000039	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	2051-62-9	PCB-3	0.0001	ug/L	J				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	35693-92-6	PCB-30	0.0000025	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	16606-02-3	PCB-31	0.0000062	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	38444-77-8	PCB-32	0.0000096	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	38444-86-9	PCB-33	0.0000028	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	37680-68-5	PCB-34	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	37680-69-6	PCB-35	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	38444-87-0	PCB-36	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	38444-90-5	PCB-37	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	53555-66-1	PCB-38	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	38444-88-1	PCB-39	0.000029	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	13029-08-8	PCB-4	0.000039	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	38444-93-8	PCB-40	0.000029	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52663-59-9	PCB-41	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	36559-22-5	PCB-42	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	70362-46-8	PCB-43	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	41464-39-5	PCB-44	0.0000086	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	70362-45-7	PCB-45	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	41464-47-5	PCB-46	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	2437-79-8	PCB-47	0.0000086	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	70362-47-9	PCB-48	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	41464-40-8	PCB-49	0.0000018	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	16605-91-7	PCB-5	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	62796-65-0	PCB-50	0.000029	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	68194-04-7	PCB-51	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	35693-99-3	PCB-52	0.0000072	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	41464-41-9	PCB-53	0.000029	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	15968-05-5	PCB-54	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74338-24-2	PCB-55	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	41464-43-1	PCB-56	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	70424-67-8	PCB-57	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	41464-49-7	PCB-58	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74472-33-6	PCB-59	0.000048	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	25569-80-6	PCB-6	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	33025-41-1	PCB-60	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	33284-53-6	PCB-61	0.0000078	ug/L	J				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	54230-22-7	PCB-62	0.000048	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74472-34-7	PCB-63	0.000029	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52663-58-8	PCB-64	0.0000018	ug/L	J				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	33284-54-7	PCB-65	0.0000086	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	32598-10-0	PCB-66	0.000029	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	73575-53-8	PCB-67	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	73575-52-7	PCB-68	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	60233-24-1	PCB-69	0.0000018	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	33284-50-3	PCB-7	0.000024	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	32598-11-1	PCB-70	0.0000078	ug/L	J				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	41464-46-4	PCB-71	0.000029	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	41464-42-0	PCB-72	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	74338-23-1	PCB-73	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	32690-93-0	PCB-74	0.0000078	ug/L	J				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	32598-12-2	PCB-75	0.000048	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	70362-48-0	PCB-76	0.0000078	ug/L	J				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	32598-13-3	PCB-77	0.000019	ug/L	U			0.006	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	70362-49-1	PCB-78	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	41464-48-6	PCB-79	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	34883-43-7	PCB-8	0.000024	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	33284-52-5	PCB-80	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	70362-50-4	PCB-81	0.000019	ug/L	U			0.12	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52663-62-4	PCB-82	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	60145-20-2	PCB-83	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52663-60-2	PCB-84	0.0000042	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	65510-45-4	PCB-85	0.000048	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	55312-69-1	PCB-86	0.0000086	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	38380-02-8	PCB-87	0.0000086	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	55215-17-3	PCB-88	0.000039	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	73575-57-2	PCB-89	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	34883-39-1	PCB-9	0.000024	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	68194-07-0	PCB-90	0.000016	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	68194-05-8	PCB-91	0.000039	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	52663-61-3	PCB-92	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	73575-56-1	PCB-93	0.000039	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	73575-55-0	PCB-94	0.000029	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	38379-99-6	PCB-95	0.000012	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	73575-54-9	PCB-96	0.000019	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	41464-51-1	PCB-97	0.0000086	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	60233-25-2	PCB-98	0.000029	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	1668C	38380-01-7	PCB-99	0.0000041	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	NWTPH-DX	TPH-D	Diesel Range Organics	99	ug/L	U			100	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	NWTPH-DX	MOIL	Residual Range Organics	300	ug/L	U			300	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	MW-14-GW	NWTPH-GX	TPH-G	Gasoline Range Organics	40	ug/L	U			14000	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7429-90-5	Aluminum	2030	ug/L	J			20000	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7440-36-0	Antimony	7.72	ug/L	U			7.8	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7440-38-2	Arsenic	3.74	ug/L	U			6300	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7440-39-3	Barium	17.9	ug/L	U			4000	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7440-41-7	Beryllium	2	ug/L	U			270000	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7440-69-9	Bismuth	100	ug/L					
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7440-43-9	Cadmium	2	ug/L	U			130000	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7440-70-2	Calcium	28100	ug/L	J				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7440-47-3	Chromium	10	ug/L	U			30000	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7440-48-4	Cobalt	10	ug/L	U			6	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7440-50-8	Copper	8.99	ug/L	U			5400000	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7440-69-9	Germanium	111	ug/L					
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7440-74-6	Indium	101	ug/L					
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7439-89-6	Iron	3280	ug/L	J			14000	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7439-92-1	Lead	5	ug/L	U			15	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7439-93-2	Lithium	111	ug/L					
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7439-95-4	Magnesium	8030	ug/L	J				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7439-96-5	Manganese	67.6	ug/L	J			3200000	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7440-02-0	Nickel	4.41	ug/L	J			400	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7440-09-7	Potassium	1240	ug/L	J				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7440-20-2	Scandium	113	ug/L					
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7782-49-2	Selenium	10	ug/L	U			100	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7440-22-4	Silver	4.3	ug/L				1100000	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7440-23-5	Sodium	11500	ug/L	J				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	15492-51-0	Terbium	101	ug/L					
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7440-28-0	Thallium	1	ug/L	U			0.2	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7440-62-2	Vanadium	5	ug/L				86	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7440-65-5	Yttrium	109	ug/L					
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW6020B	7440-66-6	Zinc	11.7	ug/L	J			6000	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW7470A	7439-97-6	Mercury	0.4	ug/L	U			11	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	53-19-0	2,4-DDD	0.0107	ug/L	UJ				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	3424-82-6	2,4-DDE	0.0107	ug/L	UJ				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	789-02-6	2,4-DDT	0.0107	ug/L	UJ				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	72-54-8	4,4'-DDD	0.0102	ug/L	U			3.2	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	72-55-9	4,4'-DDE	0.0205	ug/L	U			310	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	50-29-3	4,4'-DDT	0.0512	ug/L	U			0.23	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	309-00-2	Aldrin	0.0205	ug/L	U			3.5	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	319-84-6	alpha-BHC	0.0205	ug/L	U			18	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	5103-71-9	alpha-Chlordane	0.0256	ug/L	U			0.45	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	319-85-7	beta-BHC	0.0205	ug/L	U			0.025	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	319-86-8	delta-BHC	0.0205	ug/L	U			0.0072	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	60-57-1	Dieldrin	0.0205	ug/L	U			2.4	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	959-98-8	Endosulfan I	0.0205	ug/L	U			98	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	33213-65-9	Endosulfan II	0.0205	ug/L	U			98	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	1031-07-8	Endosulfan sulfate	0.0256	ug/L	U			98	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	72-20-8	Endrin	0.0205	ug/L	U			170	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	7421-93-4	Endrin aldehyde	0.0256	ug/L	U			170	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	53494-70-5	Endrin ketone	0.0205	ug/L	U			170	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	58-89-9	gamma-BHC (Lindane)	0.0205	ug/L	U			100	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	5103-74-2	gamma-Chlordane	0.0256	ug/L	U			0.45	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	76-44-8	Heptachlor	0.0205	ug/L	U			1.8	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	1024-57-3	Heptachlor epoxide	0.0205	ug/L	U			3.2	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	72-43-5	Methoxychlor	0.0512	ug/L	U			37	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	27304-13-8	Oxychlordane	0.0107	ug/L	UJ				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8081B	8001-35-2	Toxaphene	1.02	ug/L	U			18	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	630-20-6	1,1,1,2-Tetrachloroethane	0.2	ug/L	U			36	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	79-34-5	1,1,2,2-Tetrachloroethane	0.2	ug/L	U			30	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	79-00-5	1,1,2-Trichloroethane	0.2	ug/L	U			44	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	75-34-3	1,1-Dichloroethane	0.2	ug/L	U			55	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	96-18-4	1,2,3-Trichloropropane	0.2	ug/L	U			200	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	95-63-6	1,2,4-Trimethylbenzene	0.2	ug/L	U			2400	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	106-93-4	1,2-Dibromoethane (EDB)	0.2	ug/L	U			1.5	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	107-06-2	1,2-Dichloroethane	0.3	ug/L	U			18	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	78-87-5	1,2-Dichloropropane	0.3	ug/L	U			52	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	106-46-7	1,4-Dichlorobenzene	0.2	ug/L	U			25	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	594-20-7	2,2-Dichloropropane	0.2	ug/L	U			52	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	71-43-2	Benzene	0.2	ug/L	U			12	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	74-97-5	Bromochloromethane	0.2	ug/L	U			450	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	75-27-4	Bromodichloromethane	0.2	ug/L	U			6.9	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	56-23-5	Carbon tetrachloride	0.2	ug/L	U			3.1	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	67-66-3	Chloroform	0.3	ug/L	U			5.9	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	156-59-2	cis-1,2-Dichloroethene	16.4	ug/L				1800	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	10061-01-5	cis-1,3-Dichloropropene	0.2	ug/L	U			40	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	124-48-1	Dibromochloromethane	0.2	ug/L	U			610	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	74-95-3	Dibromomethane	0.2	ug/L	U			950	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	87-68-3	Hexachlorobutadiene	0.2	ug/L	U			3.3	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	98-82-8	Isopropylbenzene	0.2	ug/L	U			9100	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	103-65-1	n-Propylbenzene	0.2	ug/L	U			22000	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	127-18-4	Tetrachloroethene	0.31	ug/L	J			130	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	10061-02-6	trans-1,3-Dichloropropene	0.2	ug/L	U			21	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	79-01-6	Trichloroethene	0.2	ug/L	U			7.4	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8260B/D	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D	1319-77-3	3 & 4-Methylphenol	0.518	ug/L	U			370	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D	91-94-1	3,3'-Dichlorobenzidine	10.4	ug/L	U			0.17	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D	100-02-7	4-Nitrophenol	5.18	ug/L	U			5800	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D	92-87-5	Benzidine	41.5	ug/L	U			17	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D	111-44-4	Bis (2-chloroethyl) ether	0.518	ug/L	U			140	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D	85-68-7	Butyl benzylphthalate	0.518	ug/L	U			16	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D	86-74-8	Carbazole	0.518	ug/L	U			7.9	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D	132-64-9	Dibenzofuran	0.311	ug/L	U			7.9	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D	84-74-2	Di-n-butylphthalate	6.22	ug/L	U			900	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D	117-84-0	Di-n-octylphthalate	5.18	ug/L	U			200	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D	118-74-1	Hexachlorobenzene	0.518	ug/L	U			1.3	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D	62-75-9	N-Nitrosodimethylamine	0.518	ug/L	U			25	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	1.04	ug/L	U			370	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D	108-95-2	Phenol	0.518	ug/L	U			5800	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D SIM	91-57-6	2-Methylnaphthalene	0.0438	ug/L	U			36	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D SIM	83-32-9	Acenaphthene	0.0438	ug/L	U			510	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D SIM	208-96-8	Acenaphthylene	0.0438	ug/L	U			20	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D SIM	120-12-7	Anthracene	0.0438	ug/L	U			1800	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D SIM	56-55-3	Benzo(a)anthracene	0.0875	ug/L	U			2300	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D SIM	50-32-8	Benzo(a)pyrene	0.0657	ug/L	U			0.025	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D SIM	205-99-2	Benzo(b)fluoranthene	0.0657	ug/L	U			0.25	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D SIM	191-24-2	Benzo(g,h,i)perylene	0.0875	ug/L	U			120	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D SIM	207-08-9	Benzo(k)fluoranthene	0.0875	ug/L	U			2.5	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D SIM	117-81-7	Bis (2-ethylhexyl) phthalate	1.09	ug/L	U			5.6	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D SIM	218-01-9	Chrysene	0.131	ug/L	U			25	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D SIM	53-70-3	Dibenzo(a,h)anthracene	0.131	ug/L	U			0.025	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D SIM	206-44-0	Fluoranthene	0.0875	ug/L	U			800	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D SIM	86-73-7	Fluorene	0.0438	ug/L	U			280	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0875	ug/L	U			0.25	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D SIM	91-20-3	Naphthalene	0.0875	ug/L	U			20	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D SIM	85-01-8	Phenanthrene	0.131	ug/L	U			1800	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	SW8270D SIM	129-00-0	Pyrene	0.0657	ug/L	U			110	
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.221776	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.8966	ug/L	U				
MW-14	723615.583	7833971.959	4/5/2022	13 - 23	WG	N	22D0298-01	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.4812	ug/L	U				
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	300.0	24959-67-9	Bromide	10	ug/L	U				
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	6010B	7440-70-2	Calcium, Dissolved	28200	ug/L					
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	6010B	7439-89-6	Iron	163	ug/L				14000	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	6010B	7439-89-6	Iron, Dissolved	6.4	ug/L	J			14000	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	6010B	7439-95-4	Magnesium, Dissolved	7120	ug/L					
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	6010B	7440-09-7	Potassium, Dissolved	782	ug/L	J				
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	6010B	7440-23-5	Sodium, Dissolved	7620	ug/L					
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	6010B	7440-62-2	Vanadium	1.4	ug/L	J			86	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	6010B	7440-62-2	Vanadium, Dissolved	0.9	ug/L	J			86	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	6020	7440-38-2	Arsenic	0.54	ug/L				6300	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	6020	7440-38-2	Arsenic, Dissolved	0.51	ug/L				6300	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.045	ug/L	U			36	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	71-55-6	1,1,1-Trichloroethane	0.062	ug/L	U			53000	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.088	ug/L	U			30	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	79-00-5	1,1,2-Trichloroethane	0.094	ug/L	U			44	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	75-34-3	1,1-Dichloroethane	0.059	ug/L	U			55	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	75-35-4	1,1-Dichloroethene	0.1	ug/L	U			1300	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	563-58-6	1,1-Dichloropropene	0.062	ug/L	U			40	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	87-61-6	1,2,3-Trichlorobenzene	0.084	ug/L	U			7	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	96-18-4	1,2,3-Trichloropropane	0.24	ug/L	U			200	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	120-82-1	1,2,4-Trichlorobenzene	0.18	ug/L	U			380	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	95-63-6	1,2,4-Trimethylbenzene	0.062	ug/L	U			2400	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.072	ug/L	U			1.5	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	95-50-1	1,2-Dichlorobenzene	0.069	ug/L	U			25000	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	107-06-2	1,2-Dichloroethane	0.066	ug/L	U			18	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	78-87-5	1,2-Dichloropropane	0.062	ug/L	U			52	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	108-67-8	1,3,5-Trimethylbenzene	0.066	ug/L	U			1700	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	541-73-1	1,3-Dichlorobenzene	0.082	ug/L	U			25	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	142-28-9	1,3-Dichloropropane	0.057	ug/L	U			370	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	106-46-7	1,4-Dichlorobenzene	0.084	ug/L	U			25	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	594-20-7	2,2-Dichloropropane	0.083	ug/L	U			52	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	95-49-8	2-Chlorotoluene	0.079	ug/L	U			240	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	591-78-6	2-Hexanone	2.4	ug/L	U			72000	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	106-43-4	4-Chlorotoluene	0.057	ug/L	U			250	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	67-64-1	Acetone	3	ug/L	U			18000	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	71-43-2	Benzene	0.062	ug/L	U			12	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	108-86-1	Bromobenzene	0.066	ug/L	U			6300	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	74-97-5	Bromochloromethane	0.099	ug/L	U			450	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	75-27-4	Bromodichloromethane	0.055	ug/L	U			6.9	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	75-25-2	Bromoform	0.099	ug/L	U			1100	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	74-83-9	Bromomethane	0.12	ug/L	U			110	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	75-15-0	Carbon disulfide	0.12	ug/L	J			8200	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	56-23-5	Carbon tetrachloride	0.048	ug/L	U			3.1	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	108-90-7	Chlorobenzene	0.064	ug/L	U			3400	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	75-00-3	Chloroethane	0.13	ug/L	U			57000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	74-87-3	Chloromethane	0.11	ug/L	U			1500	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	156-59-2	cis-1,2-Dichloroethene	0.44	ug/L	J			1800	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	10061-01-5	cis-1,3-Dichloropropene	0.055	ug/L	U			40	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	124-48-1	Dibromochloromethane	0.072	ug/L	U			610	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	74-95-3	Dibromomethane	0.12	ug/L	U			950	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	75-71-8	Dichlorodifluoromethane	0.075	ug/L	U			41	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	100-41-4	Ethylbenzene	0.068	ug/L	U			31	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	87-68-3	Hexachlorobutadiene	0.15	ug/L	U			3.3	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	98-82-8	Isopropylbenzene	0.076	ug/L	U			9100	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	179601-23-1	m,p-Xylene	0.11	ug/L	U			3000	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	78-93-3	MEK (2-Butanone)	2.3	ug/L	U			17000000	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	75-09-2	Methylene chloride	0.084	ug/L	U			15000	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	1.4	ug/L	U			4600000	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	91-20-3	Naphthalene	0.096	ug/L	U			20	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	104-51-8	n-Butylbenzene	0.085	ug/L	U			1000	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	103-65-1	n-Propylbenzene	0.0059	ug/L	U			22000	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	95-47-6	o-Xylene	0.068	ug/L	U			4300	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	99-87-6	p-Cymene	0.07	ug/L	U			9100	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	135-98-8	sec-Butylbenzene	0.071	ug/L	U			2000	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	100-42-5	Styrene	0.077	ug/L	U			84000	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	98-06-6	tert-Butylbenzene	0.059	ug/L	U			690	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	127-18-4	Tetrachloroethene	1.8	ug/L				130	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	108-88-3	Toluene	0.23	ug/L	J			150000	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	156-60-5	trans-1,2-Dichloroethene	0.069	ug/L	U			457	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	10061-02-6	trans-1,3-Dichloropropene	0.075	ug/L	U			21	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	79-01-6	Trichloroethene	0.27	ug/L	J			7.4	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	75-69-4	Trichlorofluoromethane	0.099	ug/L	U			160000	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	108-05-4	Vinyl acetate	0.91	ug/L	U			80000	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8270C	205-99-2	Benzo(b)fluoranthene	0.018	ug/L	U			0.25	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8270C	207-08-9	Benzo(k)fluoranthene	0.025	ug/L	U			2.5	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	8270C	85-01-8	Phenanthrene	0.023	ug/L	U			1800	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	Krone	78763-54-9	Monobutyltin	0.011	ug/L	U			3.7	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	NWTPH-Dx	TPH-D	Diesel Range Organics	13	ug/L	U			100	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	NWTPH-Dx	MOIL	Residual Range Organics	22	ug/L	U			300	
MW-15	723601.683	7834147.685	4/14/2008	12 - 22	WG	N	080414MW15GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-15	723601.683	7834147.685	7/14/2008	12 - 22	WG	N	080714MW15GW	6010B	7439-89-6	Iron	190	ug/L				14000	
MW-15	723601.683	7834147.685	7/14/2008	12 - 22	WG	N	080714MW15GW	6010B	7439-89-6	Iron, Dissolved	4	ug/L	U			14000	
MW-15	723601.683	7834147.685	7/14/2008	12 - 22	WG	N	080714MW15GW	6020	7440-38-2	Arsenic	0.75	ug/L				6300	
MW-15	723601.683	7834147.685	7/14/2008	12 - 22	WG	N	080714MW15GW	6020	7440-38-2	Arsenic, Dissolved	0.63	ug/L				6300	
MW-15	723601.683	7834147.685	7/14/2008	12 - 22	WG	N	080714MW15GW	6020	7440-62-2	Vanadium	1.68	ug/L				86	
MW-15	723601.683	7834147.685	7/14/2008	12 - 22	WG	N	080714MW15GW	6020	7440-62-2	Vanadium, Dissolved	1.19	ug/L				86	
MW-15	723601.683	7834147.685	7/14/2008	12 - 22	WG	N	080714MW15GW	8260B	594-20-7	2,2-Dichloropropane	0.083	ug/L	U			52	
MW-15	723601.683	7834147.685	7/14/2008	12 - 22	WG	N	080714MW15GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-15	723601.683	7834147.685	7/14/2008	12 - 22	WG	N	080714MW15GW	8260B	156-59-2	cis-1,2-Dichloroethene	0.17	ug/L	J			1800	
MW-15	723601.683	7834147.685	7/14/2008	12 - 22	WG	N	080714MW15GW	8260B	127-18-4	Tetrachloroethene	1.6	ug/L				130	
MW-15	723601.683	7834147.685	7/14/2008	12 - 22	WG	N	080714MW15GW	8260B	79-01-6	Trichloroethene	0.23	ug/L	J			7.4	
MW-15	723601.683	7834147.685	7/14/2008	12 - 22	WG	N	080714MW15GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-15	723601.683	7834147.685	7/14/2008	12 - 22	WG	N	080714MW15GW	8270C	205-99-2	Benzo(b)fluoranthene	0.019	ug/L	U			0.25	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-15	723601.683	7834147.685	7/14/2008	12 - 22	WG	N	080714MW15GW	8270C	207-08-9	Benzo(k)fluoranthene	0.027	ug/L	U			2.5	
MW-15	723601.683	7834147.685	7/14/2008	12 - 22	WG	N	080714MW15GW	8270C	85-01-8	Phenanthrene	0.024	ug/L	U			1800	
MW-15	723601.683	7834147.685	7/14/2008	12 - 22	WG	N	080714MW15GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-15	723601.683	7834147.685	7/14/2008	12 - 22	WG	N	080714MW15GW	NWTPH-Dx	TPH-D	Diesel Range Organics	110	ug/L	U			100	
MW-15	723601.683	7834147.685	7/14/2008	12 - 22	WG	N	080714MW15GW	NWTPH-Dx	MOIL	Residual Range Organics	110	ug/L	U			300	
MW-15	723601.683	7834147.685	7/14/2008	12 - 22	WG	N	080714MW15GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-15	723601.683	7834147.685	10/21/2008	12 - 22	WG	N	081021MW15GW	6010B	7439-89-6	Iron	36.8	ug/L				14000	
MW-15	723601.683	7834147.685	10/21/2008	12 - 22	WG	N	081021MW15GW	6010B	7439-89-6	Iron, Dissolved	4	ug/L	U			14000	
MW-15	723601.683	7834147.685	10/21/2008	12 - 22	WG	N	081021MW15GW	6020	7440-38-2	Arsenic	0.59	ug/L				6300	
MW-15	723601.683	7834147.685	10/21/2008	12 - 22	WG	N	081021MW15GW	6020	7440-38-2	Arsenic, Dissolved	0.62	ug/L				6300	
MW-15	723601.683	7834147.685	10/21/2008	12 - 22	WG	N	081021MW15GW	6020	7440-62-2	Vanadium	1.3	ug/L				86	
MW-15	723601.683	7834147.685	10/21/2008	12 - 22	WG	N	081021MW15GW	6020	7440-62-2	Vanadium, Dissolved	1.22	ug/L				86	
MW-15	723601.683	7834147.685	10/21/2008	12 - 22	WG	N	081021MW15GW	8260B	594-20-7	2,2-Dichloropropane	0.083	ug/L	U			52	
MW-15	723601.683	7834147.685	10/21/2008	12 - 22	WG	N	081021MW15GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-15	723601.683	7834147.685	10/21/2008	12 - 22	WG	N	081021MW15GW	8260B	156-59-2	cis-1,2-Dichloroethene	0.08	ug/L	J			1800	
MW-15	723601.683	7834147.685	10/21/2008	12 - 22	WG	N	081021MW15GW	8260B	127-18-4	Tetrachloroethene	2.1	ug/L				130	
MW-15	723601.683	7834147.685	10/21/2008	12 - 22	WG	N	081021MW15GW	8260B	79-01-6	Trichloroethene	0.25	ug/L	J			7.4	
MW-15	723601.683	7834147.685	10/21/2008	12 - 22	WG	N	081021MW15GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-15	723601.683	7834147.685	10/21/2008	12 - 22	WG	N	081021MW15GW	8270C	205-99-2	Benzo(b)fluoranthene	0.017	ug/L	U			0.25	
MW-15	723601.683	7834147.685	10/21/2008	12 - 22	WG	N	081021MW15GW	8270C	207-08-9	Benzo(k)fluoranthene	0.024	ug/L	U			2.5	
MW-15	723601.683	7834147.685	10/21/2008	12 - 22	WG	N	081021MW15GW	8270C	85-01-8	Phenanthrene	0.022	ug/L	U			1800	
MW-15	723601.683	7834147.685	10/21/2008	12 - 22	WG	N	081021MW15GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-15	723601.683	7834147.685	10/21/2008	12 - 22	WG	N	081021MW15GW	NWTPH-Dx	TPH-D	Diesel Range Organics	12	ug/L	U			100	
MW-15	723601.683	7834147.685	10/21/2008	12 - 22	WG	N	081021MW15GW	NWTPH-Dx	MOIL	Residual Range Organics	20	ug/L	U			300	
MW-15	723601.683	7834147.685	10/21/2008	12 - 22	WG	N	081021MW15GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-15	723601.683	7834147.685	1/13/2009	12 - 22	WG	N	090113MW15GW	6010B	7439-89-6	Iron	90.6	ug/L				14000	
MW-15	723601.683	7834147.685	1/13/2009	12 - 22	WG	N	090113MW15GW	6010B	7439-89-6	Iron, Dissolved	20	ug/L	U			14000	
MW-15	723601.683	7834147.685	1/13/2009	12 - 22	WG	N	090113MW15GW	6020	7440-38-2	Arsenic	0.6	ug/L				6300	
MW-15	723601.683	7834147.685	1/13/2009	12 - 22	WG	N	090113MW15GW	6020	7440-38-2	Arsenic, Dissolved	0.6	ug/L				6300	
MW-15	723601.683	7834147.685	1/13/2009	12 - 22	WG	N	090113MW15GW	6020	7440-62-2	Vanadium	1.57	ug/L				86	
MW-15	723601.683	7834147.685	1/13/2009	12 - 22	WG	N	090113MW15GW	6020	7440-62-2	Vanadium, Dissolved	1.41	ug/L				86	
MW-15	723601.683	7834147.685	1/13/2009	12 - 22	WG	N	090113MW15GW	8260B	594-20-7	2,2-Dichloropropane	0.083	ug/L	U			52	
MW-15	723601.683	7834147.685	1/13/2009	12 - 22	WG	N	090113MW15GW	8260B	67-66-3	Chloroform	0.082	ug/L	U			5.9	
MW-15	723601.683	7834147.685	1/13/2009	12 - 22	WG	N	090113MW15GW	8260B	156-59-2	cis-1,2-Dichloroethene	0.066	ug/L	U			1800	
MW-15	723601.683	7834147.685	1/13/2009	12 - 22	WG	N	090113MW15GW	8260B	127-18-4	Tetrachloroethene	1.1	ug/L				130	
MW-15	723601.683	7834147.685	1/13/2009	12 - 22	WG	N	090113MW15GW	8260B	79-01-6	Trichloroethene	0.073	ug/L	U			7.4	
MW-15	723601.683	7834147.685	1/13/2009	12 - 22	WG	N	090113MW15GW	8260B	75-01-4	Vinyl chloride	0.044	ug/L	U			3.3	
MW-15	723601.683	7834147.685	1/13/2009	12 - 22	WG	N	090113MW15GW	8270C	205-99-2	Benzo(b)fluoranthene	0.019	ug/L	U			0.25	
MW-15	723601.683	7834147.685	1/13/2009	12 - 22	WG	N	090113MW15GW	8270C	207-08-9	Benzo(k)fluoranthene	0.026	ug/L	U			2.5	
MW-15	723601.683	7834147.685	1/13/2009	12 - 22	WG	N	090113MW15GW	8270C	85-01-8	Phenanthrene	0.024	ug/L	U			1800	
MW-15	723601.683	7834147.685	1/13/2009	12 - 22	WG	N	090113MW15GW	Krone	78763-54-9	Monobutyltin	0.029	ug/L	U			3.7	
MW-15	723601.683	7834147.685	1/13/2009	12 - 22	WG	N	090113MW15GW	NWTPH-Dx	TPH-D	Diesel Range Organics	120	ug/L	U			100	
MW-15	723601.683	7834147.685	1/13/2009	12 - 22	WG	N	090113MW15GW	NWTPH-Dx	MOIL	Residual Range Organics	120	ug/L	U			300	
MW-15	723601.683	7834147.685	1/13/2009	12 - 22	WG	N	090113MW15GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	13	ug/L	U			14000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0004239	ug/L				1.3	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	2051-60-7	PCB-1	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	33146-45-1	PCB-10	0.000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	39485-83-1	PCB-100	0.000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	37680-73-2	PCB-101	0.000015	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	68194-06-9	PCB-102	0.000029	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	60145-21-3	PCB-103	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	56558-16-8	PCB-104	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	32598-14-4	PCB-105	0.0000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	70424-69-0	PCB-106	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	70424-68-9	PCB-107	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	70362-41-3	PCB-108	0.0000047	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74472-35-8	PCB-109	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	2050-67-1	PCB-11	0.000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	38380-03-9	PCB-110	0.000012	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	39635-32-0	PCB-111	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74472-36-9	PCB-112	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	68194-10-5	PCB-113	0.000015	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74472-37-0	PCB-114	0.000019	ug/L	U			2.9	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74472-38-1	PCB-115	0.000012	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	18259-05-7	PCB-116	0.000049	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	68194-11-6	PCB-117	0.000049	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	31508-00-6	PCB-118	0.0000092	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	56558-17-9	PCB-119	0.0000047	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	2974-92-7	PCB-12	0.000068	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	68194-12-7	PCB-120	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	56558-18-0	PCB-121	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	76842-07-4	PCB-122	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	65510-44-3	PCB-123	0.000019	ug/L	U			1.4	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	70424-70-3	PCB-124	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74472-39-2	PCB-125	0.0000047	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	57465-28-8	PCB-126	0.000019	ug/L	U			0.00042	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	39635-33-1	PCB-127	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	38380-07-3	PCB-128	0.000007	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	55215-18-4	PCB-129	0.000078	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	2974-90-5	PCB-13	0.000068	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52663-66-8	PCB-130	0.0000024	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	61798-70-7	PCB-131	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	38380-05-1	PCB-132	0.000015	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	35694-04-3	PCB-133	0.0000097	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52704-70-8	PCB-134	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52744-13-5	PCB-135	0.000026	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	38411-22-2	PCB-136	0.0000071	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	35694-06-5	PCB-137	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	35065-28-2	PCB-138	0.000078	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	56030-56-9	PCB-139	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	34883-41-5	PCB-14	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	59291-64-4	PCB-140	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52712-04-6	PCB-141	0.000016	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	41411-61-4	PCB-142	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	68194-15-0	PCB-143	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	68194-14-9	PCB-144	0.0000034	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74472-40-5	PCB-145	0.0000097	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	51908-16-8	PCB-146	0.0000092	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	68194-13-8	PCB-147	0.000049	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74472-41-6	PCB-148	0.000019	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	38380-04-0	PCB-149	0.000049	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	2050-68-2	PCB-15	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	68194-08-1	PCB-150	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52663-63-5	PCB-151	0.000026	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	68194-09-2	PCB-152	0.0000097	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	35065-27-1	PCB-153	0.000057	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	60145-22-4	PCB-154	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	33979-03-2	PCB-155	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	38380-08-4	PCB-156	0.000005	ug/L	U			7	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	69782-90-7	PCB-157	0.000005	ug/L	U			1.6	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74472-42-7	PCB-158	0.0000061	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	39635-35-3	PCB-159	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	38444-78-9	PCB-16	0.000024	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	41411-62-5	PCB-160	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74472-43-8	PCB-161	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	39635-34-2	PCB-162	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74472-44-9	PCB-163	0.000078	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74472-45-0	PCB-164	0.0000068	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74472-46-1	PCB-165	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	41411-63-6	PCB-166	0.000007	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52663-72-6	PCB-167	0.0000024	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	59291-65-5	PCB-168	0.000057	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	32774-16-6	PCB-169	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	37680-66-3	PCB-17	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	35065-30-6	PCB-170	0.000037	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52663-71-5	PCB-171	0.0000074	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52663-74-8	PCB-172	0.000007	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	68194-16-1	PCB-173	0.0000074	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	38411-25-5	PCB-174	0.000033	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	40186-70-7	PCB-175	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52663-65-7	PCB-176	0.000004	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52663-70-4	PCB-177	0.000016	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52663-67-9	PCB-178	0.0000063	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52663-64-6	PCB-179	0.000013	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	37680-65-2	PCB-18	0.000049	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	35065-29-3	PCB-180	0.000079	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74472-47-2	PCB-181	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	60145-23-5	PCB-182	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52663-69-1	PCB-183	0.000017	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74472-48-3	PCB-184	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52712-05-7	PCB-185	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74472-49-4	PCB-186	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52663-68-0	PCB-187	0.000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74487-85-7	PCB-188	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	39635-31-9	PCB-189	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	38444-73-4	PCB-19	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	41411-64-7	PCB-190	0.0000065	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74472-50-7	PCB-191	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74472-51-8	PCB-192	0.0000097	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	69782-91-8	PCB-193	0.000079	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	35694-08-7	PCB-194	0.000034	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52663-78-2	PCB-195	0.000011	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	42740-50-1	PCB-196	0.0000092	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	33091-17-7	PCB-197	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	68194-17-2	PCB-198	0.000023	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52663-75-9	PCB-199	0.000023	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	2051-61-8	PCB-2	0.0000097	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	38444-84-7	PCB-20	0.000002	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52663-73-7	PCB-200	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	40186-71-8	PCB-201	0.000003	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	2136-99-4	PCB-202	0.000009	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52663-76-0	PCB-203	0.000011	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74472-52-9	PCB-204	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74472-53-0	PCB-205	0.0000021	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	40186-72-9	PCB-206	0.000011	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52663-79-3	PCB-207	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52663-77-1	PCB-208	0.0000041	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	2051-24-3	PCB-209	0.0000029	ug/L	J				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	55702-46-0	PCB-21	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	38444-85-8	PCB-22	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	55720-44-0	PCB-23	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	55702-45-9	PCB-24	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	55712-37-3	PCB-25	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	38444-81-4	PCB-26	0.000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	38444-76-7	PCB-27	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	7012-37-5	PCB-28	0.000002	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	15862-07-4	PCB-29	0.000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	2051-62-9	PCB-3	0.0000097	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	35693-92-6	PCB-30	0.000049	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	16606-02-3	PCB-31	0.0000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	38444-77-8	PCB-32	0.0000097	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	38444-86-9	PCB-33	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	37680-68-5	PCB-34	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	37680-69-6	PCB-35	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	38444-87-0	PCB-36	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	38444-90-5	PCB-37	0.0000015	ug/L	J				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	53555-66-1	PCB-38	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	38444-88-1	PCB-39	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	13029-08-8	PCB-4	0.000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	38444-93-8	PCB-40	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52663-59-9	PCB-41	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	36559-22-5	PCB-42	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	70362-46-8	PCB-43	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	41464-39-5	PCB-44	0.0000045	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	70362-45-7	PCB-45	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	41464-47-5	PCB-46	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	2437-79-8	PCB-47	0.0000045	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	70362-47-9	PCB-48	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	41464-40-8	PCB-49	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	16605-91-7	PCB-5	0.000019	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	62796-65-0	PCB-50	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	68194-04-7	PCB-51	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	35693-99-3	PCB-52	0.0000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	41464-41-9	PCB-53	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	15968-05-5	PCB-54	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74338-24-2	PCB-55	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	41464-43-1	PCB-56	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	70424-67-8	PCB-57	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	41464-49-7	PCB-58	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74472-33-6	PCB-59	0.000049	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	25569-80-6	PCB-6	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	33025-41-1	PCB-60	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	33284-53-6	PCB-61	0.000068	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	54230-22-7	PCB-62	0.000049	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74472-34-7	PCB-63	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52663-58-8	PCB-64	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	33284-54-7	PCB-65	0.0000045	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	32598-10-0	PCB-66	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	73575-53-8	PCB-67	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	73575-52-7	PCB-68	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	60233-24-1	PCB-69	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	33284-50-3	PCB-7	0.000024	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	32598-11-1	PCB-70	0.000068	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	41464-46-4	PCB-71	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	41464-42-0	PCB-72	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	74338-23-1	PCB-73	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	32690-93-0	PCB-74	0.000068	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	32598-12-2	PCB-75	0.000049	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	70362-48-0	PCB-76	0.000068	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	32598-13-3	PCB-77	0.000019	ug/L	U			0.006	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	70362-49-1	PCB-78	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	41464-48-6	PCB-79	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	34883-43-7	PCB-8	0.000024	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	33284-52-5	PCB-80	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	70362-50-4	PCB-81	0.000019	ug/L	U			0.12	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52663-62-4	PCB-82	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	60145-20-2	PCB-83	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52663-60-2	PCB-84	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	65510-45-4	PCB-85	0.000049	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	55312-69-1	PCB-86	0.0000047	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	38380-02-8	PCB-87	0.0000047	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	55215-17-3	PCB-88	0.000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	73575-57-2	PCB-89	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	34883-39-1	PCB-9	0.000024	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	68194-07-0	PCB-90	0.000015	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	68194-05-8	PCB-91	0.000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	52663-61-3	PCB-92	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	73575-56-1	PCB-93	0.000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	73575-55-0	PCB-94	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	38379-99-6	PCB-95	0.00001	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	73575-54-9	PCB-96	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	41464-51-1	PCB-97	0.0000047	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	60233-25-2	PCB-98	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	1668C	38380-01-7	PCB-99	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	NWTPH-DX	TPH-D	Diesel Range Organics	97	ug/L	U			100	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	NWTPH-DX	MOIL	Residual Range Organics	290	ug/L	U			300	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	NWTPH-GX	TPH-G	Gasoline Range Organics	40	ug/L	U			14000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	ORGANOTINS	1002-53-5	Dibutyltin	0.15	ug/L	UJ			6	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	DUP-1-GW	ORGANOTINS	1461-25-2	Tetrabutyltin	0.19	ug/L	UJ			3.7	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7429-90-5	Aluminum	1680	ug/L	J			20000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7440-36-0	Antimony	4.81	ug/L	U			7.8	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7440-38-2	Arsenic	2.93	ug/L	U			6300	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7440-39-3	Barium	17.1	ug/L	U			4000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7440-41-7	Beryllium	2	ug/L	U			270000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7440-69-9	Bismuth	99.3	ug/L					
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7440-43-9	Cadmium	2	ug/L	U			130000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7440-70-2	Calcium	34200	ug/L	J				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7440-47-3	Chromium	10	ug/L	U			30000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7440-48-4	Cobalt	10	ug/L	U			6	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7440-50-8	Copper	6.09	ug/L	U			5400000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7440-69-9	Germanium	112	ug/L					
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7440-74-6	Indium	103	ug/L					
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7439-89-6	Iron	2550	ug/L	J			14000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7439-92-1	Lead	5	ug/L	U			15	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7439-93-2	Lithium	114	ug/L					
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7439-95-4	Magnesium	9620	ug/L	J				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7439-96-5	Manganese	62.6	ug/L	J			3200000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7440-02-0	Nickel	3.53	ug/L	J			400	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7440-09-7	Potassium	872	ug/L	J				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7440-20-2	Scandium	117	ug/L					
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7782-49-2	Selenium	10	ug/L	U			100	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7440-22-4	Silver	1	ug/L	U			1100000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7440-23-5	Sodium	13000	ug/L	J				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	15492-51-0	Terbium	98.4	ug/L					
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7440-28-0	Thallium	1	ug/L	U			0.2	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7440-62-2	Vanadium	5	ug/L				86	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7440-65-5	Yttrium	111	ug/L					
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW6020B	7440-66-6	Zinc	11.3	ug/L	J			6000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW7470A	7439-97-6	Mercury	0.4	ug/L	U			11	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	53-19-0	2,4-DDD	0.0102	ug/L	UJ				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	3424-82-6	2,4-DDE	0.0102	ug/L	UJ				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	789-02-6	2,4-DDT	0.0102	ug/L	UJ				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	72-54-8	4,4'-DDD	0.0108	ug/L	UJ			3.2	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	72-55-9	4,4'-DDE	0.0216	ug/L	UJ			310	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	50-29-3	4,4'-DDT	0.0539	ug/L	UJ			0.23	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	309-00-2	Aldrin	0.0216	ug/L	UJ			3.5	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	319-84-6	alpha-BHC	0.0216	ug/L	UJ			18	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	5103-71-9	alpha-Chlordane	0.027	ug/L	UJ			0.45	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	319-85-7	beta-BHC	0.0216	ug/L	UJ			0.025	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	319-86-8	delta-BHC	0.0216	ug/L	UJ			0.0072	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	60-57-1	Dieldrin	0.0216	ug/L	UJ			2.4	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	959-98-8	Endosulfan I	0.0216	ug/L	UJ			98	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	33213-65-9	Endosulfan II	0.0216	ug/L	UJ			98	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	1031-07-8	Endosulfan sulfate	0.027	ug/L	UJ			98	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	72-20-8	Endrin	0.0216	ug/L	UJ			170	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	7421-93-4	Endrin aldehyde	0.027	ug/L	UJ			170	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	53494-70-5	Endrin ketone	0.0216	ug/L	UJ			170	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	58-89-9	gamma-BHC (Lindane)	0.0216	ug/L	UJ			100	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	5103-74-2	gamma-Chlordane	0.027	ug/L	UJ			0.45	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	76-44-8	Heptachlor	0.0216	ug/L	UJ			1.8	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	1024-57-3	Heptachlor epoxide	0.0216	ug/L	UJ			3.2	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	72-43-5	Methoxychlor	0.0539	ug/L	UJ			37	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	27304-13-8	Oxychlordane	0.0102	ug/L	UJ				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8081B	8001-35-2	Toxaphene	1.08	ug/L	UJ			18	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	630-20-6	1,1,1,2-Tetrachloroethane	0.2	ug/L	U			36	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	79-34-5	1,1,2,2-Tetrachloroethane	0.2	ug/L	U			30	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	79-00-5	1,1,2-Trichloroethane	0.2	ug/L	U			44	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	75-34-3	1,1-Dichloroethane	0.2	ug/L	U			55	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	96-18-4	1,2,3-Trichloropropane	0.2	ug/L	U			200	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	95-63-6	1,2,4-Trimethylbenzene	0.2	ug/L	U			2400	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	106-93-4	1,2-Dibromoethane (EDB)	0.2	ug/L	U			1.5	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	107-06-2	1,2-Dichloroethane	0.3	ug/L	U			18	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	78-87-5	1,2-Dichloropropane	0.3	ug/L	U			52	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	106-46-7	1,4-Dichlorobenzene	0.2	ug/L	U			25	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	594-20-7	2,2-Dichloropropane	0.2	ug/L	U			52	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	71-43-2	Benzene	0.2	ug/L	U			12	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	74-97-5	Bromochloromethane	0.2	ug/L	U			450	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	75-27-4	Bromodichloromethane	0.2	ug/L	U			6.9	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	56-23-5	Carbon tetrachloride	0.2	ug/L	U			3.1	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	67-66-3	Chloroform	0.3	ug/L	U			5.9	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	156-59-2	cis-1,2-Dichloroethene	0.3	ug/L	U			1800	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	10061-01-5	cis-1,3-Dichloropropene	0.2	ug/L	U			40	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	124-48-1	Dibromochloromethane	0.2	ug/L	U			610	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	74-95-3	Dibromomethane	0.2	ug/L	U			950	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	87-68-3	Hexachlorobutadiene	0.2	ug/L	U			3.3	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	98-82-8	Isopropylbenzene	0.2	ug/L	U			9100	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	103-65-1	n-Propylbenzene	0.2	ug/L	U			22000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	127-18-4	Tetrachloroethene	0.49	ug/L	J			130	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	10061-02-6	trans-1,3-Dichloropropene	0.2	ug/L	U			21	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	79-01-6	Trichloroethene	0.2	ug/L	U			7.4	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8260B/D	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D	1319-77-3	3 & 4-Methylphenol	0.534	ug/L	U			370	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D	91-94-1	3,3'-Dichlorobenzidine	10.7	ug/L	U			0.17	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D	100-02-7	4-Nitrophenol	5.34	ug/L	U			5800	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D	92-87-5	Benzidine	42.7	ug/L	U			17	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D	111-44-4	Bis (2-chloroethyl) ether	0.534	ug/L	U			140	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D	85-68-7	Butyl benzylphthalate	0.534	ug/L	U			16	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D	86-74-8	Carbazole	0.534	ug/L	U			7.9	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D	132-64-9	Dibenzofuran	0.32	ug/L	U			7.9	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D	84-74-2	Di-n-butylphthalate	6.41	ug/L	U			900	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D	117-84-0	Di-n-octylphthalate	5.34	ug/L	U			200	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D	118-74-1	Hexachlorobenzene	0.534	ug/L	U			1.3	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D	62-75-9	N-Nitrosodimethylamine	0.534	ug/L	U			25	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	1.07	ug/L	U			370	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D	108-95-2	Phenol	0.534	ug/L	U			5800	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D SIM	91-57-6	2-Methylnaphthalene	0.0417	ug/L	U			36	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D SIM	83-32-9	Acenaphthene	0.0417	ug/L	U			510	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D SIM	208-96-8	Acenaphthylene	0.0417	ug/L	U			20	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D SIM	120-12-7	Anthracene	0.0417	ug/L	U			1800	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D SIM	56-55-3	Benzo(a)anthracene	0.0835	ug/L	U			2300	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D SIM	50-32-8	Benzo(a)pyrene	0.0626	ug/L	U			0.025	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D SIM	205-99-2	Benzo(b)fluoranthene	0.0626	ug/L	U			0.25	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D SIM	191-24-2	Benzo(g,h,i)perylene	0.0835	ug/L	U			120	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D SIM	207-08-9	Benzo(k)fluoranthene	0.0835	ug/L	U			2.5	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D SIM	117-81-7	Bis (2-ethylhexyl) phthalate	1.04	ug/L	U			5.6	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D SIM	218-01-9	Chrysene	0.125	ug/L	U			25	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D SIM	53-70-3	Dibenzo(a,h)anthracene	0.125	ug/L	U			0.025	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D SIM	206-44-0	Fluoranthene	0.0835	ug/L	U			800	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D SIM	86-73-7	Fluorene	0.0417	ug/L	U			280	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0835	ug/L	U			0.25	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D SIM	91-20-3	Naphthalene	0.0835	ug/L	U			20	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D SIM	85-01-8	Phenanthrene	0.125	ug/L	U			1800	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	SW8270D SIM	129-00-0	Pyrene	0.0626	ug/L	U			110	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.21152	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.8553	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	FD	22D0298-03	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.4588	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0003319	ug/L				1.3	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	2051-60-7	PCB-1	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	33146-45-1	PCB-10	0.000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	39485-83-1	PCB-100	0.000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	37680-73-2	PCB-101	0.0000081	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	68194-06-9	PCB-102	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	60145-21-3	PCB-103	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	56558-16-8	PCB-104	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	32598-14-4	PCB-105	0.0000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	70424-69-0	PCB-106	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	70424-68-9	PCB-107	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	70362-41-3	PCB-108	0.0000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74472-35-8	PCB-109	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	2050-67-1	PCB-11	0.000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	38380-03-9	PCB-110	0.000008	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	39635-32-0	PCB-111	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74472-36-9	PCB-112	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	68194-10-5	PCB-113	0.0000081	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74472-37-0	PCB-114	0.000019	ug/L	U			2.9	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74472-38-1	PCB-115	0.000008	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	18259-05-7	PCB-116	0.000048	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	68194-11-6	PCB-117	0.000048	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	31508-00-6	PCB-118	0.0000051	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	56558-17-9	PCB-119	0.0000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	2974-92-7	PCB-12	0.000068	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	68194-12-7	PCB-120	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	56558-18-0	PCB-121	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	76842-07-4	PCB-122	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	65510-44-3	PCB-123	0.000019	ug/L	U			1.4	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	70424-70-3	PCB-124	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74472-39-2	PCB-125	0.0000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	57465-28-8	PCB-126	0.000019	ug/L	U			0.00042	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	39635-33-1	PCB-127	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	38380-07-3	PCB-128	0.0000022	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	55215-18-4	PCB-129	0.000043	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	2974-90-5	PCB-13	0.000068	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52663-66-8	PCB-130	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	61798-70-7	PCB-131	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	38380-05-1	PCB-132	0.000011	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	35694-04-3	PCB-133	0.0000096	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52704-70-8	PCB-134	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52744-13-5	PCB-135	0.000012	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	38411-22-2	PCB-136	0.0000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	35694-06-5	PCB-137	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	35065-28-2	PCB-138	0.000043	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	56030-56-9	PCB-139	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	34883-41-5	PCB-14	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	59291-64-4	PCB-140	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52712-04-6	PCB-141	0.0000091	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	41411-61-4	PCB-142	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	68194-15-0	PCB-143	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	68194-14-9	PCB-144	0.0000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74472-40-5	PCB-145	0.0000096	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	51908-16-8	PCB-146	0.0000048	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	68194-13-8	PCB-147	0.000028	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74472-41-6	PCB-148	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	38380-04-0	PCB-149	0.000028	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	2050-68-2	PCB-15	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	68194-08-1	PCB-150	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52663-63-5	PCB-151	0.000012	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	68194-09-2	PCB-152	0.0000096	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	35065-27-1	PCB-153	0.000034	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	60145-22-4	PCB-154	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	33979-03-2	PCB-155	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	38380-08-4	PCB-156	0.0000027	ug/L	U			7	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	69782-90-7	PCB-157	0.0000027	ug/L	U			1.6	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74472-42-7	PCB-158	0.0000026	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	39635-35-3	PCB-159	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	38444-78-9	PCB-16	0.000024	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	41411-62-5	PCB-160	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74472-43-8	PCB-161	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	39635-34-2	PCB-162	0.000019	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74472-44-9	PCB-163	0.000043	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74472-45-0	PCB-164	0.000003	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74472-46-1	PCB-165	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	41411-63-6	PCB-166	0.0000022	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52663-72-6	PCB-167	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	59291-65-5	PCB-168	0.000034	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	32774-16-6	PCB-169	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	37680-66-3	PCB-17	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	35065-30-6	PCB-170	0.000022	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52663-71-5	PCB-171	0.0000053	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52663-74-8	PCB-172	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	68194-16-1	PCB-173	0.0000053	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	38411-25-5	PCB-174	0.000021	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	40186-70-7	PCB-175	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52663-65-7	PCB-176	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52663-70-4	PCB-177	0.00001	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52663-67-9	PCB-178	0.0000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52663-64-6	PCB-179	0.0000076	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	37680-65-2	PCB-18	0.000048	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	35065-29-3	PCB-180	0.00005	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74472-47-2	PCB-181	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	60145-23-5	PCB-182	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52663-69-1	PCB-183	0.000016	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74472-48-3	PCB-184	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52712-05-7	PCB-185	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74472-49-4	PCB-186	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52663-68-0	PCB-187	0.000027	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74487-85-7	PCB-188	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	39635-31-9	PCB-189	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	38444-73-4	PCB-19	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	41411-64-7	PCB-190	0.0000034	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74472-50-7	PCB-191	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74472-51-8	PCB-192	0.0000096	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	69782-91-8	PCB-193	0.00005	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	35694-08-7	PCB-194	0.000022	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52663-78-2	PCB-195	0.000011	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	42740-50-1	PCB-196	0.0000061	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	33091-17-7	PCB-197	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	68194-17-2	PCB-198	0.000013	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52663-75-9	PCB-199	0.000013	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	2051-61-8	PCB-2	0.0000096	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	38444-84-7	PCB-20	0.000096	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52663-73-7	PCB-200	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	40186-71-8	PCB-201	0.00000098	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	2136-99-4	PCB-202	0.000003	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52663-76-0	PCB-203	0.0000073	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74472-52-9	PCB-204	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74472-53-0	PCB-205	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	40186-72-9	PCB-206	0.0000068	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52663-79-3	PCB-207	0.000019	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52663-77-1	PCB-208	0.0000021	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	2051-24-3	PCB-209	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	55702-46-0	PCB-21	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	38444-85-8	PCB-22	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	55720-44-0	PCB-23	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	55702-45-9	PCB-24	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	55712-37-3	PCB-25	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	38444-81-4	PCB-26	0.000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	38444-76-7	PCB-27	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	7012-37-5	PCB-28	0.000096	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	15862-07-4	PCB-29	0.000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	2051-62-9	PCB-3	0.0000096	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	35693-92-6	PCB-30	0.000048	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	16606-02-3	PCB-31	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	38444-77-8	PCB-32	0.0000096	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	38444-86-9	PCB-33	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	37680-68-5	PCB-34	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	37680-69-6	PCB-35	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	38444-87-0	PCB-36	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	38444-90-5	PCB-37	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	53555-66-1	PCB-38	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	38444-88-1	PCB-39	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	13029-08-8	PCB-4	0.000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	38444-93-8	PCB-40	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52663-59-9	PCB-41	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	36559-22-5	PCB-42	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	70362-46-8	PCB-43	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	41464-39-5	PCB-44	0.000004	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	70362-45-7	PCB-45	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	41464-47-5	PCB-46	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	2437-79-8	PCB-47	0.000004	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	70362-47-9	PCB-48	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	41464-40-8	PCB-49	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	16605-91-7	PCB-5	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	62796-65-0	PCB-50	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	68194-04-7	PCB-51	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	35693-99-3	PCB-52	0.0000032	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	41464-41-9	PCB-53	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	15968-05-5	PCB-54	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74338-24-2	PCB-55	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	41464-43-1	PCB-56	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	70424-67-8	PCB-57	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	41464-49-7	PCB-58	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74472-33-6	PCB-59	0.000048	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	25569-80-6	PCB-6	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	33025-41-1	PCB-60	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	33284-53-6	PCB-61	0.0000025	ug/L	J				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	54230-22-7	PCB-62	0.000048	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74472-34-7	PCB-63	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52663-58-8	PCB-64	0.000019	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	33284-54-7	PCB-65	0.000004	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	32598-10-0	PCB-66	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	73575-53-8	PCB-67	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	73575-52-7	PCB-68	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	60233-24-1	PCB-69	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	33284-50-3	PCB-7	0.000024	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	32598-11-1	PCB-70	0.0000025	ug/L	J				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	41464-46-4	PCB-71	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	41464-42-0	PCB-72	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	74338-23-1	PCB-73	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	32690-93-0	PCB-74	0.0000025	ug/L	J				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	32598-12-2	PCB-75	0.000048	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	70362-48-0	PCB-76	0.0000025	ug/L	J				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	32598-13-3	PCB-77	0.000019	ug/L	U			0.006	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	70362-49-1	PCB-78	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	41464-48-6	PCB-79	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	34883-43-7	PCB-8	0.000024	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	33284-52-5	PCB-80	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	70362-50-4	PCB-81	0.000019	ug/L	U			0.12	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52663-62-4	PCB-82	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	60145-20-2	PCB-83	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52663-60-2	PCB-84	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	65510-45-4	PCB-85	0.000048	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	55312-69-1	PCB-86	0.0000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	38380-02-8	PCB-87	0.0000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	55215-17-3	PCB-88	0.000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	73575-57-2	PCB-89	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	34883-39-1	PCB-9	0.000024	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	68194-07-0	PCB-90	0.0000081	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	68194-05-8	PCB-91	0.000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	52663-61-3	PCB-92	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	73575-56-1	PCB-93	0.000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	73575-55-0	PCB-94	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	38379-99-6	PCB-95	0.0000065	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	73575-54-9	PCB-96	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	41464-51-1	PCB-97	0.0000039	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	60233-25-2	PCB-98	0.000029	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	1668C	38380-01-7	PCB-99	0.000019	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	NWTPH-DX	TPH-D	Diesel Range Organics	97	ug/L	U			100	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	NWTPH-DX	MOIL	Residual Range Organics	290	ug/L	U			300	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	NWTPH-GX	TPH-G	Gasoline Range Organics	40	ug/L	U			14000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	ORGANOTINS	1002-53-5	Dibutyltin	0.15	ug/L	UJ			6	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	MW-15-GW	ORGANOTINS	1461-25-2	Tetrabutyltin	0.19	ug/L	UJ			3.7	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7429-90-5	Aluminum	5030	ug/L	J			20000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7440-36-0	Antimony	5.28	ug/L	U			7.8	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7440-38-2	Arsenic	5.17	ug/L	U			6300	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7440-39-3	Barium	36.8	ug/L	J			4000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7440-41-7	Beryllium	0.605	ug/L	J			270000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7440-69-9	Bismuth	99	ug/L					
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7440-43-9	Cadmium	2	ug/L	U			130000	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7440-70-2	Calcium	37100	ug/L	J				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7440-47-3	Chromium	3.53	ug/L	J			30000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7440-48-4	Cobalt	5.38	ug/L	J			6	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7440-50-8	Copper	20.4	ug/L	J			5400000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7440-69-9	Germanium	112	ug/L					
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7440-74-6	Indium	103	ug/L					
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7439-89-6	Iron	9120	ug/L	U			14000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7439-92-1	Lead	2.99	ug/L	J			15	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7439-93-2	Lithium	113	ug/L					
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7439-95-4	Magnesium	11700	ug/L	J				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7439-96-5	Manganese	277	ug/L	J			3200000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7440-02-0	Nickel	9.87	ug/L	J			400	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7440-09-7	Potassium	1060	ug/L	J				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7440-20-2	Scandium	115	ug/L					
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7782-49-2	Selenium	10	ug/L	U			100	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7440-22-4	Silver	1.25	ug/L	J			1100000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7440-23-5	Sodium	13600	ug/L	J				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	15492-51-0	Terbium	101	ug/L					
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7440-28-0	Thallium	1	ug/L	U			0.2	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7440-62-2	Vanadium	5	ug/L				86	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7440-65-5	Yttrium	110	ug/L					
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW6020B	7440-66-6	Zinc	22.1	ug/L	J			6000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW7470A	7439-97-6	Mercury	0.4	ug/L	U			11	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	53-19-0	2,4-DDD	0.0102	ug/L	UJ				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	3424-82-6	2,4-DDE	0.0102	ug/L	UJ				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	789-02-6	2,4-DDT	0.0102	ug/L	UJ				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	72-54-8	4,4'-DDD	0.0108	ug/L	UJ			3.2	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	72-55-9	4,4'-DDE	0.0215	ug/L	UJ			310	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	50-29-3	4,4'-DDT	0.0539	ug/L	UJ			0.23	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	309-00-2	Aldrin	0.0215	ug/L	UJ			3.5	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	319-84-6	alpha-BHC	0.0215	ug/L	UJ			18	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	5103-71-9	alpha-Chlordane	0.0269	ug/L	UJ			0.45	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	319-85-7	beta-BHC	0.0215	ug/L	UJ			0.025	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	319-86-8	delta-BHC	0.0215	ug/L	UJ			0.0072	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	60-57-1	Dieldrin	0.0215	ug/L	UJ			2.4	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	959-98-8	Endosulfan I	0.0215	ug/L	UJ			98	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	33213-65-9	Endosulfan II	0.0215	ug/L	UJ			98	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	1031-07-8	Endosulfan sulfate	0.0269	ug/L	UJ			98	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	72-20-8	Endrin	0.0215	ug/L	UJ			170	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	7421-93-4	Endrin aldehyde	0.0269	ug/L	UJ			170	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	53494-70-5	Endrin ketone	0.0215	ug/L	UJ			170	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	58-89-9	gamma-BHC (Lindane)	0.0215	ug/L	UJ			100	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	5103-74-2	gamma-Chlordane	0.0269	ug/L	UJ			0.45	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	76-44-8	Heptachlor	0.0215	ug/L	UJ			1.8	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	1024-57-3	Heptachlor epoxide	0.0215	ug/L	UJ			3.2	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	72-43-5	Methoxychlor	0.0539	ug/L	UJ			37	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	27304-13-8	Oxychlordane	0.0102	ug/L	UJ				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8081B	8001-35-2	Toxaphene	1.08	ug/L	UJ			18	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	630-20-6	1,1,1,2-Tetrachloroethane	0.2	ug/L	U			36	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	79-34-5	1,1,2,2-Tetrachloroethane	0.2	ug/L	U			30	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	79-00-5	1,1,2-Trichloroethane	0.2	ug/L	U			44	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	75-34-3	1,1-Dichloroethane	0.2	ug/L	U			55	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	96-18-4	1,2,3-Trichloropropane	0.2	ug/L	U			200	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	95-63-6	1,2,4-Trimethylbenzene	0.2	ug/L	U			2400	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	96-12-8	1,2-Dibromo-3-Chloropropane	0.5	ug/L	U			0.34	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	106-93-4	1,2-Dibromoethane (EDB)	0.2	ug/L	U			1.5	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	107-06-2	1,2-Dichloroethane	0.3	ug/L	U			18	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	78-87-5	1,2-Dichloropropane	0.3	ug/L	U			52	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	106-46-7	1,4-Dichlorobenzene	0.2	ug/L	U			25	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	594-20-7	2,2-Dichloropropane	0.2	ug/L	U			52	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	71-43-2	Benzene	0.2	ug/L	U			12	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	74-97-5	Bromochloromethane	0.2	ug/L	U			450	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	75-27-4	Bromodichloromethane	0.2	ug/L	U			6.9	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	75-15-0	Carbon disulfide	0.5	ug/L	U			8200	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	56-23-5	Carbon tetrachloride	0.2	ug/L	U			3.1	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	67-66-3	Chloroform	0.3	ug/L	U			5.9	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	156-59-2	cis-1,2-Dichloroethene	0.3	ug/L	U			1800	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	10061-01-5	cis-1,3-Dichloropropene	0.2	ug/L	U			40	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	124-48-1	Dibromochloromethane	0.2	ug/L	U			610	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	74-95-3	Dibromomethane	0.2	ug/L	U			950	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	87-68-3	Hexachlorobutadiene	0.2	ug/L	U			3.3	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	98-82-8	Isopropylbenzene	0.2	ug/L	U			9100	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	103-65-1	n-Propylbenzene	0.2	ug/L	U			22000	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	127-18-4	Tetrachloroethene	0.39	ug/L	J			130	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	10061-02-6	trans-1,3-Dichloropropene	0.2	ug/L	U			21	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	79-01-6	Trichloroethene	0.2	ug/L	U			7.4	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8260B/D	75-01-4	Vinyl chloride	0.5	ug/L	U			3.3	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D	1319-77-3	3 & 4-Methylphenol	0.527	ug/L	U			370	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D	91-94-1	3,3'-Dichlorobenzidine	10.5	ug/L	U			0.17	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D	100-02-7	4-Nitrophenol	5.27	ug/L	U			5800	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D	92-87-5	Benzidine	42.2	ug/L	U			17	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D	111-44-4	Bis (2-chloroethyl) ether	0.527	ug/L	U			140	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D	85-68-7	Butyl benzylphthalate	0.527	ug/L	U			16	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D	86-74-8	Carbazole	0.527	ug/L	U			7.9	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D	132-64-9	Dibenzofuran	0.316	ug/L	U			7.9	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D	84-74-2	Di-n-butylphthalate	6.33	ug/L	U			900	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D	117-84-0	Di-n-octylphthalate	5.27	ug/L	U			200	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D	118-74-1	Hexachlorobenzene	0.527	ug/L	U			1.3	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D	62-75-9	N-Nitrosodimethylamine	0.527	ug/L	U			25	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D	621-64-7	N-Nitrosodi-n-propylamine	1.05	ug/L	U			370	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D	108-95-2	Phenol	0.527	ug/L	U			5800	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D SIM	91-57-6	2-Methylnaphthalene	0.042	ug/L	U			36	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D SIM	83-32-9	Acenaphthene	0.042	ug/L	U			510	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D SIM	208-96-8	Acenaphthylene	0.042	ug/L	U			20	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D SIM	120-12-7	Anthracene	0.042	ug/L	U			1800	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D SIM	56-55-3	Benzo(a)anthracene	0.084	ug/L	U			2300	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D SIM	50-32-8	Benzo(a)pyrene	0.063	ug/L	U			0.025	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D SIM	205-99-2	Benzo(b)fluoranthene	0.063	ug/L	U			0.25	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D SIM	191-24-2	Benzo(g,h,i)perylene	0.084	ug/L	U			120	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D SIM	207-08-9	Benzo(k)fluoranthene	0.084	ug/L	U			2.5	

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D SIM	117-81-7	Bis (2-ethylhexyl) phthalate	1.05	ug/L	U			5.6	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D SIM	218-01-9	Chrysene	0.126	ug/L	U			25	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D SIM	53-70-3	Dibenzo(a,h)anthracene	0.126	ug/L	U			0.025	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D SIM	206-44-0	Fluoranthene	0.084	ug/L	U			800	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D SIM	86-73-7	Fluorene	0.042	ug/L	U			280	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D SIM	193-39-5	Indeno(1,2,3-c,d)pyrene	0.084	ug/L	U			0.25	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D SIM	91-20-3	Naphthalene	0.084	ug/L	U			20	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D SIM	85-01-8	Phenanthrene	0.126	ug/L	U			1800	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	SW8270D SIM	129-00-0	Pyrene	0.063	ug/L	U			110	
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.213066	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.861	ug/L	U				
MW-15	723601.683	7834147.685	4/5/2022	12 - 22	WG	N	22D0298-02	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.462	ug/L	U				
SA-01-TCLP	723643.428	7834038.564	8/23/2021	0 - 0	SO	N	SA-01-TCLP	SW6020A	7440-38-2	Arsenic	5	ug/L	U				
SA-01-TCLP	723643.428	7834038.564	8/23/2021	0 - 0	SO	N	SA-01-TCLP	SW6020A	7440-39-3	Barium	138	ug/L					
SA-01-TCLP	723643.428	7834038.564	8/23/2021	0 - 0	SO	N	SA-01-TCLP	SW6020A	7440-43-9	Cadmium	2.95	ug/L					
SA-01-TCLP	723643.428	7834038.564	8/23/2021	0 - 0	SO	N	SA-01-TCLP	SW6020A	7440-47-3	Chromium	10	ug/L	U				
SA-01-TCLP	723643.428	7834038.564	8/23/2021	0 - 0	SO	N	SA-01-TCLP	SW6020A	7439-92-1	Lead	49600	ug/L					
SA-01-TCLP	723643.428	7834038.564	8/23/2021	0 - 0	SO	N	SA-01-TCLP	SW6020A	7782-49-2	Selenium	10	ug/L	U				
SA-01-TCLP	723643.428	7834038.564	8/23/2021	0 - 0	SO	N	SA-01-TCLP	SW6020A	7440-22-4	Silver	1	ug/L	U				
SA-01-TCLP	723643.428	7834038.564	8/23/2021	0 - 0	SO	N	SA-01-TCLP	SW7470A	7439-97-6	Mercury	0.4	ug/L	U				
SA-02-TCLP	723626.944	7834196.227	8/24/2021	0 - 0	SO	N	SA-2-TCLP	SW6020A	7440-38-2	Arsenic	4.15	ug/L	J				
SA-02-TCLP	723626.944	7834196.227	8/24/2021	0 - 0	SO	N	SA-2-TCLP	SW6020A	7440-39-3	Barium	157	ug/L					
SA-02-TCLP	723626.944	7834196.227	8/24/2021	0 - 0	SO	N	SA-2-TCLP	SW6020A	7440-43-9	Cadmium	4.13	ug/L					
SA-02-TCLP	723626.944	7834196.227	8/24/2021	0 - 0	SO	N	SA-2-TCLP	SW6020A	7440-47-3	Chromium	12.5	ug/L	J				
SA-02-TCLP	723626.944	7834196.227	8/24/2021	0 - 0	SO	N	SA-2-TCLP	SW6020A	7439-92-1	Lead	471	ug/L					
SA-02-TCLP	723626.944	7834196.227	8/24/2021	0 - 0	SO	N	SA-2-TCLP	SW6020A	7782-49-2	Selenium	10	ug/L	U				
SA-02-TCLP	723626.944	7834196.227	8/24/2021	0 - 0	SO	N	SA-2-TCLP	SW6020A	7440-22-4	Silver	1	ug/L	U				
SA-02-TCLP	723626.944	7834196.227	8/24/2021	0 - 0	SO	N	SA-2-TCLP	SW7470A	7439-97-6	Mercury	0.4	ug/L	U				
SA-03-TCLP	723622.167	7834288.158	8/24/2021	0 - 0	SO	N	SA-3-TCLP	SW6020A	7440-38-2	Arsenic	3.98	ug/L	J				
SA-03-TCLP	723622.167	7834288.158	8/24/2021	0 - 0	SO	N	SA-3-TCLP	SW6020A	7440-39-3	Barium	217	ug/L					
SA-03-TCLP	723622.167	7834288.158	8/24/2021	0 - 0	SO	N	SA-3-TCLP	SW6020A	7440-43-9	Cadmium	15.2	ug/L					
SA-03-TCLP	723622.167	7834288.158	8/24/2021	0 - 0	SO	N	SA-3-TCLP	SW6020A	7440-47-3	Chromium	16.5	ug/L	J				
SA-03-TCLP	723622.167	7834288.158	8/24/2021	0 - 0	SO	N	SA-3-TCLP	SW6020A	7439-92-1	Lead	254	ug/L					
SA-03-TCLP	723622.167	7834288.158	8/24/2021	0 - 0	SO	N	SA-3-TCLP	SW6020A	7782-49-2	Selenium	10	ug/L	U				
SA-03-TCLP	723622.167	7834288.158	8/24/2021	0 - 0	SO	N	SA-3-TCLP	SW6020A	7440-22-4	Silver	5.13	ug/L					
SA-03-TCLP	723622.167	7834288.158	8/24/2021	0 - 0	SO	N	SA-3-TCLP	SW7470A	7439-97-6	Mercury	0.4	ug/L	U				
SA-04-TCLP	723582.437	7834016.303	8/24/2021	0 - 0	SO	N	SA-4-TCLP	SW6020A	7440-38-2	Arsenic	6.1	ug/L	J				
SA-04-TCLP	723582.437	7834016.303	8/24/2021	0 - 0	SO	N	SA-4-TCLP	SW6020A	7440-39-3	Barium	170	ug/L					
SA-04-TCLP	723582.437	7834016.303	8/24/2021	0 - 0	SO	N	SA-4-TCLP	SW6020A	7440-43-9	Cadmium	7.54	ug/L					
SA-04-TCLP	723582.437	7834016.303	8/24/2021	0 - 0	SO	N	SA-4-TCLP	SW6020A	7440-47-3	Chromium	13.1	ug/L	J				
SA-04-TCLP	723582.437	7834016.303	8/24/2021	0 - 0	SO	N	SA-4-TCLP	SW6020A	7439-92-1	Lead	194	ug/L					
SA-04-TCLP	723582.437	7834016.303	8/24/2021	0 - 0	SO	N	SA-4-TCLP	SW6020A	7782-49-2	Selenium	10	ug/L	U				
SA-04-TCLP	723582.437	7834016.303	8/24/2021	0 - 0	SO	N	SA-4-TCLP	SW6020A	7440-22-4	Silver	0.673	ug/L	J				
SA-04-TCLP	723582.437	7834016.303	8/24/2021	0 - 0	SO	N	SA-4-TCLP	SW7470A	7439-97-6	Mercury	0.4	ug/L	U				
SA-05-TCLP	723581.553	7834173.959	8/24/2021	0 - 0	SO	N	SA-5-TCLP	SW6020A	7440-38-2	Arsenic	4.72	ug/L	J				
SA-05-TCLP	723581.553	7834173.959	8/24/2021	0 - 0	SO	N	SA-5-TCLP	SW6020A	7440-39-3	Barium	28.3	ug/L					
SA-05-TCLP	723581.553	7834173.959	8/24/2021	0 - 0	SO	N	SA-5-TCLP	SW6020A	7440-43-9	Cadmium	1.56	ug/L	J				
SA-05-TCLP	723581.553	7834173.959	8/24/2021	0 - 0	SO	N	SA-5-TCLP	SW6020A	7440-47-3	Chromium	7.99	ug/L	J				
SA-05-TCLP	723581.553	7834173.959	8/24/2021	0 - 0	SO	N	SA-5-TCLP	SW6020A	7439-92-1	Lead	44.4	ug/L					
SA-05-TCLP	723581.553	7834173.959	8/24/2021	0 - 0	SO	N	SA-5-TCLP	SW6020A	7782-49-2	Selenium	10	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-05-TCLP	723581.553	7834173.959	8/24/2021	0 - 0	SO	N	SA-5-TCLP	SW6020A	7440-22-4	Silver	0.527	ug/L	J				
SA-05-TCLP	723581.553	7834173.959	8/24/2021	0 - 0	SO	N	SA-5-TCLP	SW7470A	7439-97-6	Mercury	0.4	ug/L	U				
SA-06-TCLP	723581.72	7834272.658	8/24/2021	0 - 0	SO	N	SA-6-TCLP	SW6020A	7440-38-2	Arsenic	4.16	ug/L	J				
SA-06-TCLP	723581.72	7834272.658	8/24/2021	0 - 0	SO	N	SA-6-TCLP	SW6020A	7440-39-3	Barium	248	ug/L					
SA-06-TCLP	723581.72	7834272.658	8/24/2021	0 - 0	SO	N	SA-6-TCLP	SW6020A	7440-43-9	Cadmium	13.1	ug/L					
SA-06-TCLP	723581.72	7834272.658	8/24/2021	0 - 0	SO	N	SA-6-TCLP	SW6020A	7440-47-3	Chromium	10.1	ug/L	J				
SA-06-TCLP	723581.72	7834272.658	8/24/2021	0 - 0	SO	N	SA-6-TCLP	SW6020A	7439-92-1	Lead	789	ug/L					
SA-06-TCLP	723581.72	7834272.658	8/24/2021	0 - 0	SO	N	SA-6-TCLP	SW6020A	7782-49-2	Selenium	10	ug/L	U				
SA-06-TCLP	723581.72	7834272.658	8/24/2021	0 - 0	SO	N	SA-6-TCLP	SW6020A	7440-22-4	Silver	1	ug/L	U				
SA-06-TCLP	723581.72	7834272.658	8/24/2021	0 - 0	SO	N	SA-6-TCLP	SW7470A	7439-97-6	Mercury	0.4	ug/L	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0008	mg/kg		0.0073	0.23		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	2051-60-7	PCB-1	0.0000007	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	33146-45-1	PCB-10	0.0000054	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	39485-83-1	PCB-100	0.0000022	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	37680-73-2	PCB-101	0.000009	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	68194-06-9	PCB-102	0.0000022	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	60145-21-3	PCB-103	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	56558-16-8	PCB-104	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	32598-14-4	PCB-105	0.0000046	mg/kg		0.0043	0.12		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	70424-69-0	PCB-106	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	70424-68-9	PCB-107	0.00000081	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	70362-41-3	PCB-108	0.0000058	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74472-35-8	PCB-109	0.00000092	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	2050-67-1	PCB-11	0.000022	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	38380-03-9	PCB-110	0.000011	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	39635-32-0	PCB-111	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74472-36-9	PCB-112	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	68194-10-5	PCB-113	0.000009	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74472-37-0	PCB-114	0.00000028	mg/kg	J	0.003	0.12		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74472-38-1	PCB-115	0.000011	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	18259-05-7	PCB-116	0.0000023	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	68194-11-6	PCB-117	0.0000023	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	31508-00-6	PCB-118	0.0000093	mg/kg		0.0022	0.12		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	56558-17-9	PCB-119	0.0000058	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	2974-92-7	PCB-12	0.000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	68194-12-7	PCB-120	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	56558-18-0	PCB-121	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	76842-07-4	PCB-122	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	65510-44-3	PCB-123	0.00000041	mg/kg	J	0.003	0.12		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	70424-70-3	PCB-124	0.00000081	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74472-39-2	PCB-125	0.0000058	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	57465-28-8	PCB-126	0.00000045	mg/kg	J	0.00000087	0.000035		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	39635-33-1	PCB-127	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	38380-07-3	PCB-128	0.0000049	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	55215-18-4	PCB-129	0.000034	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	2974-90-5	PCB-13	0.000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52663-66-8	PCB-130	0.0000018	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	61798-70-7	PCB-131	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	38380-05-1	PCB-132	0.0000039	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	35694-04-3	PCB-133	0.00000043	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52704-70-8	PCB-134	0.0000022	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52744-13-5	PCB-135	0.0000045	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	38411-22-2	PCB-136	0.00000099	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	35694-06-5	PCB-137	0.0000012	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	35065-28-2	PCB-138	0.000034	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	56030-56-9	PCB-139	0.0000022	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	34883-41-5	PCB-14	0.0000054	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	59291-64-4	PCB-140	0.0000022	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52712-04-6	PCB-141	0.0000063	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	41411-61-4	PCB-142	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	68194-15-0	PCB-143	0.0000022	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	68194-14-9	PCB-144	0.00000055	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74472-40-5	PCB-145	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	51908-16-8	PCB-146	0.0000043	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	68194-13-8	PCB-147	0.000014	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74472-41-6	PCB-148	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	38380-04-0	PCB-149	0.000014	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	2050-68-2	PCB-15	0.0000054	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	68194-08-1	PCB-150	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52663-63-5	PCB-151	0.0000045	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	68194-09-2	PCB-152	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	35065-27-1	PCB-153	0.000028	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	60145-22-4	PCB-154	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	33979-03-2	PCB-155	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	38380-08-4	PCB-156	0.0000052	mg/kg		0.0014	0.12		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	69782-90-7	PCB-157	0.0000052	mg/kg		0.0014	0.12		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74472-42-7	PCB-158	0.0000028	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	39635-35-3	PCB-159	0.00000043	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	38444-78-9	PCB-16	0.0000022	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	41411-62-5	PCB-160	0.0000022	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74472-43-8	PCB-161	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	39635-34-2	PCB-162	0.00000027	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74472-44-9	PCB-163	0.000034	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74472-45-0	PCB-164	0.0000023	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74472-46-1	PCB-165	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	41411-63-6	PCB-166	0.0000049	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52663-72-6	PCB-167	0.0000023	mg/kg					
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	59291-65-5	PCB-168	0.000028	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	32774-16-6	PCB-169	0.00000026	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	37680-66-3	PCB-17	0.0000022	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	35065-30-6	PCB-170	0.000014	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52663-71-5	PCB-171	0.0000027	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52663-74-8	PCB-172	0.0000031	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	68194-16-1	PCB-173	0.0000027	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	38411-25-5	PCB-174	0.00001	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	40186-70-7	PCB-175	0.00000031	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52663-65-7	PCB-176	0.00000052	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52663-70-4	PCB-177	0.000007	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52663-67-9	PCB-178	0.0000024	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52663-64-6	PCB-179	0.0000028	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	37680-65-2	PCB-18	0.0000043	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	35065-29-3	PCB-180	0.000034	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74472-47-2	PCB-181	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	60145-23-5	PCB-182	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52663-69-1	PCB-183	0.0000061	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74472-48-3	PCB-184	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52712-05-7	PCB-185	0.00000095	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74472-49-4	PCB-186	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52663-68-0	PCB-187	0.000017	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74487-85-7	PCB-188	0.00000027	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	39635-31-9	PCB-189	0.00000083	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	38444-73-4	PCB-19	0.0000022	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	41411-64-7	PCB-190	0.0000027	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74472-50-7	PCB-191	0.00000048	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74472-51-8	PCB-192	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	69782-91-8	PCB-193	0.000034	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	35694-08-7	PCB-194	0.000014	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52663-78-2	PCB-195	0.0000046	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	42740-50-1	PCB-196	0.0000031	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	33091-17-7	PCB-197	0.00000015	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	68194-17-2	PCB-198	0.000012	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52663-75-9	PCB-199	0.000012	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	2051-61-8	PCB-2	0.0000012	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	38444-84-7	PCB-20	0.0000017	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52663-73-7	PCB-200	0.00000085	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	40186-71-8	PCB-201	0.00000097	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	2136-99-4	PCB-202	0.0000051	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52663-76-0	PCB-203	0.0000078	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74472-52-9	PCB-204	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74472-53-0	PCB-205	0.00000072	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	40186-72-9	PCB-206	0.0000099	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52663-79-3	PCB-207	0.0000011	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52663-77-1	PCB-208	0.0000035	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	2051-24-3	PCB-209	0.0000035	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	55702-46-0	PCB-21	0.0000014	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	38444-85-8	PCB-22	0.00000073	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	55720-44-0	PCB-23	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	55702-45-9	PCB-24	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	55712-37-3	PCB-25	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	38444-81-4	PCB-26	0.0000022	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	38444-76-7	PCB-27	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	7012-37-5	PCB-28	0.0000017	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	15862-07-4	PCB-29	0.0000022	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	2051-62-9	PCB-3	0.0000047	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	35693-92-6	PCB-30	0.0000043	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	16606-02-3	PCB-31	0.0000016	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	38444-77-8	PCB-32	0.0000022	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	38444-86-9	PCB-33	0.0000014	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	37680-68-5	PCB-34	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	37680-69-6	PCB-35	0.0000011	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	38444-87-0	PCB-36	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	38444-90-5	PCB-37	0.00000083	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	53555-66-1	PCB-38	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	38444-88-1	PCB-39	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	13029-08-8	PCB-4	0.0000054	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	38444-93-8	PCB-40	0.00000032	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52663-59-9	PCB-41	0.0000022	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	36559-22-5	PCB-42	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	70362-46-8	PCB-43	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	41464-39-5	PCB-44	0.0000027	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	70362-45-7	PCB-45	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	41464-47-5	PCB-46	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	2437-79-8	PCB-47	0.0000027	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	70362-47-9	PCB-48	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	41464-40-8	PCB-49	0.00000093	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	16605-91-7	PCB-5	0.0000054	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	62796-65-0	PCB-50	0.0000022	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	68194-04-7	PCB-51	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	35693-99-3	PCB-52	0.0000021	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	41464-41-9	PCB-53	0.0000022	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	15968-05-5	PCB-54	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74338-24-2	PCB-55	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	41464-43-1	PCB-56	0.00000068	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	70424-67-8	PCB-57	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	41464-49-7	PCB-58	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74472-33-6	PCB-59	0.0000033	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	25569-80-6	PCB-6	0.0000054	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	33025-41-1	PCB-60	0.0000004	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	33284-53-6	PCB-61	0.0000035	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	54230-22-7	PCB-62	0.0000033	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74472-34-7	PCB-63	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52663-58-8	PCB-64	0.00000051	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	33284-54-7	PCB-65	0.0000027	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	32598-10-0	PCB-66	0.0000013	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	73575-53-8	PCB-67	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	73575-52-7	PCB-68	0.00000031	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	60233-24-1	PCB-69	0.00000093	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	33284-50-3	PCB-7	0.0000054	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	32598-11-1	PCB-70	0.0000035	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	41464-46-4	PCB-71	0.00000032	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	41464-42-0	PCB-72	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	74338-23-1	PCB-73	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	32690-93-0	PCB-74	0.0000035	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	32598-12-2	PCB-75	0.0000033	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	70362-48-0	PCB-76	0.0000035	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	32598-13-3	PCB-77	0.00000054	mg/kg	J	0.000017	0.036		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	70362-49-1	PCB-78	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	41464-48-6	PCB-79	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	34883-43-7	PCB-8	0.0000054	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	33284-52-5	PCB-80	0.0000011	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	70362-50-4	PCB-81	0.0000011	mg/kg	U	0.00015	0.012		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52663-62-4	PCB-82	0.00000062	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	60145-20-2	PCB-83	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52663-60-2	PCB-84	0.0000014	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	65510-45-4	PCB-85	0.0000023	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	55312-69-1	PCB-86	0.0000058	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	38380-02-8	PCB-87	0.0000058	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	55215-17-3	PCB-88	0.0000008	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	73575-57-2	PCB-89	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	34883-39-1	PCB-9	0.0000054	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	68194-07-0	PCB-90	0.000009	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	68194-05-8	PCB-91	0.0000008	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	52663-61-3	PCB-92	0.0000019	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	73575-56-1	PCB-93	0.0000022	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	73575-55-0	PCB-94	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	38379-99-6	PCB-95	0.0000043	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	73575-54-9	PCB-96	0.0000011	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	41464-51-1	PCB-97	0.0000058	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	60233-25-2	PCB-98	0.0000022	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	1668C	38380-01-7	PCB-99	0.000005	mg/kg	J				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	Organotins	1002-53-5	Dibutyltin	0.039	mg/kg	U	1.8	1.8		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	Organotins	78763-54-9	Monobutyltin	0.058	mg/kg	U	2.2	2.2		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	Organotins	1461-25-2	Tetrabutyltin	0.092	mg/kg	U	2.2	2.2		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	Organotins	688-73-3	Tributyltin	0.046	mg/kg	U	2.2	2.2		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW6010C	7429-90-5	Aluminum	13800	mg/kg		50	7392		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW6010C	7440-38-2	Arsenic	1.05	mg/kg	U	0.43	0.43		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW6010C	7440-39-3	Barium	154	mg/kg		330	1440		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW6010C	7440-41-7	Beryllium	1.05	mg/kg	U	15	15		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW6010C	7440-43-9	Cadmium	0.0526	mg/kg	U	0.36	0.68		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW6010C	7440-70-2	Calcium	4380	mg/kg					
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW6010C	7440-47-3	Chromium	23	mg/kg		0.29	0.29		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW6010C	7440-48-4	Cobalt	10.5	mg/kg		2.2	2.2		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW6010C	7440-50-8	Copper	24.8	mg/kg		28	298		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW6010C	7439-89-6	Iron	23000	mg/kg		5280	5280		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW6010C	7439-92-1	Lead	8.3	mg/kg		11	192		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW6010C	7439-95-4	Magnesium	4040	mg/kg					
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW6010C	7439-96-5	Manganese	175	mg/kg		173	173		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW6010C	7440-02-0	Nickel	14	mg/kg		38	134		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW6010C	7440-09-7	Potassium	794	mg/kg					
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW6010C	7440-23-5	Sodium	238	mg/kg					
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW6010C	7440-28-0	Thallium	1.05	mg/kg	U	0.05	0.075		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW6010C	7440-62-2	Vanadium	64.2	mg/kg		7.8	37		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW6010C	7440-66-6	Zinc	40.3	mg/kg		46	2208		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW6020B	7440-36-0	Antimony	0.2	mg/kg	J	0.27	3		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW6020B	7782-49-2	Selenium	2.7	mg/kg		0.52	37		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW6020B	7440-22-4	Silver	0.025	mg/kg	J	4.2	37		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW7471B	7439-97-6	Mercury	0.0334	mg/kg		0.013	1.1		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8081B	53-19-0	2,4-DDD	0.00211	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8081B	3424-82-6	2,4-DDE	0.00211	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8081B	789-02-6	2,4-DDT	0.00211	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8081B	72-54-8	4,4'-DDD	0.00422	mg/kg	U	0.021	2.2		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8081B	72-55-9	4,4'-DDE	0.00211	mg/kg	U	0.021	1.8		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8081B	50-29-3	4,4'-DDT	0.00422	mg/kg	U	0.021	1.8		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8081B	309-00-2	Aldrin	0.00211	mg/kg	U	0.000085	0.031		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00211	mg/kg	U	0.27	1.7		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8081B	60-57-1	Dieldrin	0.00211	mg/kg	U	0.0049	0.033		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8081B	959-98-8	Endosulfan I	0.00211	mg/kg	U	0.64	45		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8081B	33213-65-9	Endosulfan II	0.00211	mg/kg	U	0.64	45		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00422	mg/kg	U	0.64	36		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8081B	72-20-8	Endrin	0.00211	mg/kg	U	0.0014	1.8		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00422	mg/kg	U	0.0014	1.8		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8081B	53494-70-5	Endrin ketone	0.00422	mg/kg	U	0.0014	1.8		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00211	mg/kg	U	0.0096	0.49		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00422	mg/kg	U	0.27	1.7		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8081B	76-44-8	Heptachlor	0.00422	mg/kg	U	0.0016	0.11		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00422	mg/kg	U	0.00015	0.055		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8081B	72-43-5	Methoxychlor	0.00422	mg/kg	U	5.1	31		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8081B	27304-13-8	Oxychlordane	0.00211	mg/kg	U				
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8082A	12674-11-2	Aroclor-1016	0.0016	mg/kg	U	0.041	0.1		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8082A	11104-28-2	Aroclor-1221	0.0011	mg/kg	U	0.041	0.19		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8082A	11141-16-5	Aroclor-1232	0.0011	mg/kg	U	0.041	0.16		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8082A	53469-21-9	Aroclor-1242	0.0011	mg/kg	U	0.041	0.22		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8082A	12672-29-6	Aroclor-1248	0.00064	mg/kg	U	0.041	0.22		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8082A	11097-69-1	Aroclor-1254	0.0011	mg/kg	U	0.029	0.029		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8082A	11096-82-5	Aroclor-1260	0.0016	mg/kg	U	0.041	0.23		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0158	mg/kg	U	23	23		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	83-32-9	Acenaphthene	0.0105	mg/kg	U	29	346		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	208-96-8	Acenaphthylene	0.0105	mg/kg	U	1.9	1.9		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	120-12-7	Anthracene	0.0158	mg/kg	U	29	1728		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.00595	mg/kg	J	1.1	1.1		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.00806	mg/kg	J	0.11	0.11		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.021	mg/kg	U	1.1	1.1		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.021	mg/kg	U	1.1	173		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.021	mg/kg	U	1.1	11		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.126	mg/kg	U	0.02	37		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.0315	mg/kg	U	90	278		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	86-74-8	Carbazole	0.0105	mg/kg	U	7.5	7.5		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	218-01-9	Chrysene	0.0105	mg/kg	U	1.1	106		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0158	mg/kg	U	0.1056	0.11		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	132-64-9	Dibenzofuran	0.0158	mg/kg	U	6.1	7.5		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0315	mg/kg	U	0.011	605		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	206-44-0	Fluoranthene	0.00841	mg/kg	J	1.1	230		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	86-73-7	Fluorene	0.0105	mg/kg	U	29	230		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.021	mg/kg	U	1.1	1.1		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	91-20-3	Naphthalene	0.021	mg/kg	U	1.9	1.9		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	85-01-8	Phenanthrene	0.0158	mg/kg	U	29	1728		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	108-95-2	Phenol	0.021	mg/kg	U	0.79	1824		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	SW8270D	129-00-0	Pyrene	0.00666	mg/kg	J	1.1	173		
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0106	mg/kg					
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.0727	mg/kg		1.1			

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-07-SB	723361.605	7834087.399	8/20/2021	0 - 0	SO	N	SA-07-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.09781	mg/kg		29			
SA-07-TCLP	723556.358	7834234.903	8/24/2021	0 - 0	SO	N	SA-7-TCLP	SW6020A	7440-38-2	Arsenic	4.71	ug/L	J				
SA-07-TCLP	723556.358	7834234.903	8/24/2021	0 - 0	SO	N	SA-7-TCLP	SW6020A	7440-39-3	Barium	180	ug/L					
SA-07-TCLP	723556.358	7834234.903	8/24/2021	0 - 0	SO	N	SA-7-TCLP	SW6020A	7440-43-9	Cadmium	1.41	ug/L	J				
SA-07-TCLP	723556.358	7834234.903	8/24/2021	0 - 0	SO	N	SA-7-TCLP	SW6020A	7440-47-3	Chromium	8.56	ug/L	J				
SA-07-TCLP	723556.358	7834234.903	8/24/2021	0 - 0	SO	N	SA-7-TCLP	SW6020A	7439-92-1	Lead	238	ug/L					
SA-07-TCLP	723556.358	7834234.903	8/24/2021	0 - 0	SO	N	SA-7-TCLP	SW6020A	7782-49-2	Selenium	10	ug/L	U				
SA-07-TCLP	723556.358	7834234.903	8/24/2021	0 - 0	SO	N	SA-7-TCLP	SW6020A	7440-22-4	Silver	1	ug/L	U				
SA-07-TCLP	723556.358	7834234.903	8/24/2021	0 - 0	SO	N	SA-7-TCLP	SW7470A	7439-97-6	Mercury	0.4	ug/L	U				
SA-08-TCLP	723526.705	7834204.958	8/24/2021	0 - 0	SO	N	SA-8-TCLP	SW6020A	7440-38-2	Arsenic	9.05	ug/L	J				
SA-08-TCLP	723526.705	7834204.958	8/24/2021	0 - 0	SO	N	SA-8-TCLP	SW6020A	7440-39-3	Barium	218	ug/L					
SA-08-TCLP	723526.705	7834204.958	8/24/2021	0 - 0	SO	N	SA-8-TCLP	SW6020A	7440-43-9	Cadmium	8.2	ug/L					
SA-08-TCLP	723526.705	7834204.958	8/24/2021	0 - 0	SO	N	SA-8-TCLP	SW6020A	7440-47-3	Chromium	22	ug/L	J				
SA-08-TCLP	723526.705	7834204.958	8/24/2021	0 - 0	SO	N	SA-8-TCLP	SW6020A	7439-92-1	Lead	1310	ug/L					
SA-08-TCLP	723526.705	7834204.958	8/24/2021	0 - 0	SO	N	SA-8-TCLP	SW6020A	7782-49-2	Selenium	5.83	ug/L	J				
SA-08-TCLP	723526.705	7834204.958	8/24/2021	0 - 0	SO	N	SA-8-TCLP	SW6020A	7440-22-4	Silver	0.767	ug/L	J				
SA-08-TCLP	723526.705	7834204.958	8/24/2021	0 - 0	SO	N	SA-8-TCLP	SW7470A	7439-97-6	Mercury	0.4	ug/L	U				
SA-09-TCLP	723525.284	7834261.99	8/24/2021	0 - 0	SO	N	SA-9-TCLP	SW6020A	7440-38-2	Arsenic	6.68	ug/L	J				
SA-09-TCLP	723525.284	7834261.99	8/24/2021	0 - 0	SO	N	SA-9-TCLP	SW6020A	7440-39-3	Barium	288	ug/L					
SA-09-TCLP	723525.284	7834261.99	8/24/2021	0 - 0	SO	N	SA-9-TCLP	SW6020A	7440-43-9	Cadmium	2.37	ug/L	J				
SA-09-TCLP	723525.284	7834261.99	8/24/2021	0 - 0	SO	N	SA-9-TCLP	SW6020A	7440-47-3	Chromium	17.2	ug/L	J				
SA-09-TCLP	723525.284	7834261.99	8/24/2021	0 - 0	SO	N	SA-9-TCLP	SW6020A	7439-92-1	Lead	123	ug/L					
SA-09-TCLP	723525.284	7834261.99	8/24/2021	0 - 0	SO	N	SA-9-TCLP	SW6020A	7782-49-2	Selenium	10	ug/L	U				
SA-09-TCLP	723525.284	7834261.99	8/24/2021	0 - 0	SO	N	SA-9-TCLP	SW6020A	7440-22-4	Silver	1	ug/L	U				
SA-09-TCLP	723525.284	7834261.99	8/24/2021	0 - 0	SO	N	SA-9-TCLP	SW7470A	7439-97-6	Mercury	0.4	ug/L	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0062	mg/kg		0.0073	0.23		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	2051-60-7	PCB-1	0.0000022	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	33146-45-1	PCB-10	0.0000054	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	39485-83-1	PCB-100	0.0000022	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	37680-73-2	PCB-101	0.000068	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	68194-06-9	PCB-102	0.0000022	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	60145-21-3	PCB-103	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	56558-16-8	PCB-104	0.000000088	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	32598-14-4	PCB-105	0.00003	mg/kg		0.0043	0.12		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	70424-69-0	PCB-106	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	70424-68-9	PCB-107	0.0000082	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	70362-41-3	PCB-108	0.00004	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74472-35-8	PCB-109	0.0000093	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	2050-67-1	PCB-11	0.000022	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	38380-03-9	PCB-110	0.000086	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	39635-32-0	PCB-111	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74472-36-9	PCB-112	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	68194-10-5	PCB-113	0.000068	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74472-37-0	PCB-114	0.0000014	mg/kg	J	0.003	0.12		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74472-38-1	PCB-115	0.000086	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	18259-05-7	PCB-116	0.000018	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	68194-11-6	PCB-117	0.000018	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	31508-00-6	PCB-118	0.000065	mg/kg		0.0022	0.12		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	56558-17-9	PCB-119	0.00004	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	2974-92-7	PCB-12	0.000011	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	68194-12-7	PCB-120	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	56558-18-0	PCB-121	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	76842-07-4	PCB-122	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	65510-44-3	PCB-123	0.0000027	mg/kg		0.003	0.12		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	70424-70-3	PCB-124	0.0000082	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74472-39-2	PCB-125	0.00004	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	57465-28-8	PCB-126	0.0000026	mg/kg		0.00000087	0.000035		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	39635-33-1	PCB-127	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	38380-07-3	PCB-128	0.00005	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	55215-18-4	PCB-129	0.00035	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	2974-90-5	PCB-13	0.000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52663-66-8	PCB-130	0.000017	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	61798-70-7	PCB-131	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	38380-05-1	PCB-132	0.000041	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	35694-04-3	PCB-133	0.0000045	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52704-70-8	PCB-134	0.0000042	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52744-13-5	PCB-135	0.000064	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	38411-22-2	PCB-136	0.00001	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	35694-06-5	PCB-137	0.0000075	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	35065-28-2	PCB-138	0.00035	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	56030-56-9	PCB-139	0.0000015	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	34883-41-5	PCB-14	0.0000054	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	59291-64-4	PCB-140	0.0000015	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52712-04-6	PCB-141	0.000059	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	41411-61-4	PCB-142	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	68194-15-0	PCB-143	0.0000042	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	68194-14-9	PCB-144	0.0000066	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74472-40-5	PCB-145	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	51908-16-8	PCB-146	0.000047	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	68194-13-8	PCB-147	0.00014	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74472-41-6	PCB-148	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	38380-04-0	PCB-149	0.00014	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	2050-68-2	PCB-15	0.0000054	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	68194-08-1	PCB-150	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52663-63-5	PCB-151	0.000064	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	68194-09-2	PCB-152	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	35065-27-1	PCB-153	0.00029	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	60145-22-4	PCB-154	0.0000012	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	33979-03-2	PCB-155	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	38380-08-4	PCB-156	0.000038	mg/kg		0.0014	0.12		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	69782-90-7	PCB-157	0.000038	mg/kg		0.0014	0.12		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74472-42-7	PCB-158	0.000028	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	39635-35-3	PCB-159	0.0000066	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	38444-78-9	PCB-16	0.0000015	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	41411-62-5	PCB-160	0.0000022	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74472-43-8	PCB-161	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	39635-34-2	PCB-162	0.0000015	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74472-44-9	PCB-163	0.00035	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74472-45-0	PCB-164	0.000029	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74472-46-1	PCB-165	0.0000011	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	41411-63-6	PCB-166	0.00005	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52663-72-6	PCB-167	0.00002	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	59291-65-5	PCB-168	0.00029	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	32774-16-6	PCB-169	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	37680-66-3	PCB-17	0.0000013	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	35065-30-6	PCB-170	0.00018	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52663-71-5	PCB-171	0.000044	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52663-74-8	PCB-172	0.000042	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	68194-16-1	PCB-173	0.000044	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	38411-25-5	PCB-174	0.00016	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	40186-70-7	PCB-175	0.0000046	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52663-65-7	PCB-176	0.0000098	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52663-70-4	PCB-177	0.0001	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52663-67-9	PCB-178	0.000042	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52663-64-6	PCB-179	0.000042	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	37680-65-2	PCB-18	0.000002	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	35065-29-3	PCB-180	0.00038	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74472-47-2	PCB-181	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	60145-23-5	PCB-182	0.0000011	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52663-69-1	PCB-183	0.000068	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74472-48-3	PCB-184	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52712-05-7	PCB-185	0.000023	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74472-49-4	PCB-186	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52663-68-0	PCB-187	0.00019	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74487-85-7	PCB-188	0.00000036	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	39635-31-9	PCB-189	0.0000075	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	38444-73-4	PCB-19	0.0000022	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	41411-64-7	PCB-190	0.000048	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74472-50-7	PCB-191	0.0000067	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74472-51-8	PCB-192	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	69782-91-8	PCB-193	0.00038	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	35694-08-7	PCB-194	0.000086	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52663-78-2	PCB-195	0.000039	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	42740-50-1	PCB-196	0.000044	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	33091-17-7	PCB-197	0.0000025	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	68194-17-2	PCB-198	0.00013	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52663-75-9	PCB-199	0.00013	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	2051-61-8	PCB-2	0.0000022	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	38444-84-7	PCB-20	0.0000047	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52663-73-7	PCB-200	0.000016	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	40186-71-8	PCB-201	0.00001	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	2136-99-4	PCB-202	0.00003	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52663-76-0	PCB-203	0.000075	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74472-52-9	PCB-204	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74472-53-0	PCB-205	0.0000062	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	40186-72-9	PCB-206	0.000061	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52663-79-3	PCB-207	0.0000061	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52663-77-1	PCB-208	0.000019	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	2051-24-3	PCB-209	0.000011	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	55702-46-0	PCB-21	0.0000035	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	38444-85-8	PCB-22	0.0000019	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	55720-44-0	PCB-23	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	55702-45-9	PCB-24	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	55712-37-3	PCB-25	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	38444-81-4	PCB-26	0.00000071	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	38444-76-7	PCB-27	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	7012-37-5	PCB-28	0.0000047	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	15862-07-4	PCB-29	0.00000071	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	2051-62-9	PCB-3	0.0000077	mg/kg	J+				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	35693-92-6	PCB-30	0.000002	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	16606-02-3	PCB-31	0.000004	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	38444-77-8	PCB-32	0.00000087	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	38444-86-9	PCB-33	0.0000035	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	37680-68-5	PCB-34	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	37680-69-6	PCB-35	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	38444-87-0	PCB-36	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	38444-90-5	PCB-37	0.0000041	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	53555-66-1	PCB-38	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	38444-88-1	PCB-39	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	13029-08-8	PCB-4	0.0000054	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	38444-93-8	PCB-40	0.0000024	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52663-59-9	PCB-41	0.0000022	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	36559-22-5	PCB-42	0.0000011	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	70362-46-8	PCB-43	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	41464-39-5	PCB-44	0.0000082	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	70362-45-7	PCB-45	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	41464-47-5	PCB-46	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	2437-79-8	PCB-47	0.0000082	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	70362-47-9	PCB-48	0.00000082	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	41464-40-8	PCB-49	0.0000046	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	16605-91-7	PCB-5	0.0000054	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	62796-65-0	PCB-50	0.00000057	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	68194-04-7	PCB-51	0.00000065	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	35693-99-3	PCB-52	0.000015	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	41464-41-9	PCB-53	0.00000057	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	15968-05-5	PCB-54	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74338-24-2	PCB-55	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	41464-43-1	PCB-56	0.000004	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	70424-67-8	PCB-57	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	41464-49-7	PCB-58	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74472-33-6	PCB-59	0.00000056	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	25569-80-6	PCB-6	0.0000054	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	33025-41-1	PCB-60	0.0000024	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	33284-53-6	PCB-61	0.00002	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	54230-22-7	PCB-62	0.00000056	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74472-34-7	PCB-63	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52663-58-8	PCB-64	0.000003	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	33284-54-7	PCB-65	0.0000082	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	32598-10-0	PCB-66	0.0000078	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	73575-53-8	PCB-67	0.0000011	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	73575-52-7	PCB-68	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	60233-24-1	PCB-69	0.0000046	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	33284-50-3	PCB-7	0.0000054	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	32598-11-1	PCB-70	0.00002	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	41464-46-4	PCB-71	0.0000024	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	41464-42-0	PCB-72	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	74338-23-1	PCB-73	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	32690-93-0	PCB-74	0.00002	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	32598-12-2	PCB-75	0.00000056	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	70362-48-0	PCB-76	0.00002	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	32598-13-3	PCB-77	0.0000027	mg/kg		0.000017	0.036		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	70362-49-1	PCB-78	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	41464-48-6	PCB-79	0.0000017	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	34883-43-7	PCB-8	0.0000054	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	33284-52-5	PCB-80	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	70362-50-4	PCB-81	0.0000011	mg/kg	U	0.00015	0.012		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52663-62-4	PCB-82	0.0000053	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	60145-20-2	PCB-83	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52663-60-2	PCB-84	0.00001	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	65510-45-4	PCB-85	0.000018	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	55312-69-1	PCB-86	0.00004	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	38380-02-8	PCB-87	0.00004	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	55215-17-3	PCB-88	0.0000056	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	73575-57-2	PCB-89	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	34883-39-1	PCB-9	0.0000054	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	68194-07-0	PCB-90	0.000068	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	68194-05-8	PCB-91	0.0000056	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	52663-61-3	PCB-92	0.000014	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	73575-56-1	PCB-93	0.0000022	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	73575-55-0	PCB-94	0.0000011	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	38379-99-6	PCB-95	0.000037	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	73575-54-9	PCB-96	0.00000017	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	41464-51-1	PCB-97	0.00004	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	60233-25-2	PCB-98	0.0000022	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	1668C	38380-01-7	PCB-99	0.000033	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	Organotins	1002-53-5	Dibutyltin	0.041	mg/kg	U	1.8	1.8		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	Organotins	78763-54-9	Monobutyltin	0.06	mg/kg	U	2.2	2.2		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	Organotins	1461-25-2	Tetrabutyltin	0.096	mg/kg	U	2.2	2.2		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	Organotins	688-73-3	Tributyltin	0.048	mg/kg	U	2.2	2.2		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW6010C	7429-90-5	Aluminum	18800	mg/kg		50	7392		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW6010C	7440-38-2	Arsenic	1.1	mg/kg	U	0.43	0.43		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW6010C	7440-39-3	Barium	114	mg/kg		330	1440		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW6010C	7440-41-7	Beryllium	0.208	mg/kg	J	15	15		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW6010C	7440-43-9	Cadmium	0.0548	mg/kg	U	0.36	0.68		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW6010C	7440-70-2	Calcium	6220	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW6010C	7440-47-3	Chromium	25	mg/kg		0.29	0.29		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW6010C	7440-48-4	Cobalt	12.3	mg/kg		2.2	2.2		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW6010C	7440-50-8	Copper	26.3	mg/kg		28	298		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW6010C	7439-89-6	Iron	26800	mg/kg		5280	5280		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW6010C	7439-92-1	Lead	110	mg/kg		11	192		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW6010C	7439-95-4	Magnesium	7090	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW6010C	7439-96-5	Manganese	341	mg/kg		173	173		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW6010C	7440-02-0	Nickel	17	mg/kg		38	134		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW6010C	7440-09-7	Potassium	1240	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW6010C	7440-23-5	Sodium	340	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW6010C	7440-28-0	Thallium	1.1	mg/kg	U	0.05	0.075		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW6010C	7440-62-2	Vanadium	58.5	mg/kg		7.8	37		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW6010C	7440-66-6	Zinc	51.4	mg/kg		46	2208		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW6020B	7440-36-0	Antimony	0.33	mg/kg	J	0.27	3		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW6020B	7782-49-2	Selenium	3.1	mg/kg		0.52	37		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW6020B	7440-22-4	Silver	0.049	mg/kg	J	4.2	37		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW7471B	7439-97-6	Mercury	0.059	mg/kg		0.013	1.1		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8081B	53-19-0	2,4-DDD	0.00219	mg/kg	J				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8081B	3424-82-6	2,4-DDE	0.00202	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8081B	789-02-6	2,4-DDT	0.00202	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8081B	72-54-8	4,4'-DDD	0.00404	mg/kg	U	0.021	2.2		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8081B	72-55-9	4,4'-DDE	0.00202	mg/kg	U	0.021	1.8		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8081B	50-29-3	4,4'-DDT	0.00404	mg/kg	U	0.021	1.8		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8081B	309-00-2	Aldrin	0.00202	mg/kg	U	0.000085	0.031		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00202	mg/kg	U	0.27	1.7		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8081B	60-57-1	Dieldrin	0.00202	mg/kg	U	0.0049	0.033		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8081B	959-98-8	Endosulfan I	0.00202	mg/kg	U	0.64	45		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8081B	33213-65-9	Endosulfan II	0.00202	mg/kg	U	0.64	45		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00404	mg/kg	U	0.64	36		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8081B	72-20-8	Endrin	0.00202	mg/kg	U	0.0014	1.8		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00404	mg/kg	U	0.0014	1.8		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8081B	53494-70-5	Endrin ketone	0.00404	mg/kg	U	0.0014	1.8		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00202	mg/kg	U	0.0096	0.49		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00404	mg/kg	U	0.27	1.7		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8081B	76-44-8	Heptachlor	0.00404	mg/kg	U	0.0016	0.11		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00404	mg/kg	U	0.00015	0.055		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8081B	72-43-5	Methoxychlor	0.00404	mg/kg	U	5.1	31		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8081B	27304-13-8	Oxychlordane	0.00202	mg/kg	U				
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8082A	12674-11-2	Aroclor-1016	0.0016	mg/kg	U	0.041	0.1		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8082A	11104-28-2	Aroclor-1221	0.0011	mg/kg	U	0.041	0.19		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8082A	11141-16-5	Aroclor-1232	0.0011	mg/kg	U	0.041	0.16		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8082A	53469-21-9	Aroclor-1242	0.0011	mg/kg	U	0.041	0.22		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8082A	12672-29-6	Aroclor-1248	0.00065	mg/kg	U	0.041	0.22		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8082A	11097-69-1	Aroclor-1254	0.0011	mg/kg	U	0.029	0.029		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8082A	11096-82-5	Aroclor-1260	0.0033	mg/kg		0.041	0.23		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0159	mg/kg	U	23	23		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	83-32-9	Acenaphthene	0.00885	mg/kg	J	29	346		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	208-96-8	Acenaphthylene	0.0106	mg/kg	U	1.9	1.9		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	120-12-7	Anthracene	0.0177	mg/kg	J	29	1728		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.13	mg/kg		1.1	1.1		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.138	mg/kg		0.11	0.11		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.205	mg/kg		1.1	1.1		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.0963	mg/kg		1.1	173		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0679	mg/kg		1.1	11		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.363	mg/kg		0.02	37		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.0318	mg/kg	U	90	278		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	86-74-8	Carbazole	0.018	mg/kg	J	7.5	7.5		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	218-01-9	Chrysene	0.157	mg/kg		1.1	106		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0368	mg/kg		0.1056	0.11		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	132-64-9	Dibenzofuran	0.0159	mg/kg	U	6.1	7.5		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0127	mg/kg	J	0.011	605		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	206-44-0	Fluoranthene	0.236	mg/kg		1.1	230		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	86-73-7	Fluorene	0.0092	mg/kg	J	29	230		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.112	mg/kg		1.1	1.1		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	91-20-3	Naphthalene	0.0212	mg/kg	U	1.9	1.9		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	85-01-8	Phenanthrene	0.104	mg/kg		29	1728		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	108-95-2	Phenol	0.0212	mg/kg	U	0.79	1824		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	SW8270D	129-00-0	Pyrene	0.207	mg/kg		1.1	173		
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.2203	mg/kg					
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	1.386	mg/kg		1.1			
SA-10-SB	723494.914	7834268.727	8/26/2021	0 - 0	SO	N	SA-10-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.3953	mg/kg		29			
SA-10-TCLP	723465.576	7834206.646	8/24/2021	0 - 0	SO	N	SA-10-TCLP	SW6020A	7440-38-2	Arsenic	4.34	ug/L	J				
SA-10-TCLP	723465.576	7834206.646	8/24/2021	0 - 0	SO	N	SA-10-TCLP	SW6020A	7440-39-3	Barium	168	ug/L					
SA-10-TCLP	723465.576	7834206.646	8/24/2021	0 - 0	SO	N	SA-10-TCLP	SW6020A	7440-43-9	Cadmium	0.957	ug/L	J				
SA-10-TCLP	723465.576	7834206.646	8/24/2021	0 - 0	SO	N	SA-10-TCLP	SW6020A	7440-47-3	Chromium	7.54	ug/L	J				
SA-10-TCLP	723465.576	7834206.646	8/24/2021	0 - 0	SO	N	SA-10-TCLP	SW6020A	7439-92-1	Lead	22.9	ug/L	J				
SA-10-TCLP	723465.576	7834206.646	8/24/2021	0 - 0	SO	N	SA-10-TCLP	SW6020A	7782-49-2	Selenium	10	ug/L	U				
SA-10-TCLP	723465.576	7834206.646	8/24/2021	0 - 0	SO	N	SA-10-TCLP	SW6020A	7440-22-4	Silver	1	ug/L	U				
SA-10-TCLP	723465.576	7834206.646	8/24/2021	0 - 0	SO	N	SA-10-TCLP	SW7470A	7439-97-6	Mercury	0.4	ug/L	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0009	mg/kg		0.0073	0.23		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	2051-60-7	PCB-1	0.0000023	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	33146-45-1	PCB-10	0.0000058	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	39485-83-1	PCB-100	0.0000023	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	37680-73-2	PCB-101	0.0000054	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	68194-06-9	PCB-102	0.0000023	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	60145-21-3	PCB-103	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	56558-16-8	PCB-104	0.00000072	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	32598-14-4	PCB-105	0.0000049	mg/kg		0.0043	0.12		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	70424-69-0	PCB-106	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	70424-68-9	PCB-107	0.00000071	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	70362-41-3	PCB-108	0.0000029	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74472-35-8	PCB-109	0.00000068	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	2050-67-1	PCB-11	0.000023	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	38380-03-9	PCB-110	0.0000075	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	39635-32-0	PCB-111	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74472-36-9	PCB-112	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	68194-10-5	PCB-113	0.0000054	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74472-37-0	PCB-114	0.00000039	mg/kg	J	0.003	0.12		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74472-38-1	PCB-115	0.0000075	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	18259-05-7	PCB-116	0.0000018	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	68194-11-6	PCB-117	0.0000018	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	31508-00-6	PCB-118	0.0000097	mg/kg		0.0022	0.12		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	56558-17-9	PCB-119	0.0000029	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	2974-92-7	PCB-12	0.000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	68194-12-7	PCB-120	0.0000012	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	56558-18-0	PCB-121	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	76842-07-4	PCB-122	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	65510-44-3	PCB-123	0.00000064	mg/kg	J	0.003	0.12		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	70424-70-3	PCB-124	0.00000071	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74472-39-2	PCB-125	0.0000029	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	57465-28-8	PCB-126	0.0000012	mg/kg	U	0.00000087	0.000035		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	39635-33-1	PCB-127	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	38380-07-3	PCB-128	0.000007	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	55215-18-4	PCB-129	0.000041	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	2974-90-5	PCB-13	0.000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52663-66-8	PCB-130	0.0000017	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	61798-70-7	PCB-131	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	38380-05-1	PCB-132	0.0000044	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	35694-04-3	PCB-133	0.00000048	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52704-70-8	PCB-134	0.0000023	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52744-13-5	PCB-135	0.0000066	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	38411-22-2	PCB-136	0.0000011	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	35694-06-5	PCB-137	0.0000014	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	35065-28-2	PCB-138	0.000041	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	56030-56-9	PCB-139	0.0000023	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	34883-41-5	PCB-14	0.0000058	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	59291-64-4	PCB-140	0.0000023	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52712-04-6	PCB-141	0.0000049	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	41411-61-4	PCB-142	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	68194-15-0	PCB-143	0.0000023	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	68194-14-9	PCB-144	0.00000043	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74472-40-5	PCB-145	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	51908-16-8	PCB-146	0.0000044	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	68194-13-8	PCB-147	0.000015	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74472-41-6	PCB-148	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	38380-04-0	PCB-149	0.000015	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	2050-68-2	PCB-15	0.0000058	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	68194-08-1	PCB-150	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52663-63-5	PCB-151	0.0000066	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	68194-09-2	PCB-152	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	35065-27-1	PCB-153	0.00003	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	60145-22-4	PCB-154	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	33979-03-2	PCB-155	0.00000055	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	38380-08-4	PCB-156	0.0000038	mg/kg	J	0.0014	0.12		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	69782-90-7	PCB-157	0.0000038	mg/kg	J	0.0014	0.12		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74472-42-7	PCB-158	0.0000028	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	39635-35-3	PCB-159	0.00000045	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	38444-78-9	PCB-16	0.0000023	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	41411-62-5	PCB-160	0.0000023	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74472-43-8	PCB-161	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	39635-34-2	PCB-162	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74472-44-9	PCB-163	0.000041	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74472-45-0	PCB-164	0.0000028	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74472-46-1	PCB-165	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	41411-63-6	PCB-166	0.000007	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52663-72-6	PCB-167	0.0000018	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	59291-65-5	PCB-168	0.00003	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	32774-16-6	PCB-169	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	37680-66-3	PCB-17	0.0000023	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	35065-30-6	PCB-170	0.000016	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52663-71-5	PCB-171	0.000003	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52663-74-8	PCB-172	0.0000034	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	68194-16-1	PCB-173	0.000003	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	38411-25-5	PCB-174	0.000013	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	40186-70-7	PCB-175	0.00000048	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52663-65-7	PCB-176	0.00000085	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52663-70-4	PCB-177	0.000008	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52663-67-9	PCB-178	0.0000046	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52663-64-6	PCB-179	0.000005	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	37680-65-2	PCB-18	0.0000046	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	35065-29-3	PCB-180	0.000038	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74472-47-2	PCB-181	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	60145-23-5	PCB-182	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52663-69-1	PCB-183	0.0000064	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74472-48-3	PCB-184	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52712-05-7	PCB-185	0.0000014	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74472-49-4	PCB-186	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52663-68-0	PCB-187	0.000025	mg/kg					
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74487-85-7	PCB-188	0.00000034	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	39635-31-9	PCB-189	0.000000074	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	38444-73-4	PCB-19	0.00000091	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	41411-64-7	PCB-190	0.0000033	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74472-50-7	PCB-191	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74472-51-8	PCB-192	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	69782-91-8	PCB-193	0.000038	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	35694-08-7	PCB-194	0.000011	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52663-78-2	PCB-195	0.0000037	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	42740-50-1	PCB-196	0.0000057	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	33091-17-7	PCB-197	0.00000027	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	68194-17-2	PCB-198	0.000022	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52663-75-9	PCB-199	0.000022	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	2051-61-8	PCB-2	0.0000023	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	38444-84-7	PCB-20	0.00000057	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52663-73-7	PCB-200	0.0000021	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	40186-71-8	PCB-201	0.0000017	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	2136-99-4	PCB-202	0.0000049	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52663-76-0	PCB-203	0.000013	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74472-52-9	PCB-204	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74472-53-0	PCB-205	0.00000059	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	40186-72-9	PCB-206	0.000016	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52663-79-3	PCB-207	0.0000013	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52663-77-1	PCB-208	0.0000051	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	2051-24-3	PCB-209	0.0000055	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	55702-46-0	PCB-21	0.00000042	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	38444-85-8	PCB-22	0.0000023	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	55720-44-0	PCB-23	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	55702-45-9	PCB-24	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	55712-37-3	PCB-25	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	38444-81-4	PCB-26	0.0000023	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	38444-76-7	PCB-27	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	7012-37-5	PCB-28	0.00000057	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	15862-07-4	PCB-29	0.0000023	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	2051-62-9	PCB-3	0.0000099	mg/kg	J+				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	35693-92-6	PCB-30	0.0000046	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	16606-02-3	PCB-31	0.00000048	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	38444-77-8	PCB-32	0.0000023	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	38444-86-9	PCB-33	0.00000042	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	37680-68-5	PCB-34	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	37680-69-6	PCB-35	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	38444-87-0	PCB-36	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	38444-90-5	PCB-37	0.00000088	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	53555-66-1	PCB-38	0.00000067	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	38444-88-1	PCB-39	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	13029-08-8	PCB-4	0.0000058	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	38444-93-8	PCB-40	0.0000023	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52663-59-9	PCB-41	0.0000023	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	36559-22-5	PCB-42	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	70362-46-8	PCB-43	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	41464-39-5	PCB-44	0.0000099	mg/kg	J+				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	70362-45-7	PCB-45	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	41464-47-5	PCB-46	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	2437-79-8	PCB-47	0.0000099	mg/kg	J+				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	70362-47-9	PCB-48	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	41464-40-8	PCB-49	0.00000046	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	16605-91-7	PCB-5	0.0000058	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	62796-65-0	PCB-50	0.0000023	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	68194-04-7	PCB-51	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	35693-99-3	PCB-52	0.00000081	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	41464-41-9	PCB-53	0.0000023	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	15968-05-5	PCB-54	0.00000086	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74338-24-2	PCB-55	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	41464-43-1	PCB-56	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	70424-67-8	PCB-57	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	41464-49-7	PCB-58	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74472-33-6	PCB-59	0.0000035	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	25569-80-6	PCB-6	0.0000058	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	33025-41-1	PCB-60	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	33284-53-6	PCB-61	0.00000098	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	54230-22-7	PCB-62	0.0000035	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74472-34-7	PCB-63	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52663-58-8	PCB-64	0.0000003	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	33284-54-7	PCB-65	0.0000099	mg/kg	J+				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	32598-10-0	PCB-66	0.0000005	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	73575-53-8	PCB-67	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	73575-52-7	PCB-68	0.0000012	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	60233-24-1	PCB-69	0.00000046	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	33284-50-3	PCB-7	0.0000058	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	32598-11-1	PCB-70	0.00000098	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	41464-46-4	PCB-71	0.0000023	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	41464-42-0	PCB-72	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	74338-23-1	PCB-73	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	32690-93-0	PCB-74	0.00000098	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	32598-12-2	PCB-75	0.0000035	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	70362-48-0	PCB-76	0.00000098	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	32598-13-3	PCB-77	0.00000049	mg/kg	J	0.000017	0.036		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	70362-49-1	PCB-78	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	41464-48-6	PCB-79	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	34883-43-7	PCB-8	0.0000058	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	33284-52-5	PCB-80	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	70362-50-4	PCB-81	0.0000012	mg/kg	U	0.00015	0.012		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52663-62-4	PCB-82	0.00000027	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	60145-20-2	PCB-83	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52663-60-2	PCB-84	0.00000046	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	65510-45-4	PCB-85	0.0000018	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	55312-69-1	PCB-86	0.0000029	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	38380-02-8	PCB-87	0.0000029	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	55215-17-3	PCB-88	0.00000063	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	73575-57-2	PCB-89	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	34883-39-1	PCB-9	0.0000058	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	68194-07-0	PCB-90	0.0000054	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	68194-05-8	PCB-91	0.00000063	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	52663-61-3	PCB-92	0.000001	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	73575-56-1	PCB-93	0.0000023	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	73575-55-0	PCB-94	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	38379-99-6	PCB-95	0.0000022	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	73575-54-9	PCB-96	0.0000012	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	41464-51-1	PCB-97	0.0000029	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	60233-25-2	PCB-98	0.0000023	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	1668C	38380-01-7	PCB-99	0.0000036	mg/kg	J				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	Organotins	1002-53-5	Dibutyltin	0.046	mg/kg	U	1.8	1.8		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	Organotins	78763-54-9	Monobutyltin	0.068	mg/kg	U	2.2	2.2		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	Organotins	1461-25-2	Tetrabutyltin	0.11	mg/kg	U	2.2	2.2		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	Organotins	688-73-3	Tributyltin	0.054	mg/kg	U	2.2	2.2		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW6010C	7429-90-5	Aluminum	39400	mg/kg		50	7392		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW6010C	7440-38-2	Arsenic	1.13	mg/kg	U	0.43	0.43		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW6010C	7440-39-3	Barium	125	mg/kg		330	1440		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW6010C	7440-41-7	Beryllium	1.13	mg/kg	U	15	15		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW6010C	7440-43-9	Cadmium	0.0563	mg/kg	U	0.36	0.68		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW6010C	7440-70-2	Calcium	10900	mg/kg					
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW6010C	7440-47-3	Chromium	33.7	mg/kg		0.29	0.29		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW6010C	7440-48-4	Cobalt	18.6	mg/kg		2.2	2.2		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW6010C	7440-50-8	Copper	63.7	mg/kg		28	298		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW6010C	7439-89-6	Iron	40700	mg/kg		5280	5280		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW6010C	7439-92-1	Lead	14.1	mg/kg		11	192		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW6010C	7439-95-4	Magnesium	14100	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW6010C	7439-96-5	Manganese	799	mg/kg		173	173		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW6010C	7440-02-0	Nickel	21.9	mg/kg		38	134		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW6010C	7440-09-7	Potassium	749	mg/kg					
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW6010C	7440-23-5	Sodium	317	mg/kg					
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW6010C	7440-28-0	Thallium	1.13	mg/kg	U	0.05	0.075		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW6010C	7440-62-2	Vanadium	89	mg/kg		7.8	37		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW6010C	7440-66-6	Zinc	50.1	mg/kg		46	2208		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW6020B	7440-36-0	Antimony	0.17	mg/kg	J	0.27	3		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW6020B	7782-49-2	Selenium	3.4	mg/kg		0.52	37		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW6020B	7440-22-4	Silver	0.05	mg/kg	J	4.2	37		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW7471B	7439-97-6	Mercury	0.056	mg/kg		0.013	1.1		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8081B	53-19-0	2,4-DDD	0.00229	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8081B	3424-82-6	2,4-DDE	0.00229	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8081B	789-02-6	2,4-DDT	0.00229	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8081B	72-54-8	4,4'-DDD	0.00458	mg/kg	U	0.021	2.2		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8081B	72-55-9	4,4'-DDE	0.000779	mg/kg	J	0.021	1.8		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8081B	50-29-3	4,4'-DDT	0.00458	mg/kg	U	0.021	1.8		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8081B	309-00-2	Aldrin	0.00229	mg/kg	U	0.000085	0.031		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00198	mg/kg	U	0.27	1.7		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8081B	60-57-1	Dieldrin	0.00229	mg/kg	U	0.0049	0.033		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8081B	959-98-8	Endosulfan I	0.00229	mg/kg	U	0.64	45		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8081B	33213-65-9	Endosulfan II	0.00229	mg/kg	U	0.64	45		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00458	mg/kg	U	0.64	36		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8081B	72-20-8	Endrin	0.00229	mg/kg	U	0.0014	1.8		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00458	mg/kg	U	0.0014	1.8		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8081B	53494-70-5	Endrin ketone	0.00458	mg/kg	U	0.0014	1.8		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00229	mg/kg	U	0.0096	0.49		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00458	mg/kg	U	0.27	1.7		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8081B	76-44-8	Heptachlor	0.00458	mg/kg	U	0.0016	0.11		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00458	mg/kg	U	0.00015	0.055		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8081B	72-43-5	Methoxychlor	0.00458	mg/kg	U	5.1	31		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8081B	27304-13-8	Oxychlordane	0.00229	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8082A	12674-11-2	Aroclor-1016	0.0018	mg/kg	U	0.041	0.1		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8082A	11104-28-2	Aroclor-1221	0.0012	mg/kg	U	0.041	0.19		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8082A	11141-16-5	Aroclor-1232	0.0012	mg/kg	U	0.041	0.16		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8082A	53469-21-9	Aroclor-1242	0.0012	mg/kg	U	0.041	0.22		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8082A	12672-29-6	Aroclor-1248	0.00073	mg/kg	U	0.041	0.22		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8082A	11097-69-1	Aroclor-1254	0.0012	mg/kg	U	0.029	0.029		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8082A	11096-82-5	Aroclor-1260	0.0018	mg/kg	U	0.041	0.23		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.017	mg/kg	U	23	23		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	83-32-9	Acenaphthene	0.0113	mg/kg	U	29	346		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	208-96-8	Acenaphthylene	0.0113	mg/kg	U	1.9	1.9		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	120-12-7	Anthracene	0.017	mg/kg	U	29	1728		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.017	mg/kg	U	1.1	1.1		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.0453	mg/kg	U	0.11	0.11		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0226	mg/kg	U	1.1	1.1		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.0226	mg/kg	U	1.1	173		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0226	mg/kg	U	1.1	11		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.136	mg/kg	U	0.02	37		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.034	mg/kg	U	90	278		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	86-74-8	Carbazole	0.0113	mg/kg	U	7.5	7.5		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	218-01-9	Chrysene	0.0113	mg/kg	U	1.1	106		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.017	mg/kg	U	0.1056	0.11		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	132-64-9	Dibenzofuran	0.017	mg/kg	U	6.1	7.5		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.034	mg/kg	U	0.011	605		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	206-44-0	Fluoranthene	0.00755	mg/kg	J	1.1	230		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	86-73-7	Fluorene	0.0113	mg/kg	U	29	230		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0226	mg/kg	U	1.1	1.1		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	91-20-3	Naphthalene	0.0226	mg/kg	U	1.9	1.9		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	85-01-8	Phenanthrene	0.017	mg/kg	U	29	1728		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	108-95-2	Phenol	0.0226	mg/kg	U	0.79	1824		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	SW8270D	129-00-0	Pyrene	0.00679	mg/kg	J	1.1	173		
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0688	mg/kg	U				
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.1953	mg/kg		1.1			
SA-11-SB	723500.058	7834272.596	8/24/2021	0 - 0	SO	N	SA-11-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.10375	mg/kg		29			
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0727	mg/kg		0.0073	0.23		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	2051-60-7	PCB-1	0.0000056	mg/kg	J+				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	33146-45-1	PCB-10	0.0000057	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	39485-83-1	PCB-100	0.0000023	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	37680-73-2	PCB-101	0.00069	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	68194-06-9	PCB-102	0.000025	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	60145-21-3	PCB-103	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	56558-16-8	PCB-104	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	32598-14-4	PCB-105	0.00031	mg/kg		0.0043	0.12		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	70424-69-0	PCB-106	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	70424-68-9	PCB-107	0.000047	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	70362-41-3	PCB-108	0.00046	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74472-35-8	PCB-109	0.000064	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	2050-67-1	PCB-11	0.000024	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	38380-03-9	PCB-110	0.0014	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	39635-32-0	PCB-111	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74472-36-9	PCB-112	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	68194-10-5	PCB-113	0.00069	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74472-37-0	PCB-114	0.000019	mg/kg		0.003	0.12		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74472-38-1	PCB-115	0.0014	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	18259-05-7	PCB-116	0.00014	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	68194-11-6	PCB-117	0.00014	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	31508-00-6	PCB-118	0.00065	mg/kg		0.0022	0.12		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	56558-17-9	PCB-119	0.00046	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	2974-92-7	PCB-12	0.000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	68194-12-7	PCB-120	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	56558-18-0	PCB-121	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	76842-07-4	PCB-122	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	65510-44-3	PCB-123	0.000023	mg/kg		0.003	0.12		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	70424-70-3	PCB-124	0.000047	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74472-39-2	PCB-125	0.00046	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	57465-28-8	PCB-126	0.0000011	mg/kg	U	0.00000087	0.000035		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	39635-33-1	PCB-127	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	38380-07-3	PCB-128	0.00051	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	55215-18-4	PCB-129	0.0041	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	2974-90-5	PCB-13	0.000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52663-66-8	PCB-130	0.00021	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	61798-70-7	PCB-131	0.000035	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	38380-05-1	PCB-132	0.00091	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	35694-04-3	PCB-133	0.00005	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52704-70-8	PCB-134	0.00013	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52744-13-5	PCB-135	0.00093	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	38411-22-2	PCB-136	0.00027	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	35694-06-5	PCB-137	0.000085	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	35065-28-2	PCB-138	0.0041	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	56030-56-9	PCB-139	0.000039	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	34883-41-5	PCB-14	0.0000057	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	59291-64-4	PCB-140	0.000039	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52712-04-6	PCB-141	0.00074	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	41411-61-4	PCB-142	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	68194-15-0	PCB-143	0.00013	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	68194-14-9	PCB-144	0.00014	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74472-40-5	PCB-145	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	51908-16-8	PCB-146	0.00047	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	68194-13-8	PCB-147	0.0027	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74472-41-6	PCB-148	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	38380-04-0	PCB-149	0.0027	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	2050-68-2	PCB-15	0.000016	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	68194-08-1	PCB-150	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52663-63-5	PCB-151	0.00093	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	68194-09-2	PCB-152	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	35065-27-1	PCB-153	0.003	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	60145-22-4	PCB-154	0.000015	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	33979-03-2	PCB-155	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	38380-08-4	PCB-156	0.00028	mg/kg		0.0014	0.12		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	69782-90-7	PCB-157	0.00028	mg/kg		0.0014	0.12		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74472-42-7	PCB-158	0.00033	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	39635-35-3	PCB-159	0.00007	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	38444-78-9	PCB-16	0.000013	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	41411-62-5	PCB-160	0.0000023	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74472-43-8	PCB-161	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	39635-34-2	PCB-162	0.000012	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74472-44-9	PCB-163	0.0041	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74472-45-0	PCB-164	0.00034	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74472-46-1	PCB-165	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	41411-63-6	PCB-166	0.00051	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52663-72-6	PCB-167	0.00013	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	59291-65-5	PCB-168	0.003	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	32774-16-6	PCB-169	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	37680-66-3	PCB-17	0.000014	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	35065-30-6	PCB-170	0.0021	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52663-71-5	PCB-171	0.00054	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52663-74-8	PCB-172	0.00038	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	68194-16-1	PCB-173	0.00054	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	38411-25-5	PCB-174	0.002	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	40186-70-7	PCB-175	0.000095	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52663-65-7	PCB-176	0.00023	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52663-70-4	PCB-177	0.0011	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52663-67-9	PCB-178	0.00044	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52663-64-6	PCB-179	0.00064	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	37680-65-2	PCB-18	0.000024	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	35065-29-3	PCB-180	0.0044	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74472-47-2	PCB-181	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	60145-23-5	PCB-182	0.0000062	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52663-69-1	PCB-183	0.001	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74472-48-3	PCB-184	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52712-05-7	PCB-185	0.00023	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74472-49-4	PCB-186	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52663-68-0	PCB-187	0.0022	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74487-85-7	PCB-188	0.0000023	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	39635-31-9	PCB-189	0.000069	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	38444-73-4	PCB-19	0.0000042	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	41411-64-7	PCB-190	0.0004	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74472-50-7	PCB-191	0.000089	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74472-51-8	PCB-192	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	69782-91-8	PCB-193	0.0044	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	35694-08-7	PCB-194	0.00094	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52663-78-2	PCB-195	0.00036	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	42740-50-1	PCB-196	0.00063	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	33091-17-7	PCB-197	0.00004	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	68194-17-2	PCB-198	0.0013	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52663-75-9	PCB-199	0.0013	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	2051-61-8	PCB-2	0.000011	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	38444-84-7	PCB-20	0.000044	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52663-73-7	PCB-200	0.00019	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	40186-71-8	PCB-201	0.00016	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	2136-99-4	PCB-202	0.00022	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52663-76-0	PCB-203	0.00076	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74472-52-9	PCB-204	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74472-53-0	PCB-205	0.000068	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	40186-72-9	PCB-206	0.00052	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52663-79-3	PCB-207	0.00007	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52663-77-1	PCB-208	0.00016	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	2051-24-3	PCB-209	0.00026	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	55702-46-0	PCB-21	0.000024	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	38444-85-8	PCB-22	0.000015	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	55720-44-0	PCB-23	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	55702-45-9	PCB-24	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	55712-37-3	PCB-25	0.0000033	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	38444-81-4	PCB-26	0.0000074	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	38444-76-7	PCB-27	0.0000025	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	7012-37-5	PCB-28	0.000044	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	15862-07-4	PCB-29	0.0000074	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	2051-62-9	PCB-3	0.000017	mg/kg	J+				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	35693-92-6	PCB-30	0.000024	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	16606-02-3	PCB-31	0.000038	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	38444-77-8	PCB-32	0.0000023	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	38444-86-9	PCB-33	0.000024	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	37680-68-5	PCB-34	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	37680-69-6	PCB-35	0.0000042	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	38444-87-0	PCB-36	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	38444-90-5	PCB-37	0.00003	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	53555-66-1	PCB-38	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	38444-88-1	PCB-39	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	13029-08-8	PCB-4	0.0000057	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	38444-93-8	PCB-40	0.000047	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52663-59-9	PCB-41	0.00001	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	36559-22-5	PCB-42	0.000024	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	70362-46-8	PCB-43	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	41464-39-5	PCB-44	0.00011	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	70362-45-7	PCB-45	0.000015	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	41464-47-5	PCB-46	0.0000069	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	2437-79-8	PCB-47	0.00011	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	70362-47-9	PCB-48	0.000017	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	41464-40-8	PCB-49	0.000059	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	16605-91-7	PCB-5	0.0000057	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	62796-65-0	PCB-50	0.000018	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	68194-04-7	PCB-51	0.0000042	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	35693-99-3	PCB-52	0.00018	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	41464-41-9	PCB-53	0.000018	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	15968-05-5	PCB-54	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74338-24-2	PCB-55	0.000069	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	41464-43-1	PCB-56	0.000054	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	70424-67-8	PCB-57	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	41464-49-7	PCB-58	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74472-33-6	PCB-59	0.0000087	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	25569-80-6	PCB-6	0.0000057	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	33025-41-1	PCB-60	0.000029	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	33284-53-6	PCB-61	0.00021	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	54230-22-7	PCB-62	0.0000087	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74472-34-7	PCB-63	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52663-58-8	PCB-64	0.000056	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	33284-54-7	PCB-65	0.00011	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	32598-10-0	PCB-66	0.000023	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	73575-53-8	PCB-67	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	73575-52-7	PCB-68	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	60233-24-1	PCB-69	0.000059	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	33284-50-3	PCB-7	0.0000057	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	32598-11-1	PCB-70	0.00021	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	41464-46-4	PCB-71	0.000047	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	41464-42-0	PCB-72	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	74338-23-1	PCB-73	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	32690-93-0	PCB-74	0.00021	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	32598-12-2	PCB-75	0.0000087	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	70362-48-0	PCB-76	0.00021	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	32598-13-3	PCB-77	0.000032	mg/kg		0.000017	0.036		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	70362-49-1	PCB-78	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	41464-48-6	PCB-79	0.0000065	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	34883-43-7	PCB-8	0.0000057	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	33284-52-5	PCB-80	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	70362-50-4	PCB-81	0.0000011	mg/kg	U	0.00015	0.012		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52663-62-4	PCB-82	0.00011	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	60145-20-2	PCB-83	0.000081	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52663-60-2	PCB-84	0.00022	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	65510-45-4	PCB-85	0.00014	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	55312-69-1	PCB-86	0.00046	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	38380-02-8	PCB-87	0.00046	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	55215-17-3	PCB-88	0.00014	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	73575-57-2	PCB-89	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	34883-39-1	PCB-9	0.0000057	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	68194-07-0	PCB-90	0.00069	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	68194-05-8	PCB-91	0.00014	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	52663-61-3	PCB-92	0.00016	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	73575-56-1	PCB-93	0.0000023	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	73575-55-0	PCB-94	0.0000011	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	38379-99-6	PCB-95	0.00068	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	73575-54-9	PCB-96	0.0000049	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	41464-51-1	PCB-97	0.00046	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	60233-25-2	PCB-98	0.000025	mg/kg	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	1668C	38380-01-7	PCB-99	0.00028	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	Organotins	1002-53-5	Dibutyltin	0.043	mg/kg	U	1.8	1.8		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	Organotins	78763-54-9	Monobutyltin	0.063	mg/kg	U	2.2	2.2		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	Organotins	1461-25-2	Tetrabutyltin	0.1	mg/kg	U	2.2	2.2		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	Organotins	688-73-3	Tributyltin	0.05	mg/kg	U	2.2	2.2		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6010C	7429-90-5	Aluminum	7370	mg/kg		50	7392		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6010C	7440-38-2	Arsenic	1.01	mg/kg	U	0.43	0.43		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6010C	7440-39-3	Barium	72.9	mg/kg		330	1440		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6010C	7440-41-7	Beryllium	1.01	mg/kg	U	15	15		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6010C	7440-43-9	Cadmium	1.94	mg/kg	J	0.36	0.68		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6010C	7440-70-2	Calcium	2640	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6010C	7440-47-3	Chromium	1860	mg/kg		0.29	0.29		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6010C	7440-48-4	Cobalt	35.7	mg/kg		2.2	2.2		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6010C	7440-50-8	Copper	26.5	mg/kg		28	298		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6010C	7439-89-6	Iron	38900	mg/kg		5280	5280		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6010C	7439-92-1	Lead	515	mg/kg		11	192		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6010C	7439-95-4	Magnesium	50300	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6010C	7439-96-5	Manganese	677	mg/kg		173	173		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6010C	7440-02-0	Nickel	7040	mg/kg		38	134		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6010C	7440-09-7	Potassium	301	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6010C	7440-23-5	Sodium	148	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6010C	7440-28-0	Thallium	1.01	mg/kg	U	0.05	0.075		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6010C	7440-62-2	Vanadium	31.3	mg/kg		7.8	37		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6010C	7440-66-6	Zinc	240	mg/kg		46	2208		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6020A	7440-38-2	Arsenic	2.34	ug/L	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6020A	7440-39-3	Barium	253	ug/L					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6020A	7440-43-9	Cadmium	35.1	ug/L					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6020A	7440-47-3	Chromium	49.6	ug/L					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6020A	7439-92-1	Lead	662	ug/L					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6020A	7782-49-2	Selenium	10	ug/L	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6020A	7440-22-4	Silver	1.02	ug/L	J				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6020B	7440-36-0	Antimony	1.2	mg/kg		0.27	3		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6020B	7782-49-2	Selenium	1	mg/kg	J	0.52	37		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW6020B	7440-22-4	Silver	0.043	mg/kg	J	4.2	37		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW7470A	7439-97-6	Mercury	0.4	ug/L	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW7471B	7439-97-6	Mercury	0.057	mg/kg		0.013	1.1		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8081B	53-19-0	2,4-DDD	0.00665	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8081B	3424-82-6	2,4-DDE	0.00195	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8081B	789-02-6	2,4-DDT	0.00195	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8081B	72-54-8	4,4'-DDD	0.0039	mg/kg	U	0.021	2.2		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8081B	72-55-9	4,4'-DDE	0.00195	mg/kg	U	0.021	1.8		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8081B	50-29-3	4,4'-DDT	0.00366	mg/kg	U	0.021	1.8		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8081B	309-00-2	Aldrin	0.00195	mg/kg	U	0.000085	0.031		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00195	mg/kg	U	0.27	1.7		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8081B	60-57-1	Dieldrin	0.00195	mg/kg	U	0.0049	0.033		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8081B	959-98-8	Endosulfan I	0.00195	mg/kg	U	0.64	45		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8081B	33213-65-9	Endosulfan II	0.00195	mg/kg	U	0.64	45		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00275	mg/kg	U	0.64	36		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8081B	72-20-8	Endrin	0.00195	mg/kg	U	0.0014	1.8		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8081B	7421-93-4	Endrin aldehyde	0.0039	mg/kg	U	0.0014	1.8		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8081B	53494-70-5	Endrin ketone	0.0039	mg/kg	U	0.0014	1.8		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00195	mg/kg	U	0.0096	0.49		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8081B	5103-74-2	gamma-Chlordane	0.0039	mg/kg	U	0.27	1.7		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8081B	76-44-8	Heptachlor	0.0039	mg/kg	U	0.0016	0.11		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.0039	mg/kg	U	0.00015	0.055		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8081B	72-43-5	Methoxychlor	0.0039	mg/kg	U	5.1	31		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8081B	27304-13-8	Oxychlordane	0.00195	mg/kg	U				
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8082A	12674-11-2	Aroclor-1016	0.0017	mg/kg	U	0.041	0.1		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8082A	11104-28-2	Aroclor-1221	0.0012	mg/kg	U	0.041	0.19		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8082A	11141-16-5	Aroclor-1232	0.0012	mg/kg	U	0.041	0.16		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8082A	53469-21-9	Aroclor-1242	0.0012	mg/kg	U	0.041	0.22		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8082A	12672-29-6	Aroclor-1248	0.00069	mg/kg	U	0.041	0.22		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8082A	11097-69-1	Aroclor-1254	0.0012	mg/kg	U	0.029	0.029		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8082A	11096-82-5	Aroclor-1260	0.025	mg/kg		0.041	0.23		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0245	mg/kg	J	23	23		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	83-32-9	Acenaphthene	0.339	mg/kg		29	346		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	208-96-8	Acenaphthylene	0.0261	mg/kg	J	1.9	1.9		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	120-12-7	Anthracene	0.246	mg/kg		29	1728		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.924	mg/kg		1.1	1.1		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.999	mg/kg		0.11	0.11		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	1.32	mg/kg		1.1	1.1		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.668	mg/kg		1.1	173		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.481	mg/kg		1.1	11		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	19.4	mg/kg		0.02	37		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.439	mg/kg		90	278		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	86-74-8	Carbazole	0.118	mg/kg		7.5	7.5		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	218-01-9	Chrysene	1.08	mg/kg		1.1	106		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.199	mg/kg		0.1056	0.11		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	132-64-9	Dibenzofuran	0.0571	mg/kg	J	6.1	7.5		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.266	mg/kg	J	0.011	605		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	206-44-0	Fluoranthene	1.91	mg/kg		1.1	230		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	86-73-7	Fluorene	0.122	mg/kg		29	230		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.79	mg/kg		1.1	1.1		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	91-20-3	Naphthalene	0.0979	mg/kg	U	1.9	1.9		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	85-01-8	Phenanthrene	1.21	mg/kg		29	1728		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	108-95-2	Phenol	0.0979	mg/kg	U	0.79	1824		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	SW8270D	129-00-0	Pyrene	1.87	mg/kg		1.1	173		
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	1.5073	mg/kg					
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	10.241	mg/kg		1.1			
SA-12-SB	723496.717	7834220.743	8/24/2021	0 - 0	SO	N	SA-12-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	3.7809	mg/kg		29			
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0025	mg/kg		0.0073	0.23		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	2051-60-7	PCB-1	0.0000024	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	33146-45-1	PCB-10	0.0000059	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	39485-83-1	PCB-100	0.0000024	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	37680-73-2	PCB-101	0.000023	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	68194-06-9	PCB-102	0.0000024	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	60145-21-3	PCB-103	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	56558-16-8	PCB-104	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	32598-14-4	PCB-105	0.0000065	mg/kg		0.0043	0.12		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	70424-69-0	PCB-106	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	70424-68-9	PCB-107	0.0000011	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	70362-41-3	PCB-108	0.0000083	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74472-35-8	PCB-109	0.0000014	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	2050-67-1	PCB-11	0.000024	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	38380-03-9	PCB-110	0.000021	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	39635-32-0	PCB-111	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74472-36-9	PCB-112	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	68194-10-5	PCB-113	0.000023	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74472-37-0	PCB-114	0.0000012	mg/kg	U	0.003	0.12		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74472-38-1	PCB-115	0.000021	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	18259-05-7	PCB-116	0.0000021	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	68194-11-6	PCB-117	0.0000021	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	31508-00-6	PCB-118	0.000017	mg/kg		0.0022	0.12		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	56558-17-9	PCB-119	0.0000083	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	2974-92-7	PCB-12	0.000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	68194-12-7	PCB-120	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	56558-18-0	PCB-121	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	76842-07-4	PCB-122	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	65510-44-3	PCB-123	0.00000078	mg/kg	J	0.003	0.12		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	70424-70-3	PCB-124	0.0000011	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74472-39-2	PCB-125	0.0000083	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	57465-28-8	PCB-126	0.00000058	mg/kg	J	0.00000087	0.000035		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	39635-33-1	PCB-127	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	38380-07-3	PCB-128	0.000012	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	55215-18-4	PCB-129	0.00012	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	2974-90-5	PCB-13	0.000012	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52663-66-8	PCB-130	0.0000057	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	61798-70-7	PCB-131	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	38380-05-1	PCB-132	0.000024	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	35694-04-3	PCB-133	0.0000014	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52704-70-8	PCB-134	0.0000026	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52744-13-5	PCB-135	0.000035	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	38411-22-2	PCB-136	0.0000061	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	35694-06-5	PCB-137	0.0000017	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	35065-28-2	PCB-138	0.00012	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	56030-56-9	PCB-139	0.0000024	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	34883-41-5	PCB-14	0.0000059	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	59291-64-4	PCB-140	0.0000024	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52712-04-6	PCB-141	0.000035	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	41411-61-4	PCB-142	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	68194-15-0	PCB-143	0.0000026	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	68194-14-9	PCB-144	0.0000044	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74472-40-5	PCB-145	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	51908-16-8	PCB-146	0.000016	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	68194-13-8	PCB-147	0.000076	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74472-41-6	PCB-148	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	38380-04-0	PCB-149	0.000076	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	2050-68-2	PCB-15	0.0000059	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	68194-08-1	PCB-150	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52663-63-5	PCB-151	0.000035	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	68194-09-2	PCB-152	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	35065-27-1	PCB-153	0.00011	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	60145-22-4	PCB-154	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	33979-03-2	PCB-155	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	38380-08-4	PCB-156	0.00001	mg/kg		0.0014	0.12		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	69782-90-7	PCB-157	0.00001	mg/kg		0.0014	0.12		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74472-42-7	PCB-158	0.0000099	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	39635-35-3	PCB-159	0.0000031	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	38444-78-9	PCB-16	0.0000024	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	41411-62-5	PCB-160	0.0000024	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74472-43-8	PCB-161	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	39635-34-2	PCB-162	0.00000044	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74472-44-9	PCB-163	0.00012	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74472-45-0	PCB-164	0.000011	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74472-46-1	PCB-165	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	41411-63-6	PCB-166	0.000012	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52663-72-6	PCB-167	0.0000053	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	59291-65-5	PCB-168	0.00011	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	32774-16-6	PCB-169	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	37680-66-3	PCB-17	0.0000024	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	35065-30-6	PCB-170	0.000064	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52663-71-5	PCB-171	0.000019	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52663-74-8	PCB-172	0.000014	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	68194-16-1	PCB-173	0.000019	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	38411-25-5	PCB-174	0.000084	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	40186-70-7	PCB-175	0.0000024	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52663-65-7	PCB-176	0.0000068	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52663-70-4	PCB-177	0.00004	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52663-67-9	PCB-178	0.000015	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52663-64-6	PCB-179	0.000021	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	37680-65-2	PCB-18	0.0000048	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	35065-29-3	PCB-180	0.00015	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74472-47-2	PCB-181	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	60145-23-5	PCB-182	0.00000028	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52663-69-1	PCB-183	0.000038	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74472-48-3	PCB-184	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52712-05-7	PCB-185	0.00001	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74472-49-4	PCB-186	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52663-68-0	PCB-187	0.000079	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74487-85-7	PCB-188	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	39635-31-9	PCB-189	0.0000018	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	38444-73-4	PCB-19	0.0000024	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	41411-64-7	PCB-190	0.000015	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74472-50-7	PCB-191	0.0000027	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74472-51-8	PCB-192	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	69782-91-8	PCB-193	0.00015	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	35694-08-7	PCB-194	0.000045	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52663-78-2	PCB-195	0.000021	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	42740-50-1	PCB-196	0.000014	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	33091-17-7	PCB-197	0.00000093	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	68194-17-2	PCB-198	0.000032	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52663-75-9	PCB-199	0.000032	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	2051-61-8	PCB-2	0.0000024	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	38444-84-7	PCB-20	0.0000019	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52663-73-7	PCB-200	0.0000052	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	40186-71-8	PCB-201	0.000005	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	2136-99-4	PCB-202	0.000011	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52663-76-0	PCB-203	0.000019	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74472-52-9	PCB-204	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74472-53-0	PCB-205	0.0000024	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	40186-72-9	PCB-206	0.000011	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52663-79-3	PCB-207	0.0000018	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52663-77-1	PCB-208	0.0000035	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	55702-46-0	PCB-21	0.0000015	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	38444-85-8	PCB-22	0.00000073	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	55720-44-0	PCB-23	0.0000012	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	55702-45-9	PCB-24	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	55712-37-3	PCB-25	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	38444-81-4	PCB-26	0.0000024	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	38444-76-7	PCB-27	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	7012-37-5	PCB-28	0.0000019	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	15862-07-4	PCB-29	0.0000024	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	2051-62-9	PCB-3	0.0000067	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	35693-92-6	PCB-30	0.0000048	mg/kg	J+				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	16606-02-3	PCB-31	0.0000015	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	38444-77-8	PCB-32	0.0000024	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	38444-86-9	PCB-33	0.0000015	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	37680-68-5	PCB-34	0.0000012	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	37680-69-6	PCB-35	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	38444-87-0	PCB-36	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	38444-90-5	PCB-37	0.00000084	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	53555-66-1	PCB-38	0.0000012	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	38444-88-1	PCB-39	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	13029-08-8	PCB-4	0.0000059	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	38444-93-8	PCB-40	0.00000052	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52663-59-9	PCB-41	0.0000024	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	36559-22-5	PCB-42	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	70362-46-8	PCB-43	0.0000071	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	41464-39-5	PCB-44	0.0000016	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	70362-45-7	PCB-45	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	41464-47-5	PCB-46	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	2437-79-8	PCB-47	0.0000071	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	70362-47-9	PCB-48	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	41464-40-8	PCB-49	0.00000062	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	16605-91-7	PCB-5	0.0000059	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	62796-65-0	PCB-50	0.0000024	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	68194-04-7	PCB-51	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	35693-99-3	PCB-52	0.0000011	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	41464-41-9	PCB-53	0.0000024	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	15968-05-5	PCB-54	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74338-24-2	PCB-55	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	41464-43-1	PCB-56	0.0000008	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	70424-67-8	PCB-57	0.0000012	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	41464-49-7	PCB-58	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74472-33-6	PCB-59	0.0000036	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	25569-80-6	PCB-6	0.0000059	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	33025-41-1	PCB-60	0.00000052	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	33284-53-6	PCB-61	0.0000033	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	54230-22-7	PCB-62	0.0000036	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74472-34-7	PCB-63	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52663-58-8	PCB-64	0.00000049	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	33284-54-7	PCB-65	0.0000071	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	32598-10-0	PCB-66	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	73575-53-8	PCB-67	0.0000012	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	73575-52-7	PCB-68	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	60233-24-1	PCB-69	0.00000062	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	33284-50-3	PCB-7	0.0000059	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	32598-11-1	PCB-70	0.0000033	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	41464-46-4	PCB-71	0.00000052	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	41464-42-0	PCB-72	0.0000012	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	74338-23-1	PCB-73	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	32690-93-0	PCB-74	0.0000033	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	32598-12-2	PCB-75	0.0000036	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	70362-48-0	PCB-76	0.0000033	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	32598-13-3	PCB-77	0.00000055	mg/kg	J	0.000017	0.036		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	70362-49-1	PCB-78	0.0000012	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	41464-48-6	PCB-79	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	34883-43-7	PCB-8	0.0000059	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	33284-52-5	PCB-80	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	70362-50-4	PCB-81	0.0000012	mg/kg	U	0.00015	0.012		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52663-62-4	PCB-82	0.000001	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	60145-20-2	PCB-83	0.0000012	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52663-60-2	PCB-84	0.0000014	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	65510-45-4	PCB-85	0.0000021	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	55312-69-1	PCB-86	0.0000083	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	38380-02-8	PCB-87	0.0000083	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	55215-17-3	PCB-88	0.0000012	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	73575-57-2	PCB-89	0.0000012	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	34883-39-1	PCB-9	0.0000059	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	68194-07-0	PCB-90	0.000023	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	68194-05-8	PCB-91	0.0000012	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	52663-61-3	PCB-92	0.0000029	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	73575-56-1	PCB-93	0.0000024	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	73575-55-0	PCB-94	0.0000012	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	38379-99-6	PCB-95	0.00001	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	73575-54-9	PCB-96	0.0000012	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	41464-51-1	PCB-97	0.0000083	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	60233-25-2	PCB-98	0.0000024	mg/kg	J				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	1668C	38380-01-7	PCB-99	0.0000038	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	Organotins	1002-53-5	Dibutyltin	0.042	mg/kg	U	1.8	1.8		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	Organotins	78763-54-9	Monobutyltin	0.061	mg/kg	U	2.2	2.2		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	Organotins	1461-25-2	Tetrabutyltin	0.098	mg/kg	U	2.2	2.2		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	Organotins	688-73-3	Tributyltin	0.049	mg/kg	U	2.2	2.2		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW6010C	7429-90-5	Aluminum	25500	mg/kg		50	7392		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW6010C	7440-38-2	Arsenic	1.03	mg/kg	U	0.43	0.43		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW6010C	7440-39-3	Barium	107	mg/kg		330	1440		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW6010C	7440-41-7	Beryllium	1.03	mg/kg	U	15	15		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW6010C	7440-43-9	Cadmium	0.0517	mg/kg	U	0.36	0.68		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW6010C	7440-70-2	Calcium	5880	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW6010C	7440-47-3	Chromium	27.6	mg/kg		0.29	0.29		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW6010C	7440-48-4	Cobalt	14	mg/kg		2.2	2.2		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW6010C	7440-50-8	Copper	39.9	mg/kg		28	298		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW6010C	7439-89-6	Iron	30200	mg/kg		5280	5280		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW6010C	7439-92-1	Lead	11.7	mg/kg		11	192		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW6010C	7439-95-4	Magnesium	9190	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW6010C	7439-96-5	Manganese	460	mg/kg		173	173		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW6010C	7440-02-0	Nickel	20.4	mg/kg		38	134		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW6010C	7440-09-7	Potassium	829	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW6010C	7440-23-5	Sodium	231	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW6010C	7440-28-0	Thallium	1.03	mg/kg	U	0.05	0.075		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW6010C	7440-62-2	Vanadium	73.5	mg/kg		7.8	37		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW6010C	7440-66-6	Zinc	44.6	mg/kg		46	2208		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW6020B	7440-36-0	Antimony	0.2	mg/kg	J	0.27	3		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW6020B	7782-49-2	Selenium	2.3	mg/kg		0.52	37		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW6020B	7440-22-4	Silver	0.034	mg/kg	J	4.2	37		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW7471B	7439-97-6	Mercury	0.056	mg/kg		0.013	1.1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8081B	53-19-0	2,4-DDD	0.00022	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8081B	3424-82-6	2,4-DDE	0.00022	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8081B	789-02-6	2,4-DDT	0.00022	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8081B	72-54-8	4,4'-DDD	0.000081	mg/kg	U	0.021	2.2		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8081B	72-55-9	4,4'-DDE	0.000081	mg/kg	U	0.021	1.8		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8081B	50-29-3	4,4'-DDT	0.000081	mg/kg	U	0.021	1.8		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8081B	309-00-2	Aldrin	0.000081	mg/kg	U	0.000085	0.031		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00016	mg/kg	U	0.27	1.7		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8081B	60-57-1	Dieldrin	0.000081	mg/kg	U	0.0049	0.033		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8081B	959-98-8	Endosulfan I	0.000081	mg/kg	U	0.64	45		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8081B	33213-65-9	Endosulfan II	0.000081	mg/kg	U	0.64	45		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.000081	mg/kg	U	0.64	36		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8081B	72-20-8	Endrin	0.00016	mg/kg	U	0.0014	1.8		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8081B	7421-93-4	Endrin aldehyde	0.0016	mg/kg	U	0.0014	1.8		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8081B	53494-70-5	Endrin ketone	0.00016	mg/kg	U	0.0014	1.8		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00016	mg/kg	U	0.0096	0.49		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8081B	5103-74-2	gamma-Chlordane	0.000081	mg/kg	U	0.27	1.7		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8081B	76-44-8	Heptachlor	0.000043	mg/kg	U	0.0016	0.11		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.000081	mg/kg	U	0.00015	0.055		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8081B	72-43-5	Methoxychlor	0.000081	mg/kg	U	5.1	31		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8081B	27304-13-8	Oxychlordane	0.00218	mg/kg	U				
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8082A	12674-11-2	Aroclor-1016	0.0016	mg/kg	U	0.041	0.1		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8082A	11104-28-2	Aroclor-1221	0.0011	mg/kg	U	0.041	0.19		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8082A	11141-16-5	Aroclor-1232	0.0011	mg/kg	U	0.041	0.16		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8082A	53469-21-9	Aroclor-1242	0.0011	mg/kg	U	0.041	0.22		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8082A	12672-29-6	Aroclor-1248	0.00065	mg/kg	U	0.041	0.22		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8082A	11097-69-1	Aroclor-1254	0.0011	mg/kg	U	0.029	0.029		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8082A	11096-82-5	Aroclor-1260	0.0021	mg/kg	J	0.041	0.23		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0161	mg/kg	U	23	23		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	83-32-9	Acenaphthene	0.0107	mg/kg	U	29	346		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	208-96-8	Acenaphthylene	0.0107	mg/kg	U	1.9	1.9		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	120-12-7	Anthracene	0.0161	mg/kg	U	29	1728		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.00893	mg/kg	J	1.1	1.1		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.0114	mg/kg	J	0.11	0.11		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0118	mg/kg	J	1.1	1.1		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.0214	mg/kg	U	1.1	173		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.00786	mg/kg	J	1.1	11		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.0422	mg/kg	J	0.02	37		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.0322	mg/kg	U	90	278		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	86-74-8	Carbazole	0.0107	mg/kg	U	7.5	7.5		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	218-01-9	Chrysene	0.00536	mg/kg	J	1.1	106		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0161	mg/kg	U	0.1056	0.11		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	132-64-9	Dibenzofuran	0.0161	mg/kg	U	6.1	7.5		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0322	mg/kg	U	0.011	605		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	206-44-0	Fluoranthene	0.0139	mg/kg	J	1.1	230		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	86-73-7	Fluorene	0.0107	mg/kg	U	29	230		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0147	mg/kg	J	1.1	1.1		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	91-20-3	Naphthalene	0.0214	mg/kg	U	1.9	1.9		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	85-01-8	Phenanthrene	0.00786	mg/kg	J	29	1728		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	108-95-2	Phenol	0.0214	mg/kg	U	0.79	1824		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	SW8270D	129-00-0	Pyrene	0.0132	mg/kg	J	1.1	173		
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0175	mg/kg					
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.1089	mg/kg		1.1			
SA-13-SB	723478.256	7834246.302	8/24/2021	0 - 0	SO	N	SA-13-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.09676	mg/kg		29			
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0068	mg/kg		0.0073	0.23		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	2051-60-7	PCB-1	0.0000033	mg/kg	J+				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	33146-45-1	PCB-10	0.0000062	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	39485-83-1	PCB-100	0.0000025	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	37680-73-2	PCB-101	0.00014	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	68194-06-9	PCB-102	0.0000025	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	60145-21-3	PCB-103	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	56558-16-8	PCB-104	0.00000076	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	32598-14-4	PCB-105	0.0001	mg/kg		0.0043	0.12		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	70424-69-0	PCB-106	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	70424-68-9	PCB-107	0.000023	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	70362-41-3	PCB-108	0.00012	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74472-35-8	PCB-109	0.000024	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	2050-67-1	PCB-11	0.000025	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	38380-03-9	PCB-110	0.00027	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	39635-32-0	PCB-111	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74472-36-9	PCB-112	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	68194-10-5	PCB-113	0.00014	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74472-37-0	PCB-114	0.0000042	mg/kg		0.003	0.12		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74472-38-1	PCB-115	0.00027	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	18259-05-7	PCB-116	0.000058	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	68194-11-6	PCB-117	0.000058	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	31508-00-6	PCB-118	0.00022	mg/kg		0.0022	0.12		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	56558-17-9	PCB-119	0.00012	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	2974-92-7	PCB-12	0.000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	68194-12-7	PCB-120	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	56558-18-0	PCB-121	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	76842-07-4	PCB-122	0.000006	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	65510-44-3	PCB-123	0.000012	mg/kg		0.003	0.12		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	70424-70-3	PCB-124	0.000023	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74472-39-2	PCB-125	0.00012	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	57465-28-8	PCB-126	0.0000012	mg/kg	U	0.00000087	0.000035		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	39635-33-1	PCB-127	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	38380-07-3	PCB-128	0.000089	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	55215-18-4	PCB-129	0.0004	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	2974-90-5	PCB-13	0.000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52663-66-8	PCB-130	0.00003	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	61798-70-7	PCB-131	0.000002	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	38380-05-1	PCB-132	0.000067	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	35694-04-3	PCB-133	0.0000047	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52704-70-8	PCB-134	0.0000085	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52744-13-5	PCB-135	0.000054	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	38411-22-2	PCB-136	0.000012	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	35694-06-5	PCB-137	0.000025	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	35065-28-2	PCB-138	0.0004	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	56030-56-9	PCB-139	0.0000045	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	34883-41-5	PCB-14	0.0000062	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	59291-64-4	PCB-140	0.0000045	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52712-04-6	PCB-141	0.000051	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	41411-61-4	PCB-142	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	68194-15-0	PCB-143	0.0000085	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	68194-14-9	PCB-144	0.0000055	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74472-40-5	PCB-145	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	51908-16-8	PCB-146	0.000041	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	68194-13-8	PCB-147	0.00015	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74472-41-6	PCB-148	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	38380-04-0	PCB-149	0.00015	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	2050-68-2	PCB-15	0.0000062	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	68194-08-1	PCB-150	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52663-63-5	PCB-151	0.000054	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	68194-09-2	PCB-152	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	35065-27-1	PCB-153	0.00023	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	60145-22-4	PCB-154	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	33979-03-2	PCB-155	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	38380-08-4	PCB-156	0.000079	mg/kg		0.0014	0.12		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	69782-90-7	PCB-157	0.000079	mg/kg		0.0014	0.12		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74472-42-7	PCB-158	0.000036	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	39635-35-3	PCB-159	0.000003	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	38444-78-9	PCB-16	0.0000025	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	41411-62-5	PCB-160	0.0000025	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74472-43-8	PCB-161	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	39635-34-2	PCB-162	0.0000023	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74472-44-9	PCB-163	0.0004	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74472-45-0	PCB-164	0.000029	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74472-46-1	PCB-165	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	41411-63-6	PCB-166	0.000089	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52663-72-6	PCB-167	0.000029	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	59291-65-5	PCB-168	0.00023	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	32774-16-6	PCB-169	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	37680-66-3	PCB-17	0.0000025	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	35065-30-6	PCB-170	0.000091	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52663-71-5	PCB-171	0.00002	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52663-74-8	PCB-172	0.000018	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	68194-16-1	PCB-173	0.00002	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	38411-25-5	PCB-174	0.000065	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	40186-70-7	PCB-175	0.0000021	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52663-65-7	PCB-176	0.0000037	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52663-70-4	PCB-177	0.000043	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52663-67-9	PCB-178	0.000016	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52663-64-6	PCB-179	0.000015	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	37680-65-2	PCB-18	0.00000066	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	35065-29-3	PCB-180	0.00016	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74472-47-2	PCB-181	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	60145-23-5	PCB-182	0.00000061	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52663-69-1	PCB-183	0.000027	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74472-48-3	PCB-184	0.0000012	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52712-05-7	PCB-185	0.0000082	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74472-49-4	PCB-186	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52663-68-0	PCB-187	0.00008	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74487-85-7	PCB-188	0.00000044	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	39635-31-9	PCB-189	0.0000044	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	38444-73-4	PCB-19	0.0000014	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	41411-64-7	PCB-190	0.000021	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74472-50-7	PCB-191	0.0000027	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74472-51-8	PCB-192	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	69782-91-8	PCB-193	0.00016	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	35694-08-7	PCB-194	0.000039	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52663-78-2	PCB-195	0.000016	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	42740-50-1	PCB-196	0.000017	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	33091-17-7	PCB-197	0.00000096	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	68194-17-2	PCB-198	0.000059	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52663-75-9	PCB-199	0.000059	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	2051-61-8	PCB-2	0.0000025	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	38444-84-7	PCB-20	0.00000094	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52663-73-7	PCB-200	0.0000059	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	40186-71-8	PCB-201	0.0000041	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	2136-99-4	PCB-202	0.000013	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52663-76-0	PCB-203	0.000033	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74472-52-9	PCB-204	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74472-53-0	PCB-205	0.0000024	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	40186-72-9	PCB-206	0.000028	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52663-79-3	PCB-207	0.0000031	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52663-77-1	PCB-208	0.0000093	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	2051-24-3	PCB-209	0.000011	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	55702-46-0	PCB-21	0.00000063	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	38444-85-8	PCB-22	0.00000035	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	55720-44-0	PCB-23	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	55702-45-9	PCB-24	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	55712-37-3	PCB-25	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	38444-81-4	PCB-26	0.0000025	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	38444-76-7	PCB-27	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	7012-37-5	PCB-28	0.00000094	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	15862-07-4	PCB-29	0.0000025	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	2051-62-9	PCB-3	0.0000075	mg/kg	J+				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	35693-92-6	PCB-30	0.00000066	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	16606-02-3	PCB-31	0.00000084	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	38444-77-8	PCB-32	0.0000025	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	38444-86-9	PCB-33	0.00000063	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	37680-68-5	PCB-34	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	37680-69-6	PCB-35	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	38444-87-0	PCB-36	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	38444-90-5	PCB-37	0.0000014	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	53555-66-1	PCB-38	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	38444-88-1	PCB-39	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	13029-08-8	PCB-4	0.0000062	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	38444-93-8	PCB-40	0.00000066	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52663-59-9	PCB-41	0.0000025	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	36559-22-5	PCB-42	0.00000038	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	70362-46-8	PCB-43	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	41464-39-5	PCB-44	0.0000075	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	70362-45-7	PCB-45	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	41464-47-5	PCB-46	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	2437-79-8	PCB-47	0.0000075	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	70362-47-9	PCB-48	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	41464-40-8	PCB-49	0.0000051	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	16605-91-7	PCB-5	0.0000062	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	62796-65-0	PCB-50	0.0000025	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	68194-04-7	PCB-51	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	35693-99-3	PCB-52	0.000013	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	41464-41-9	PCB-53	0.0000025	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	15968-05-5	PCB-54	0.00000091	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74338-24-2	PCB-55	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	41464-43-1	PCB-56	0.0000012	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	70424-67-8	PCB-57	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	41464-49-7	PCB-58	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74472-33-6	PCB-59	0.0000037	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	25569-80-6	PCB-6	0.0000062	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	33025-41-1	PCB-60	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	33284-53-6	PCB-61	0.000017	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	54230-22-7	PCB-62	0.0000037	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74472-34-7	PCB-63	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52663-58-8	PCB-64	0.0000014	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	33284-54-7	PCB-65	0.0000075	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	32598-10-0	PCB-66	0.0000035	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	73575-53-8	PCB-67	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	73575-52-7	PCB-68	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	60233-24-1	PCB-69	0.0000051	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	33284-50-3	PCB-7	0.0000062	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	32598-11-1	PCB-70	0.000017	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	41464-46-4	PCB-71	0.00000066	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	41464-42-0	PCB-72	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	74338-23-1	PCB-73	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	32690-93-0	PCB-74	0.000017	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	32598-12-2	PCB-75	0.0000037	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	70362-48-0	PCB-76	0.000017	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	32598-13-3	PCB-77	0.00000088	mg/kg	J	0.000017	0.036		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	70362-49-1	PCB-78	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	41464-48-6	PCB-79	0.0000014	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	34883-43-7	PCB-8	0.0000062	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	33284-52-5	PCB-80	0.0000012	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	70362-50-4	PCB-81	0.0000012	mg/kg	U	0.00015	0.012		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52663-62-4	PCB-82	0.000017	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	60145-20-2	PCB-83	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52663-60-2	PCB-84	0.000016	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	65510-45-4	PCB-85	0.000058	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	55312-69-1	PCB-86	0.00012	mg/kg	J				

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	38380-02-8	PCB-87	0.00012	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	55215-17-3	PCB-88	0.00002	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	73575-57-2	PCB-89	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	34883-39-1	PCB-9	0.0000062	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	68194-07-0	PCB-90	0.00014	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	68194-05-8	PCB-91	0.00002	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	52663-61-3	PCB-92	0.000041	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	73575-56-1	PCB-93	0.0000025	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	73575-55-0	PCB-94	0.0000012	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	38379-99-6	PCB-95	0.000077	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	73575-54-9	PCB-96	0.00000015	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	41464-51-1	PCB-97	0.00012	mg/kg	J				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	60233-25-2	PCB-98	0.0000025	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	1668C	38380-01-7	PCB-99	0.0001	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	Organotins	1002-53-5	Dibutyltin	0.05	mg/kg	U	1.8	1.8		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	Organotins	78763-54-9	Monobutyltin	0.074	mg/kg	U	2.2	2.2		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	Organotins	1461-25-2	Tetrabutyltin	0.12	mg/kg	U	2.2	2.2		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	Organotins	688-73-3	Tributyltin	0.059	mg/kg	U	2.2	2.2		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW6010C	7429-90-5	Aluminum	19300	mg/kg		50	7392		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW6010C	7440-38-2	Arsenic	1.06	mg/kg	U	0.43	0.43		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW6010C	7440-39-3	Barium	132	mg/kg		330	1440		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW6010C	7440-41-7	Beryllium	1.06	mg/kg	U	15	15		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW6010C	7440-43-9	Cadmium	0.0981	mg/kg	J	0.36	0.68		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW6010C	7440-70-2	Calcium	5850	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW6010C	7440-47-3	Chromium	23.6	mg/kg		0.29	0.29		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW6010C	7440-48-4	Cobalt	11.8	mg/kg		2.2	2.2		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW6010C	7440-50-8	Copper	29.3	mg/kg		28	298		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW6010C	7439-89-6	Iron	28200	mg/kg		5280	5280		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW6010C	7439-92-1	Lead	24.4	mg/kg		11	192		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW6010C	7439-95-4	Magnesium	7520	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW6010C	7439-96-5	Manganese	427	mg/kg		173	173		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW6010C	7440-02-0	Nickel	17.8	mg/kg		38	134		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW6010C	7440-09-7	Potassium	1350	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW6010C	7440-23-5	Sodium	318	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW6010C	7440-28-0	Thallium	1.06	mg/kg	U	0.05	0.075		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW6010C	7440-62-2	Vanadium	61.1	mg/kg		7.8	37		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW6010C	7440-66-6	Zinc	69.5	mg/kg		46	2208		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW6020B	7440-36-0	Antimony	0.34	mg/kg	J	0.27	3		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW6020B	7782-49-2	Selenium	3.6	mg/kg		0.52	37		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW6020B	7440-22-4	Silver	0.05	mg/kg	J	4.2	37		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW7471B	7439-97-6	Mercury	0.055	mg/kg		0.013	1.1		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8081B	53-19-0	2,4-DDD	0.00026	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8081B	3424-82-6	2,4-DDE	0.00026	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8081B	789-02-6	2,4-DDT	0.00026	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8081B	72-54-8	4,4'-DDD	0.000096	mg/kg	U	0.021	2.2		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8081B	72-55-9	4,4'-DDE	0.000096	mg/kg	U	0.021	1.8		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8081B	50-29-3	4,4'-DDT	0.00025	mg/kg	U	0.021	1.8		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8081B	309-00-2	Aldrin	0.000096	mg/kg	U	0.000085	0.031		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00019	mg/kg	U	0.27	1.7		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8081B	60-57-1	Dieldrin	0.000096	mg/kg	U	0.0049	0.033		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8081B	959-98-8	Endosulfan I	0.000096	mg/kg	U	0.64	45		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8081B	33213-65-9	Endosulfan II	0.000096	mg/kg	U	0.64	45		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.000096	mg/kg	U	0.64	36		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8081B	72-20-8	Endrin	0.00019	mg/kg	J	0.0014	1.8		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8081B	7421-93-4	Endrin aldehyde	0.0019	mg/kg	U	0.0014	1.8		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8081B	53494-70-5	Endrin ketone	0.00019	mg/kg	U	0.0014	1.8		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00019	mg/kg	U	0.0096	0.49		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8081B	5103-74-2	gamma-Chlordane	0.000096	mg/kg	U	0.27	1.7		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8081B	76-44-8	Heptachlor	0.000051	mg/kg	U	0.0016	0.11		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.000096	mg/kg	U	0.00015	0.055		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8081B	72-43-5	Methoxychlor	0.000096	mg/kg	U	5.1	31		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8081B	27304-13-8	Oxychlordane	0.00211	mg/kg	U				
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8082A	12674-11-2	Aroclor-1016	0.0019	mg/kg	U	0.041	0.1		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8082A	11104-28-2	Aroclor-1221	0.0013	mg/kg	U	0.041	0.19		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8082A	11141-16-5	Aroclor-1232	0.0013	mg/kg	U	0.041	0.16		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8082A	53469-21-9	Aroclor-1242	0.0013	mg/kg	U	0.041	0.22		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8082A	12672-29-6	Aroclor-1248	0.00077	mg/kg	U	0.041	0.22		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8082A	11097-69-1	Aroclor-1254	0.0013	mg/kg	U	0.029	0.029		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8082A	11096-82-5	Aroclor-1260	0.0032	mg/kg		0.041	0.23		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0156	mg/kg	U	23	23		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	83-32-9	Acenaphthene	0.0104	mg/kg	U	29	346		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	208-96-8	Acenaphthylene	0.0104	mg/kg	U	1.9	1.9		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	120-12-7	Anthracene	0.0156	mg/kg	U	29	1728		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.018	mg/kg	J	1.1	1.1		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.0228	mg/kg	J	0.11	0.11		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0266	mg/kg	J	1.1	1.1		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.0187	mg/kg	J	1.1	173		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0142	mg/kg	J	1.1	11		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.246	mg/kg		0.02	37		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.066	mg/kg		90	278		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	86-74-8	Carbazole	0.00519	mg/kg	J	7.5	7.5		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	218-01-9	Chrysene	0.0142	mg/kg	J	1.1	106		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0131	mg/kg	J	0.1056	0.11		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	132-64-9	Dibenzofuran	0.0156	mg/kg	U	6.1	7.5		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0311	mg/kg	U	0.011	605		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	206-44-0	Fluoranthene	0.0277	mg/kg	J	1.1	230		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	86-73-7	Fluorene	0.0104	mg/kg	U	29	230		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0207	mg/kg	J	1.1	1.1		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	91-20-3	Naphthalene	0.0207	mg/kg	U	1.9	1.9		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	85-01-8	Phenanthrene	0.0131	mg/kg	J	29	1728		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	108-95-2	Phenol	0.0207	mg/kg	U	0.79	1824		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	SW8270D	129-00-0	Pyrene	0.0259	mg/kg	J	1.1	173		
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0426	mg/kg					
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.2019	mg/kg		1.1			
SA-14-SB	723484.472	7834261.736	8/24/2021	0 - 0	SO	N	SA-14-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.1135	mg/kg		29			
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW6010C	7429-90-5	Aluminum	23900	mg/kg		50	7392		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW6010C	7440-38-2	Arsenic	1.17	mg/kg	U	0.43	0.43		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW6010C	7440-39-3	Barium	103	mg/kg		330	1440		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW6010C	7440-41-7	Beryllium	1.17	mg/kg	U	15	15		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW6010C	7440-43-9	Cadmium	0.0585	mg/kg	U	0.36	0.68		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW6010C	7440-70-2	Calcium	5000	mg/kg					
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW6010C	7440-47-3	Chromium	22.3	mg/kg		0.29	0.29		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW6010C	7440-48-4	Cobalt	12.4	mg/kg		2.2	2.2		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW6010C	7440-50-8	Copper	30.6	mg/kg		28	298		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW6010C	7439-89-6	Iron	31400	mg/kg		5280	5280		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW6010C	7439-92-1	Lead	8.35	mg/kg		11	192		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW6010C	7439-95-4	Magnesium	7890	mg/kg					
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW6010C	7439-96-5	Manganese	363	mg/kg		173	173		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW6010C	7440-02-0	Nickel	15.7	mg/kg		38	134		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW6010C	7440-09-7	Potassium	739	mg/kg					
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW6010C	7440-23-5	Sodium	286	mg/kg					
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW6010C	7440-28-0	Thallium	1.17	mg/kg	U	0.05	0.075		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW6010C	7440-62-2	Vanadium	66.8	mg/kg		7.8	37		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW6010C	7440-66-6	Zinc	42.5	mg/kg		46	2208		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW7471B	7439-97-6	Mercury	0.0296	mg/kg		0.013	1.1		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8081B	53-19-0	2,4-DDD	0.00232	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8081B	3424-82-6	2,4-DDE	0.00232	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8081B	789-02-6	2,4-DDT	0.00232	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8081B	72-54-8	4,4'-DDD	0.00464	mg/kg	U	0.021	2.2		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8081B	72-55-9	4,4'-DDE	0.00232	mg/kg	U	0.021	1.8		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8081B	50-29-3	4,4'-DDT	0.00464	mg/kg	U	0.021	1.8		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8081B	309-00-2	Aldrin	0.00232	mg/kg	U	0.000085	0.031		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00232	mg/kg	U	0.27	1.7		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8081B	60-57-1	Dieldrin	0.00232	mg/kg	U	0.0049	0.033		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8081B	959-98-8	Endosulfan I	0.00232	mg/kg	U	0.64	45		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8081B	33213-65-9	Endosulfan II	0.00232	mg/kg	U	0.64	45		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00464	mg/kg	U	0.64	36		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8081B	72-20-8	Endrin	0.00232	mg/kg	U	0.0014	1.8		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00464	mg/kg	U	0.0014	1.8		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8081B	53494-70-5	Endrin ketone	0.00464	mg/kg	U	0.0014	1.8		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00232	mg/kg	U	0.0096	0.49		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00464	mg/kg	U	0.27	1.7		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8081B	76-44-8	Heptachlor	0.00464	mg/kg	U	0.0016	0.11		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00464	mg/kg	U	0.00015	0.055		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8081B	72-43-5	Methoxychlor	0.00464	mg/kg	U	5.1	31		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8081B	27304-13-8	Oxychlordane	0.00232	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0176	mg/kg	U	23	23		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	83-32-9	Acenaphthene	0.0118	mg/kg	U	29	346		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	208-96-8	Acenaphthylene	0.0118	mg/kg	U	1.9	1.9		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	120-12-7	Anthracene	0.0176	mg/kg	U	29	1728		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.0176	mg/kg	U	1.1	1.1		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.047	mg/kg	U	0.11	0.11		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0235	mg/kg	U	1.1	1.1		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.0235	mg/kg	U	1.1	173		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0235	mg/kg	U	1.1	11		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.141	mg/kg	U	0.02	37		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.0353	mg/kg	U	90	278		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	86-74-8	Carbazole	0.0118	mg/kg	U	7.5	7.5		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	218-01-9	Chrysene	0.0118	mg/kg	U	1.1	106		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0176	mg/kg	U	0.1056	0.11		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	132-64-9	Dibenzofuran	0.0176	mg/kg	U	6.1	7.5		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0353	mg/kg	U	0.011	605		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	206-44-0	Fluoranthene	0.0235	mg/kg	U	1.1	230		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	86-73-7	Fluorene	0.0118	mg/kg	U	29	230		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0235	mg/kg	U	1.1	1.1		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	91-20-3	Naphthalene	0.0235	mg/kg	U	1.9	1.9		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	85-01-8	Phenanthrene	0.0176	mg/kg	U	29	1728		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	108-95-2	Phenol	0.0235	mg/kg	U	0.79	1824		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	SW8270D	129-00-0	Pyrene	0.0176	mg/kg	U	1.1	173		
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0713	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.2291	mg/kg	U	1.1			
SA-15-SB	723475.862	7834196.449	8/19/2021	0 - 0	SO	N	SA-15-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.1234	mg/kg	U	29			
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0003	mg/kg		0.0073	0.23		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	2051-60-7	PCB-1	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	33146-45-1	PCB-10	0.000006	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	39485-83-1	PCB-100	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	37680-73-2	PCB-101	0.0000014	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	68194-06-9	PCB-102	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	60145-21-3	PCB-103	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	56558-16-8	PCB-104	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	32598-14-4	PCB-105	0.00000054	mg/kg	J	0.0043	0.12		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	70424-69-0	PCB-106	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	70424-68-9	PCB-107	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	70362-41-3	PCB-108	0.0000072	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74472-35-8	PCB-109	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	2050-67-1	PCB-11	0.000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	38380-03-9	PCB-110	0.0000018	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	39635-32-0	PCB-111	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74472-36-9	PCB-112	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	68194-10-5	PCB-113	0.0000014	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74472-37-0	PCB-114	0.0000012	mg/kg	U	0.003	0.12		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74472-38-1	PCB-115	0.0000018	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	18259-05-7	PCB-116	0.0000036	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	68194-11-6	PCB-117	0.0000036	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	31508-00-6	PCB-118	0.0000012	mg/kg	J	0.0022	0.12		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	56558-17-9	PCB-119	0.0000072	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	2974-92-7	PCB-12	0.000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	68194-12-7	PCB-120	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	56558-18-0	PCB-121	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	76842-07-4	PCB-122	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	65510-44-3	PCB-123	0.0000012	mg/kg	U	0.003	0.12		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	70424-70-3	PCB-124	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74472-39-2	PCB-125	0.0000072	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	57465-28-8	PCB-126	0.0000012	mg/kg	U	0.00000087	0.000035		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	39635-33-1	PCB-127	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	38380-07-3	PCB-128	0.00000068	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	55215-18-4	PCB-129	0.0000059	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	2974-90-5	PCB-13	0.000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52663-66-8	PCB-130	0.00000022	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	61798-70-7	PCB-131	0.0000012	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	38380-05-1	PCB-132	0.0000012	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	35694-04-3	PCB-133	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52704-70-8	PCB-134	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52744-13-5	PCB-135	0.0000015	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	38411-22-2	PCB-136	0.00000041	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	35694-06-5	PCB-137	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	35065-28-2	PCB-138	0.0000059	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	56030-56-9	PCB-139	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	34883-41-5	PCB-14	0.000006	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	59291-64-4	PCB-140	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52712-04-6	PCB-141	0.0000013	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	41411-61-4	PCB-142	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	68194-15-0	PCB-143	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	68194-14-9	PCB-144	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74472-40-5	PCB-145	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	51908-16-8	PCB-146	0.00000057	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	68194-13-8	PCB-147	0.0000035	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74472-41-6	PCB-148	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	38380-04-0	PCB-149	0.0000035	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	2050-68-2	PCB-15	0.000006	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	68194-08-1	PCB-150	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52663-63-5	PCB-151	0.0000015	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	68194-09-2	PCB-152	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	35065-27-1	PCB-153	0.0000048	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	60145-22-4	PCB-154	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	33979-03-2	PCB-155	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	38380-08-4	PCB-156	0.0000005	mg/kg	J	0.0014	0.12		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	69782-90-7	PCB-157	0.0000005	mg/kg	J	0.0014	0.12		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74472-42-7	PCB-158	0.00000038	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	39635-35-3	PCB-159	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	38444-78-9	PCB-16	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	41411-62-5	PCB-160	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74472-43-8	PCB-161	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	39635-34-2	PCB-162	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74472-44-9	PCB-163	0.0000059	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74472-45-0	PCB-164	0.00000038	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74472-46-1	PCB-165	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	41411-63-6	PCB-166	0.00000068	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52663-72-6	PCB-167	0.00000021	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	59291-65-5	PCB-168	0.0000048	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	32774-16-6	PCB-169	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	37680-66-3	PCB-17	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	35065-30-6	PCB-170	0.0000031	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52663-71-5	PCB-171	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52663-74-8	PCB-172	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	68194-16-1	PCB-173	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	38411-25-5	PCB-174	0.0000034	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	40186-70-7	PCB-175	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52663-65-7	PCB-176	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52663-70-4	PCB-177	0.0000021	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52663-67-9	PCB-178	0.00000083	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52663-64-6	PCB-179	0.00000091	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	37680-65-2	PCB-18	0.0000048	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	35065-29-3	PCB-180	0.0000087	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74472-47-2	PCB-181	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	60145-23-5	PCB-182	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52663-69-1	PCB-183	0.0000022	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74472-48-3	PCB-184	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52712-05-7	PCB-185	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74472-49-4	PCB-186	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52663-68-0	PCB-187	0.0000041	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74487-85-7	PCB-188	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	39635-31-9	PCB-189	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	38444-73-4	PCB-19	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	41411-64-7	PCB-190	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74472-50-7	PCB-191	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74472-51-8	PCB-192	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	69782-91-8	PCB-193	0.0000087	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	35694-08-7	PCB-194	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52663-78-2	PCB-195	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	42740-50-1	PCB-196	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	33091-17-7	PCB-197	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	68194-17-2	PCB-198	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52663-75-9	PCB-199	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	2051-61-8	PCB-2	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	38444-84-7	PCB-20	0.0000048	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52663-73-7	PCB-200	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	40186-71-8	PCB-201	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	2136-99-4	PCB-202	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52663-76-0	PCB-203	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74472-52-9	PCB-204	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74472-53-0	PCB-205	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	40186-72-9	PCB-206	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52663-79-3	PCB-207	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52663-77-1	PCB-208	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	2051-24-3	PCB-209	0.0000001	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	55702-46-0	PCB-21	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	38444-85-8	PCB-22	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	55720-44-0	PCB-23	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	55702-45-9	PCB-24	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	55712-37-3	PCB-25	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	38444-81-4	PCB-26	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	38444-76-7	PCB-27	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	7012-37-5	PCB-28	0.0000048	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	15862-07-4	PCB-29	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	2051-62-9	PCB-3	0.0000036	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	35693-92-6	PCB-30	0.0000048	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	16606-02-3	PCB-31	0.00000036	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	38444-77-8	PCB-32	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	38444-86-9	PCB-33	0.0000024	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	37680-68-5	PCB-34	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	37680-69-6	PCB-35	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	38444-87-0	PCB-36	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	38444-90-5	PCB-37	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	53555-66-1	PCB-38	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	38444-88-1	PCB-39	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	13029-08-8	PCB-4	0.000006	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	38444-93-8	PCB-40	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52663-59-9	PCB-41	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	36559-22-5	PCB-42	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	70362-46-8	PCB-43	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	41464-39-5	PCB-44	0.0000012	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	70362-45-7	PCB-45	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	41464-47-5	PCB-46	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	2437-79-8	PCB-47	0.0000012	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	70362-47-9	PCB-48	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	41464-40-8	PCB-49	0.00000021	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	16605-91-7	PCB-5	0.000006	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	62796-65-0	PCB-50	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	68194-04-7	PCB-51	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	35693-99-3	PCB-52	0.00000058	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	41464-41-9	PCB-53	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	15968-05-5	PCB-54	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74338-24-2	PCB-55	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	41464-43-1	PCB-56	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	70424-67-8	PCB-57	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	41464-49-7	PCB-58	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74472-33-6	PCB-59	0.0000036	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	25569-80-6	PCB-6	0.000006	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	33025-41-1	PCB-60	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	33284-53-6	PCB-61	0.00000082	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	54230-22-7	PCB-62	0.0000036	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74472-34-7	PCB-63	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52663-58-8	PCB-64	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	33284-54-7	PCB-65	0.0000012	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	32598-10-0	PCB-66	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	73575-53-8	PCB-67	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	73575-52-7	PCB-68	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	60233-24-1	PCB-69	0.00000021	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	33284-50-3	PCB-7	0.000006	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	32598-11-1	PCB-70	0.00000082	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	41464-46-4	PCB-71	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	41464-42-0	PCB-72	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	74338-23-1	PCB-73	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	32690-93-0	PCB-74	0.00000082	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	32598-12-2	PCB-75	0.0000036	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	70362-48-0	PCB-76	0.00000082	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	32598-13-3	PCB-77	0.0000012	mg/kg	U	0.000017	0.036		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	70362-49-1	PCB-78	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	41464-48-6	PCB-79	0.0000012	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	34883-43-7	PCB-8	0.000006	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	33284-52-5	PCB-80	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	70362-50-4	PCB-81	0.0000012	mg/kg	U	0.00015	0.012		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52663-62-4	PCB-82	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	60145-20-2	PCB-83	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52663-60-2	PCB-84	0.00000022	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	65510-45-4	PCB-85	0.0000036	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	55312-69-1	PCB-86	0.0000072	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	38380-02-8	PCB-87	0.0000072	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	55215-17-3	PCB-88	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	73575-57-2	PCB-89	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	34883-39-1	PCB-9	0.000006	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	68194-07-0	PCB-90	0.0000014	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	68194-05-8	PCB-91	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	52663-61-3	PCB-92	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	73575-56-1	PCB-93	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	73575-55-0	PCB-94	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	38379-99-6	PCB-95	0.00000078	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	73575-54-9	PCB-96	0.0000012	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	41464-51-1	PCB-97	0.0000072	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	60233-25-2	PCB-98	0.0000024	mg/kg	U				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	1668C	38380-01-7	PCB-99	0.00000044	mg/kg	J				
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	Organotins	1002-53-5	Dibutyltin	0.046	mg/kg	U	1.8	1.8		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	Organotins	78763-54-9	Monobutyltin	0.068	mg/kg	U	2.2	2.2		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	Organotins	1461-25-2	Tetrabutyltin	0.11	mg/kg	U	2.2	2.2		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	Organotins	688-73-3	Tributyltin	0.054	mg/kg	U	2.2	2.2		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	SW6020B	7440-36-0	Antimony	0.22	mg/kg	J	0.27	3		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	SW6020B	7782-49-2	Selenium	3.1	mg/kg		0.52	37		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	SW6020B	7440-22-4	Silver	0.057	mg/kg	J	4.2	37		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	SW8082A	12674-11-2	Aroclor-1016	0.0018	mg/kg	U	0.041	0.1		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	SW8082A	11104-28-2	Aroclor-1221	0.0012	mg/kg	U	0.041	0.19		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	SW8082A	11141-16-5	Aroclor-1232	0.0012	mg/kg	U	0.041	0.16		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	SW8082A	53469-21-9	Aroclor-1242	0.0012	mg/kg	U	0.041	0.22		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	SW8082A	12672-29-6	Aroclor-1248	0.00073	mg/kg	U	0.041	0.22		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	SW8082A	11097-69-1	Aroclor-1254	0.0012	mg/kg	U	0.029	0.029		
SA-15-SB	723475.862	7834196.449	8/20/2021	0 - 0	SO	N	SA-15-SB	SW8082A	11096-82-5	Aroclor-1260	0.0018	mg/kg	U	0.041	0.23		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0008	mg/kg		0.0073	0.23		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	2051-60-7	PCB-1	0.0000028	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	33146-45-1	PCB-10	0.0000071	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	39485-83-1	PCB-100	0.0000028	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	37680-73-2	PCB-101	0.0000088	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	68194-06-9	PCB-102	0.0000028	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	60145-21-3	PCB-103	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	56558-16-8	PCB-104	0.00000024	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	32598-14-4	PCB-105	0.0000037	mg/kg		0.0043	0.12		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	70424-69-0	PCB-106	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	70424-68-9	PCB-107	0.00000052	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	70362-41-3	PCB-108	0.0000042	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74472-35-8	PCB-109	0.00000065	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	2050-67-1	PCB-11	0.000028	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	38380-03-9	PCB-110	0.000011	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	39635-32-0	PCB-111	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74472-36-9	PCB-112	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	68194-10-5	PCB-113	0.0000088	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74472-37-0	PCB-114	0.0000014	mg/kg	U	0.003	0.12		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74472-38-1	PCB-115	0.000011	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	18259-05-7	PCB-116	0.0000011	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	68194-11-6	PCB-117	0.0000011	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	31508-00-6	PCB-118	0.0000082	mg/kg		0.0022	0.12		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	56558-17-9	PCB-119	0.0000042	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	2974-92-7	PCB-12	0.000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	68194-12-7	PCB-120	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	56558-18-0	PCB-121	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	76842-07-4	PCB-122	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	65510-44-3	PCB-123	0.00000031	mg/kg	J	0.003	0.12		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	70424-70-3	PCB-124	0.00000052	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74472-39-2	PCB-125	0.0000042	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	57465-28-8	PCB-126	0.0000014	mg/kg	U	0.00000087	0.000035		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	39635-33-1	PCB-127	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	38380-07-3	PCB-128	0.0000044	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	55215-18-4	PCB-129	0.000035	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	2974-90-5	PCB-13	0.000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52663-66-8	PCB-130	0.0000015	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	61798-70-7	PCB-131	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	38380-05-1	PCB-132	0.0000066	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	35694-04-3	PCB-133	0.00000032	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52704-70-8	PCB-134	0.00000071	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52744-13-5	PCB-135	0.0000084	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	38411-22-2	PCB-136	0.0000017	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	35694-06-5	PCB-137	0.00000061	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	35065-28-2	PCB-138	0.000035	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	56030-56-9	PCB-139	0.0000028	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	34883-41-5	PCB-14	0.0000071	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	59291-64-4	PCB-140	0.0000028	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52712-04-6	PCB-141	0.000007	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	41411-61-4	PCB-142	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	68194-15-0	PCB-143	0.00000071	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	68194-14-9	PCB-144	0.00000097	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74472-40-5	PCB-145	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	51908-16-8	PCB-146	0.0000036	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	68194-13-8	PCB-147	0.000019	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74472-41-6	PCB-148	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	38380-04-0	PCB-149	0.000019	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	2050-68-2	PCB-15	0.0000071	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	68194-08-1	PCB-150	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52663-63-5	PCB-151	0.0000084	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	68194-09-2	PCB-152	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	35065-27-1	PCB-153	0.000028	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	60145-22-4	PCB-154	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	33979-03-2	PCB-155	0.0000014	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	38380-08-4	PCB-156	0.0000035	mg/kg	J	0.0014	0.12		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	69782-90-7	PCB-157	0.0000035	mg/kg	J	0.0014	0.12		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74472-42-7	PCB-158	0.0000026	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	39635-35-3	PCB-159	0.00000072	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	38444-78-9	PCB-16	0.0000028	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	41411-62-5	PCB-160	0.0000028	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74472-43-8	PCB-161	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	39635-34-2	PCB-162	0.00000048	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74472-44-9	PCB-163	0.000035	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74472-45-0	PCB-164	0.0000026	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74472-46-1	PCB-165	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	41411-63-6	PCB-166	0.0000044	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52663-72-6	PCB-167	0.0000017	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	59291-65-5	PCB-168	0.000028	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	32774-16-6	PCB-169	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	37680-66-3	PCB-17	0.0000028	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	35065-30-6	PCB-170	0.000025	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52663-71-5	PCB-171	0.000005	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52663-74-8	PCB-172	0.0000046	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	68194-16-1	PCB-173	0.000005	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	38411-25-5	PCB-174	0.000023	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	40186-70-7	PCB-175	0.00000062	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52663-65-7	PCB-176	0.0000016	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52663-70-4	PCB-177	0.000013	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52663-67-9	PCB-178	0.0000041	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52663-64-6	PCB-179	0.0000055	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	37680-65-2	PCB-18	0.00000032	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	35065-29-3	PCB-180	0.00005	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74472-47-2	PCB-181	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	60145-23-5	PCB-182	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52663-69-1	PCB-183	0.00001	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74472-48-3	PCB-184	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52712-05-7	PCB-185	0.0000019	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74472-49-4	PCB-186	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52663-68-0	PCB-187	0.000021	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74487-85-7	PCB-188	0.000000074	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	39635-31-9	PCB-189	0.00000086	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	38444-73-4	PCB-19	0.0000028	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	41411-64-7	PCB-190	0.000005	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74472-50-7	PCB-191	0.00000085	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74472-51-8	PCB-192	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	69782-91-8	PCB-193	0.00005	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	35694-08-7	PCB-194	0.000012	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52663-78-2	PCB-195	0.000005	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	42740-50-1	PCB-196	0.0000061	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	33091-17-7	PCB-197	0.0000002	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	68194-17-2	PCB-198	0.000015	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52663-75-9	PCB-199	0.000015	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	2051-61-8	PCB-2	0.0000028	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	38444-84-7	PCB-20	0.00000078	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52663-73-7	PCB-200	0.0000018	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	40186-71-8	PCB-201	0.0000015	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	2136-99-4	PCB-202	0.0000026	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52663-76-0	PCB-203	0.0000087	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74472-52-9	PCB-204	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74472-53-0	PCB-205	0.00000069	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	40186-72-9	PCB-206	0.000006	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52663-79-3	PCB-207	0.00000059	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52663-77-1	PCB-208	0.0000015	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	2051-24-3	PCB-209	0.0000015	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	55702-46-0	PCB-21	0.0000028	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	38444-85-8	PCB-22	0.0000028	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	55720-44-0	PCB-23	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	55702-45-9	PCB-24	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	55712-37-3	PCB-25	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	38444-81-4	PCB-26	0.0000028	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	38444-76-7	PCB-27	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	7012-37-5	PCB-28	0.00000078	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	15862-07-4	PCB-29	0.0000028	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	2051-62-9	PCB-3	0.0000061	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	35693-92-6	PCB-30	0.00000032	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	16606-02-3	PCB-31	0.00000063	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	38444-77-8	PCB-32	0.0000028	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	38444-86-9	PCB-33	0.0000028	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	37680-68-5	PCB-34	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	37680-69-6	PCB-35	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	38444-87-0	PCB-36	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	38444-90-5	PCB-37	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	53555-66-1	PCB-38	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	38444-88-1	PCB-39	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	13029-08-8	PCB-4	0.0000071	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	38444-93-8	PCB-40	0.00000047	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52663-59-9	PCB-41	0.0000028	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	36559-22-5	PCB-42	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	70362-46-8	PCB-43	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	41464-39-5	PCB-44	0.0000019	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	70362-45-7	PCB-45	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	41464-47-5	PCB-46	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	2437-79-8	PCB-47	0.0000019	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	70362-47-9	PCB-48	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	41464-40-8	PCB-49	0.00000064	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	16605-91-7	PCB-5	0.0000071	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	62796-65-0	PCB-50	0.0000028	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	68194-04-7	PCB-51	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	35693-99-3	PCB-52	0.0000017	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	41464-41-9	PCB-53	0.0000028	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	15968-05-5	PCB-54	0.00000037	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74338-24-2	PCB-55	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	41464-43-1	PCB-56	0.00000048	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	70424-67-8	PCB-57	0.0000014	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	41464-49-7	PCB-58	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74472-33-6	PCB-59	0.0000043	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	25569-80-6	PCB-6	0.0000071	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	33025-41-1	PCB-60	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	33284-53-6	PCB-61	0.0000022	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	54230-22-7	PCB-62	0.0000043	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74472-34-7	PCB-63	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52663-58-8	PCB-64	0.00000048	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	33284-54-7	PCB-65	0.0000019	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	32598-10-0	PCB-66	0.00000076	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	73575-53-8	PCB-67	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	73575-52-7	PCB-68	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	60233-24-1	PCB-69	0.00000064	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	33284-50-3	PCB-7	0.0000071	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	32598-11-1	PCB-70	0.0000022	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	41464-46-4	PCB-71	0.00000047	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	41464-42-0	PCB-72	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	74338-23-1	PCB-73	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	32690-93-0	PCB-74	0.0000022	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	32598-12-2	PCB-75	0.0000043	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	70362-48-0	PCB-76	0.0000022	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	32598-13-3	PCB-77	0.00000056	mg/kg	J	0.000017	0.036		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	70362-49-1	PCB-78	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	41464-48-6	PCB-79	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	34883-43-7	PCB-8	0.0000071	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	33284-52-5	PCB-80	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	70362-50-4	PCB-81	0.0000014	mg/kg	U	0.00015	0.012		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52663-62-4	PCB-82	0.0000006	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	60145-20-2	PCB-83	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52663-60-2	PCB-84	0.00000092	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	65510-45-4	PCB-85	0.0000011	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	55312-69-1	PCB-86	0.0000042	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	38380-02-8	PCB-87	0.0000042	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	55215-17-3	PCB-88	0.00000067	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	73575-57-2	PCB-89	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	34883-39-1	PCB-9	0.0000071	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	68194-07-0	PCB-90	0.0000088	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	68194-05-8	PCB-91	0.00000067	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	52663-61-3	PCB-92	0.0000012	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	73575-56-1	PCB-93	0.0000028	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	73575-55-0	PCB-94	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	38379-99-6	PCB-95	0.0000049	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	73575-54-9	PCB-96	0.0000014	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	41464-51-1	PCB-97	0.0000042	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	60233-25-2	PCB-98	0.0000028	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	1668C	38380-01-7	PCB-99	0.0000029	mg/kg	J				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	Organotins	1002-53-5	Dibutyltin	0.054	mg/kg	U	1.8	1.8		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	Organotins	78763-54-9	Monobutyltin	0.079	mg/kg	U	2.2	2.2		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	Organotins	1461-25-2	Tetrabutyltin	0.13	mg/kg	U	2.2	2.2		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	Organotins	688-73-3	Tributyltin	0.063	mg/kg	U	2.2	2.2		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW6010C	7429-90-5	Aluminum	26900	mg/kg		50	7392		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW6010C	7440-38-2	Arsenic	1.2	mg/kg	U	0.43	0.43		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW6010C	7440-39-3	Barium	39.2	mg/kg		330	1440		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW6010C	7440-41-7	Beryllium	0.75	mg/kg	J	15	15		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW6010C	7440-43-9	Cadmium	0.06	mg/kg	U	0.36	0.68		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW6010C	7440-70-2	Calcium	10100	mg/kg					
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW6010C	7440-47-3	Chromium	18.3	mg/kg		0.29	0.29		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW6010C	7440-48-4	Cobalt	12.7	mg/kg		2.2	2.2		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW6010C	7440-50-8	Copper	53.9	mg/kg		28	298		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW6010C	7439-89-6	Iron	29600	mg/kg		5280	5280		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW6010C	7439-92-1	Lead	10.4	mg/kg		11	192		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW6010C	7439-95-4	Magnesium	6170	mg/kg					
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW6010C	7439-96-5	Manganese	219	mg/kg		173	173		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW6010C	7440-02-0	Nickel	14.9	mg/kg		38	134		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW6010C	7440-09-7	Potassium	586	mg/kg					
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW6010C	7440-23-5	Sodium	217	mg/kg					
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW6010C	7440-28-0	Thallium	1.2	mg/kg	U	0.05	0.075		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW6010C	7440-62-2	Vanadium	44.1	mg/kg		7.8	37		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW6010C	7440-66-6	Zinc	28.5	mg/kg		46	2208		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW6020B	7440-36-0	Antimony	0.1	mg/kg	J	0.27	3		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW6020B	7782-49-2	Selenium	3.5	mg/kg		0.52	37		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW6020B	7440-22-4	Silver	0.029	mg/kg	J	4.2	37		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW7471B	7439-97-6	Mercury	0.021	mg/kg	J	0.013	1.1		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8081B	53-19-0	2,4-DDD	0.00232	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8081B	3424-82-6	2,4-DDE	0.00232	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8081B	789-02-6	2,4-DDT	0.00232	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8081B	72-54-8	4,4'-DDD	0.00465	mg/kg	U	0.021	2.2		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8081B	72-55-9	4,4'-DDE	0.00232	mg/kg	U	0.021	1.8		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8081B	50-29-3	4,4'-DDT	0.00465	mg/kg	U	0.021	1.8		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8081B	309-00-2	Aldrin	0.00232	mg/kg	U	0.000085	0.031		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00232	mg/kg	U	0.27	1.7		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8081B	60-57-1	Dieldrin	0.00232	mg/kg	U	0.0049	0.033		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8081B	959-98-8	Endosulfan I	0.00232	mg/kg	U	0.64	45		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8081B	33213-65-9	Endosulfan II	0.00232	mg/kg	U	0.64	45		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00465	mg/kg	U	0.64	36		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8081B	72-20-8	Endrin	0.00232	mg/kg	U	0.0014	1.8		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00465	mg/kg	U	0.0014	1.8		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8081B	53494-70-5	Endrin ketone	0.00465	mg/kg	U	0.0014	1.8		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00232	mg/kg	U	0.0096	0.49		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00465	mg/kg	U	0.27	1.7		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8081B	76-44-8	Heptachlor	0.00465	mg/kg	U	0.0016	0.11		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00465	mg/kg	U	0.00015	0.055		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8081B	72-43-5	Methoxychlor	0.00465	mg/kg	U	5.1	31		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8081B	27304-13-8	Oxychlordane	0.00232	mg/kg	U				
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8082A	12674-11-2	Aroclor-1016	0.0021	mg/kg	U	0.041	0.1		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8082A	11104-28-2	Aroclor-1221	0.0014	mg/kg	U	0.041	0.19		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8082A	11141-16-5	Aroclor-1232	0.0014	mg/kg	U	0.041	0.16		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8082A	53469-21-9	Aroclor-1242	0.0014	mg/kg	U	0.041	0.22		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8082A	12672-29-6	Aroclor-1248	0.00086	mg/kg	U	0.041	0.22		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8082A	11097-69-1	Aroclor-1254	0.0014	mg/kg	U	0.029	0.029		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8082A	11096-82-5	Aroclor-1260	0.0021	mg/kg	U	0.041	0.23		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0178	mg/kg	U	23	23		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	83-32-9	Acenaphthene	0.0119	mg/kg	U	29	346		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	208-96-8	Acenaphthylene	0.0119	mg/kg	U	1.9	1.9		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	120-12-7	Anthracene	0.0178	mg/kg	U	29	1728		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.00752	mg/kg	J	1.1	1.1		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.0099	mg/kg	J	0.11	0.11		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0099	mg/kg	J	1.1	1.1		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.0238	mg/kg	U	1.1	173		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.00673	mg/kg	J	1.1	11		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.0578	mg/kg	J	0.02	37		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.0356	mg/kg	U	90	278		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	86-74-8	Carbazole	0.00475	mg/kg	J	7.5	7.5		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	218-01-9	Chrysene	0.0119	mg/kg	U	1.1	106		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0178	mg/kg	U	0.1056	0.11		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	132-64-9	Dibenzofuran	0.0178	mg/kg	U	6.1	7.5		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0356	mg/kg	U	0.011	605		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	206-44-0	Fluoranthene	0.0115	mg/kg	J	1.1	230		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	86-73-7	Fluorene	0.0119	mg/kg	U	29	230		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0238	mg/kg	U	1.1	1.1		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	91-20-3	Naphthalene	0.0238	mg/kg	U	1.9	1.9		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	85-01-8	Phenanthrene	0.00871	mg/kg	J	29	1728		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	108-95-2	Phenol	0.0238	mg/kg	U	0.79	1824		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	SW8270D	129-00-0	Pyrene	0.00911	mg/kg	J	1.1	173		
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0142	mg/kg					
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.0911	mg/kg		1.1			
SA-16-SB	723461.393	7834216.516	8/20/2021	0 - 0	SO	N	SA-16-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.10341	mg/kg		29			
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0034	mg/kg		0.0073	0.23		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	2051-60-7	PCB-1	0.0000021	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	33146-45-1	PCB-10	0.0000051	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	39485-83-1	PCB-100	0.0000021	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	37680-73-2	PCB-101	0.000019	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	68194-06-9	PCB-102	0.0000021	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	60145-21-3	PCB-103	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	56558-16-8	PCB-104	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	32598-14-4	PCB-105	0.0000075	mg/kg		0.0043	0.12		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	70424-69-0	PCB-106	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	70424-68-9	PCB-107	0.0000021	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	70362-41-3	PCB-108	0.0000093	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74472-35-8	PCB-109	0.0000014	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	2050-67-1	PCB-11	0.0000031	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	38380-03-9	PCB-110	0.000032	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	39635-32-0	PCB-111	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74472-36-9	PCB-112	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	68194-10-5	PCB-113	0.000019	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74472-37-0	PCB-114	0.000001	mg/kg	U	0.003	0.12		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74472-38-1	PCB-115	0.000032	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	18259-05-7	PCB-116	0.0000025	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	68194-11-6	PCB-117	0.0000025	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	31508-00-6	PCB-118	0.000018	mg/kg		0.0022	0.12		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	56558-17-9	PCB-119	0.0000093	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	2974-92-7	PCB-12	0.00001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	68194-12-7	PCB-120	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	56558-18-0	PCB-121	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	76842-07-4	PCB-122	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	65510-44-3	PCB-123	0.00000054	mg/kg	J	0.003	0.12		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	70424-70-3	PCB-124	0.0000021	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74472-39-2	PCB-125	0.0000093	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	57465-28-8	PCB-126	0.000001	mg/kg	U	0.00000087	0.000035		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	39635-33-1	PCB-127	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	38380-07-3	PCB-128	0.000025	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	55215-18-4	PCB-129	0.00014	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	2974-90-5	PCB-13	0.00001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52663-66-8	PCB-130	0.0000078	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	61798-70-7	PCB-131	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	38380-05-1	PCB-132	0.00004	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	35694-04-3	PCB-133	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52704-70-8	PCB-134	0.0000021	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52744-13-5	PCB-135	0.000047	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	38411-22-2	PCB-136	0.000013	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	35694-06-5	PCB-137	0.0000028	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	35065-28-2	PCB-138	0.00014	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	56030-56-9	PCB-139	0.0000021	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	34883-41-5	PCB-14	0.0000051	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	59291-64-4	PCB-140	0.0000021	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52712-04-6	PCB-141	0.000029	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	41411-61-4	PCB-142	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	68194-15-0	PCB-143	0.0000021	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	68194-14-9	PCB-144	0.0000057	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74472-40-5	PCB-145	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	51908-16-8	PCB-146	0.00002	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	68194-13-8	PCB-147	0.00012	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74472-41-6	PCB-148	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	38380-04-0	PCB-149	0.00012	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	2050-68-2	PCB-15	0.0000051	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	68194-08-1	PCB-150	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52663-63-5	PCB-151	0.000047	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	68194-09-2	PCB-152	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	35065-27-1	PCB-153	0.00011	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	60145-22-4	PCB-154	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	33979-03-2	PCB-155	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	38380-08-4	PCB-156	0.000007	mg/kg		0.0014	0.12		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	69782-90-7	PCB-157	0.000007	mg/kg		0.0014	0.12		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74472-42-7	PCB-158	0.000012	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	39635-35-3	PCB-159	0.0000044	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	38444-78-9	PCB-16	0.0000037	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	41411-62-5	PCB-160	0.0000021	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74472-43-8	PCB-161	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	39635-34-2	PCB-162	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74472-44-9	PCB-163	0.00014	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74472-45-0	PCB-164	0.000014	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74472-46-1	PCB-165	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	41411-63-6	PCB-166	0.000025	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52663-72-6	PCB-167	0.0000046	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	59291-65-5	PCB-168	0.00011	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	32774-16-6	PCB-169	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	37680-66-3	PCB-17	0.0000035	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	35065-30-6	PCB-170	0.000072	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52663-71-5	PCB-171	0.000025	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52663-74-8	PCB-172	0.000019	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	68194-16-1	PCB-173	0.000025	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	38411-25-5	PCB-174	0.00011	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	40186-70-7	PCB-175	0.0000052	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52663-65-7	PCB-176	0.000014	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52663-70-4	PCB-177	0.000054	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52663-67-9	PCB-178	0.00003	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52663-64-6	PCB-179	0.000049	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	37680-65-2	PCB-18	0.0000064	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	35065-29-3	PCB-180	0.00021	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74472-47-2	PCB-181	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	60145-23-5	PCB-182	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52663-69-1	PCB-183	0.000063	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74472-48-3	PCB-184	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52712-05-7	PCB-185	0.000017	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74472-49-4	PCB-186	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52663-68-0	PCB-187	0.00017	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74487-85-7	PCB-188	0.00000031	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	39635-31-9	PCB-189	0.0000022	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	38444-73-4	PCB-19	0.00000067	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	41411-64-7	PCB-190	0.000013	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74472-50-7	PCB-191	0.0000029	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74472-51-8	PCB-192	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	69782-91-8	PCB-193	0.00021	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	35694-08-7	PCB-194	0.000051	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52663-78-2	PCB-195	0.000017	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	42740-50-1	PCB-196	0.000051	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	33091-17-7	PCB-197	0.0000035	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	68194-17-2	PCB-198	0.00013	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52663-75-9	PCB-199	0.00013	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	2051-61-8	PCB-2	0.0000021	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	38444-84-7	PCB-20	0.0000056	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52663-73-7	PCB-200	0.000018	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	40186-71-8	PCB-201	0.000021	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	2136-99-4	PCB-202	0.000025	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52663-76-0	PCB-203	0.000076	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74472-52-9	PCB-204	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74472-53-0	PCB-205	0.0000028	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	40186-72-9	PCB-206	0.000077	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52663-79-3	PCB-207	0.0000095	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52663-77-1	PCB-208	0.000024	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	2051-24-3	PCB-209	0.000023	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	55702-46-0	PCB-21	0.0000053	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	38444-85-8	PCB-22	0.0000027	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	55720-44-0	PCB-23	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	55702-45-9	PCB-24	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	55712-37-3	PCB-25	0.0000006	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	38444-81-4	PCB-26	0.0000013	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	38444-76-7	PCB-27	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	7012-37-5	PCB-28	0.0000056	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	15862-07-4	PCB-29	0.0000013	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	2051-62-9	PCB-3	0.0000051	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	35693-92-6	PCB-30	0.0000064	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	16606-02-3	PCB-31	0.0000062	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	38444-77-8	PCB-32	0.0000022	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	38444-86-9	PCB-33	0.0000053	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	37680-68-5	PCB-34	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	37680-69-6	PCB-35	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	38444-87-0	PCB-36	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	38444-90-5	PCB-37	0.0000025	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	53555-66-1	PCB-38	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	38444-88-1	PCB-39	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	13029-08-8	PCB-4	0.0000051	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	38444-93-8	PCB-40	0.0000033	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52663-59-9	PCB-41	0.0000013	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	36559-22-5	PCB-42	0.0000018	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	70362-46-8	PCB-43	0.00000039	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	41464-39-5	PCB-44	0.0000077	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	70362-45-7	PCB-45	0.0000014	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	41464-47-5	PCB-46	0.00000062	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	2437-79-8	PCB-47	0.0000077	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	70362-47-9	PCB-48	0.0000018	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	41464-40-8	PCB-49	0.0000037	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	16605-91-7	PCB-5	0.0000051	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	62796-65-0	PCB-50	0.00000091	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	68194-04-7	PCB-51	0.00000043	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	35693-99-3	PCB-52	0.0000073	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	41464-41-9	PCB-53	0.00000091	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	15968-05-5	PCB-54	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74338-24-2	PCB-55	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	41464-43-1	PCB-56	0.0000026	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	70424-67-8	PCB-57	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	41464-49-7	PCB-58	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74472-33-6	PCB-59	0.00000069	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	25569-80-6	PCB-6	0.0000051	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	33025-41-1	PCB-60	0.0000018	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	33284-53-6	PCB-61	0.0000096	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	54230-22-7	PCB-62	0.00000069	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74472-34-7	PCB-63	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52663-58-8	PCB-64	0.0000033	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	33284-54-7	PCB-65	0.0000077	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	32598-10-0	PCB-66	0.0000043	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	73575-53-8	PCB-67	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	73575-52-7	PCB-68	0.00000046	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	60233-24-1	PCB-69	0.0000037	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	33284-50-3	PCB-7	0.0000051	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	32598-11-1	PCB-70	0.0000096	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	41464-46-4	PCB-71	0.0000033	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	41464-42-0	PCB-72	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	74338-23-1	PCB-73	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	32690-93-0	PCB-74	0.0000096	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	32598-12-2	PCB-75	0.00000069	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	70362-48-0	PCB-76	0.0000096	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	32598-13-3	PCB-77	0.0000011	mg/kg	J	0.000017	0.036		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	70362-49-1	PCB-78	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	41464-48-6	PCB-79	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	34883-43-7	PCB-8	0.0000051	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	33284-52-5	PCB-80	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	70362-50-4	PCB-81	0.000001	mg/kg	U	0.00015	0.012		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52663-62-4	PCB-82	0.0000015	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	60145-20-2	PCB-83	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52663-60-2	PCB-84	0.0000034	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	65510-45-4	PCB-85	0.0000025	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	55312-69-1	PCB-86	0.0000093	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	38380-02-8	PCB-87	0.0000093	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	55215-17-3	PCB-88	0.0000026	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	73575-57-2	PCB-89	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	34883-39-1	PCB-9	0.0000051	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	68194-07-0	PCB-90	0.000019	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	68194-05-8	PCB-91	0.0000026	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	52663-61-3	PCB-92	0.0000028	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	73575-56-1	PCB-93	0.0000021	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	73575-55-0	PCB-94	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	38379-99-6	PCB-95	0.000013	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	73575-54-9	PCB-96	0.000001	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	41464-51-1	PCB-97	0.0000093	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	60233-25-2	PCB-98	0.0000021	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	1668C	38380-01-7	PCB-99	0.0000069	mg/kg	J				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	Organotins	1002-53-5	Dibutyltin	0.042	mg/kg	U	1.8	1.8		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	Organotins	78763-54-9	Monobutyltin	0.061	mg/kg	U	2.2	2.2		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	Organotins	1461-25-2	Tetrabutyltin	0.098	mg/kg	U	2.2	2.2		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	Organotins	688-73-3	Tributyltin	0.049	mg/kg	U	2.2	2.2		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW6010C	7429-90-5	Aluminum	15600	mg/kg		50	7392		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW6010C	7440-38-2	Arsenic	1.03	mg/kg	U	0.43	0.43		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW6010C	7440-39-3	Barium	92.8	mg/kg		330	1440		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW6010C	7440-41-7	Beryllium	1.03	mg/kg	U	15	15		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW6010C	7440-43-9	Cadmium	0.0516	mg/kg	U	0.36	0.68		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW6010C	7440-70-2	Calcium	5700	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW6010C	7440-47-3	Chromium	33.5	mg/kg		0.29	0.29		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW6010C	7440-48-4	Cobalt	14	mg/kg		2.2	2.2		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW6010C	7440-50-8	Copper	31.8	mg/kg		28	298		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW6010C	7439-89-6	Iron	26300	mg/kg		5280	5280		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW6010C	7439-92-1	Lead	20.9	mg/kg		11	192		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW6010C	7439-95-4	Magnesium	6420	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW6010C	7439-96-5	Manganese	395	mg/kg		173	173		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW6010C	7440-02-0	Nickel	20.8	mg/kg		38	134		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW6010C	7440-09-7	Potassium	769	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW6010C	7440-23-5	Sodium	402	mg/kg					
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW6010C	7440-28-0	Thallium	1.03	mg/kg	U	0.05	0.075		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW6010C	7440-62-2	Vanadium	76.5	mg/kg		7.8	37		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW6010C	7440-66-6	Zinc	54.8	mg/kg		46	2208		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW6020B	7440-36-0	Antimony	0.22	mg/kg	J	0.27	3		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW6020B	7782-49-2	Selenium	3.1	mg/kg		0.52	37		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW6020B	7440-22-4	Silver	0.032	mg/kg	J	4.2	37		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW7471B	7439-97-6	Mercury	0.059	mg/kg		0.013	1.1		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8081B	53-19-0	2,4-DDD	0.00208	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8081B	3424-82-6	2,4-DDE	0.00208	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8081B	789-02-6	2,4-DDT	0.00208	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8081B	72-54-8	4,4'-DDD	0.00417	mg/kg	U	0.021	2.2		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8081B	72-55-9	4,4'-DDE	0.00208	mg/kg	U	0.021	1.8		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8081B	50-29-3	4,4'-DDT	0.00417	mg/kg	U	0.021	1.8		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8081B	309-00-2	Aldrin	0.00208	mg/kg	U	0.000085	0.031		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00208	mg/kg	U	0.27	1.7		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8081B	60-57-1	Dieldrin	0.00208	mg/kg	U	0.0049	0.033		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8081B	959-98-8	Endosulfan I	0.00208	mg/kg	U	0.64	45		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8081B	33213-65-9	Endosulfan II	0.00208	mg/kg	U	0.64	45		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00417	mg/kg	U	0.64	36		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8081B	72-20-8	Endrin	0.00208	mg/kg	U	0.0014	1.8		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00417	mg/kg	U	0.0014	1.8		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8081B	53494-70-5	Endrin ketone	0.00417	mg/kg	U	0.0014	1.8		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00208	mg/kg	U	0.0096	0.49		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00417	mg/kg	U	0.27	1.7		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8081B	76-44-8	Heptachlor	0.00417	mg/kg	U	0.0016	0.11		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00417	mg/kg	U	0.00015	0.055		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8081B	72-43-5	Methoxychlor	0.00417	mg/kg	U	5.1	31		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8081B	27304-13-8	Oxychlordane	0.00208	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8082A	12674-11-2	Aroclor-1016	0.016	mg/kg	U	0.041	0.1		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8082A	11104-28-2	Aroclor-1221	0.011	mg/kg	U	0.041	0.19		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8082A	11141-16-5	Aroclor-1232	0.011	mg/kg	U	0.041	0.16		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8082A	53469-21-9	Aroclor-1242	0.011	mg/kg	U	0.041	0.22		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8082A	12672-29-6	Aroclor-1248	0.0065	mg/kg	U	0.041	0.22		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8082A	11097-69-1	Aroclor-1254	0.011	mg/kg	U	0.029	0.029		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8082A	11096-82-5	Aroclor-1260	0.012	mg/kg	J	0.041	0.23		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.311	mg/kg	U	23	23		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	83-32-9	Acenaphthene	0.207	mg/kg	U	29	346		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	208-96-8	Acenaphthylene	0.207	mg/kg	U	1.9	1.9		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	120-12-7	Anthracene	0.311	mg/kg	U	29	1728		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.311	mg/kg	U	1.1	1.1		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.829	mg/kg	U	0.11	0.11		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.415	mg/kg	U	1.1	1.1		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.415	mg/kg	U	1.1	173		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.415	mg/kg	U	1.1	11		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	2.49	mg/kg	U	0.02	37		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.622	mg/kg	U	90	278		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	86-74-8	Carbazole	0.207	mg/kg	U	7.5	7.5		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	218-01-9	Chrysene	0.207	mg/kg	U	1.1	106		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.311	mg/kg	U	0.1056	0.11		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	132-64-9	Dibenzofuran	0.311	mg/kg	U	6.1	7.5		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.622	mg/kg	U	0.011	605		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	206-44-0	Fluoranthene	0.415	mg/kg	U	1.1	230		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	86-73-7	Fluorene	0.207	mg/kg	U	29	230		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.415	mg/kg	U	1.1	1.1		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	91-20-3	Naphthalene	0.415	mg/kg	U	1.9	1.9		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	85-01-8	Phenanthrene	0.311	mg/kg	U	29	1728		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	108-95-2	Phenol	0.415	mg/kg	U	0.79	1824		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	SW8270D	129-00-0	Pyrene	0.311	mg/kg	U	1.1	173		
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	1.2585	mg/kg	U				
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	4.044	mg/kg	U	1.1			
SA-17-SB	723440.476	7834241.945	8/24/2021	0 - 0	SO	N	SA-17-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	2.177	mg/kg	U	29			
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW6010C	7429-90-5	Aluminum	26000	mg/kg		50	7392		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW6010C	7440-38-2	Arsenic	1.14	mg/kg	U	0.43	0.43		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW6010C	7440-39-3	Barium	117	mg/kg		330	1440		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW6010C	7440-41-7	Beryllium	1.14	mg/kg	U	15	15		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW6010C	7440-43-9	Cadmium	0.0568	mg/kg	U	0.36	0.68		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW6010C	7440-70-2	Calcium	9690	mg/kg					
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW6010C	7440-47-3	Chromium	45.4	mg/kg		0.29	0.29		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW6010C	7440-48-4	Cobalt	16.2	mg/kg		2.2	2.2		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW6010C	7440-50-8	Copper	62.9	mg/kg		28	298		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW6010C	7439-89-6	Iron	35500	mg/kg		5280	5280		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW6010C	7439-92-1	Lead	45.5	mg/kg		11	192		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW6010C	7439-95-4	Magnesium	9610	mg/kg					
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW6010C	7439-96-5	Manganese	355	mg/kg		173	173		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW6010C	7440-02-0	Nickel	26.2	mg/kg		38	134		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW6010C	7440-09-7	Potassium	910	mg/kg					
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW6010C	7440-23-5	Sodium	401	mg/kg					
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW6010C	7440-28-0	Thallium	1.14	mg/kg	U	0.05	0.075		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW6010C	7440-62-2	Vanadium	71.4	mg/kg		7.8	37		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW6010C	7440-66-6	Zinc	72.7	mg/kg		46	2208		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW7471B	7439-97-6	Mercury	0.0682	mg/kg		0.013	1.1		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8081B	53-19-0	2,4-DDD	0.00227	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8081B	3424-82-6	2,4-DDE	0.00227	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8081B	789-02-6	2,4-DDT	0.00227	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8081B	72-54-8	4,4'-DDD	0.00454	mg/kg	U	0.021	2.2		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8081B	72-55-9	4,4'-DDE	0.00227	mg/kg	U	0.021	1.8		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8081B	50-29-3	4,4'-DDT	0.00454	mg/kg	J	0.021	1.8		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8081B	309-00-2	Aldrin	0.00227	mg/kg	U	0.000085	0.031		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00227	mg/kg	U	0.27	1.7		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8081B	60-57-1	Dieldrin	0.00227	mg/kg	U	0.0049	0.033		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8081B	959-98-8	Endosulfan I	0.00227	mg/kg	U	0.64	45		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8081B	33213-65-9	Endosulfan II	0.00227	mg/kg	U	0.64	45		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00454	mg/kg	U	0.64	36		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8081B	72-20-8	Endrin	0.00227	mg/kg	U	0.0014	1.8		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00454	mg/kg	U	0.0014	1.8		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8081B	53494-70-5	Endrin ketone	0.00454	mg/kg	U	0.0014	1.8		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00227	mg/kg	U	0.0096	0.49		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00454	mg/kg	U	0.27	1.7		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8081B	76-44-8	Heptachlor	0.00454	mg/kg	U	0.0016	0.11		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00454	mg/kg	U	0.00015	0.055		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8081B	72-43-5	Methoxychlor	0.00454	mg/kg	U	5.1	31		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8081B	27304-13-8	Oxychlordane	0.00227	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0168	mg/kg	U	23	23		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	83-32-9	Acenaphthene	0.0149	mg/kg	J	29	346		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	208-96-8	Acenaphthylene	0.00596	mg/kg	J	1.9	1.9		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	120-12-7	Anthracene	0.0324	mg/kg	J	29	1728		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.323	mg/kg		1.1	1.1		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.414	mg/kg		0.11	0.11		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.536	mg/kg		1.1	1.1		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.339	mg/kg		1.1	173		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.229	mg/kg		1.1	11		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.284	mg/kg		0.02	37		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.0335	mg/kg	U	90	278		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	86-74-8	Carbazole	0.019	mg/kg	J	7.5	7.5		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	218-01-9	Chrysene	0.365	mg/kg		1.1	106		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0857	mg/kg		0.1056	0.11		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	132-64-9	Dibenzofuran	0.0168	mg/kg	U	6.1	7.5		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0335	mg/kg	U	0.011	605		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	206-44-0	Fluoranthene	0.436	mg/kg		1.1	230		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	86-73-7	Fluorene	0.0115	mg/kg	J	29	230		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.369	mg/kg		1.1	1.1		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	91-20-3	Naphthalene	0.0224	mg/kg	U	1.9	1.9		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	85-01-8	Phenanthrene	0.164	mg/kg		29	1728		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	108-95-2	Phenol	0.0224	mg/kg	U	0.79	1824		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	SW8270D	129-00-0	Pyrene	0.397	mg/kg		1.1	173		
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.6252	mg/kg					
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	3.4937	mg/kg		1.1			
SA-18-SB	723464.469	7834165.058	8/19/2021	0 - 0	SO	N	SA-18-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.6741	mg/kg		29			
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0224	mg/kg		0.0073	0.23		
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	2051-60-7	PCB-1	0.0000025	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	33146-45-1	PCB-10	0.0000062	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	39485-83-1	PCB-100	0.0000025	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	37680-73-2	PCB-101	0.00017	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	68194-06-9	PCB-102	0.0000025	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	60145-21-3	PCB-103	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	56558-16-8	PCB-104	0.00000019	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	32598-14-4	PCB-105	0.000049	mg/kg		0.0043	0.12		
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	70424-69-0	PCB-106	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	70424-68-9	PCB-107	0.0000073	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	70362-41-3	PCB-108	0.000078	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74472-35-8	PCB-109	0.000009	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	2050-67-1	PCB-11	0.000025	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	38380-03-9	PCB-110	0.00026	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	39635-32-0	PCB-111	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74472-36-9	PCB-112	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	68194-10-5	PCB-113	0.00017	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74472-37-0	PCB-114	0.0000012	mg/kg	U	0.003	0.12		
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74472-38-1	PCB-115	0.00026	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	18259-05-7	PCB-116	0.000015	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	68194-11-6	PCB-117	0.000015	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	31508-00-6	PCB-118	0.0001	mg/kg		0.0022	0.12		
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	56558-17-9	PCB-119	0.000078	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	2974-92-7	PCB-12	0.000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	68194-12-7	PCB-120	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	56558-18-0	PCB-121	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	76842-07-4	PCB-122	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	65510-44-3	PCB-123	0.0000012	mg/kg	U	0.003	0.12		
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	70424-70-3	PCB-124	0.0000073	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74472-39-2	PCB-125	0.000078	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	57465-28-8	PCB-126	0.0000012	mg/kg	U	0.00000087	0.000035		
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	39635-33-1	PCB-127	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	38380-07-3	PCB-128	0.00012	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	55215-18-4	PCB-129	0.00084	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	2974-90-5	PCB-13	0.000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52663-66-8	PCB-130	0.000056	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	61798-70-7	PCB-131	0.0000081	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	38380-05-1	PCB-132	0.00031	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	35694-04-3	PCB-133	0.000015	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52704-70-8	PCB-134	0.000046	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52744-13-5	PCB-135	0.00049	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	38411-22-2	PCB-136	0.00013	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	35694-06-5	PCB-137	0.000019	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	35065-28-2	PCB-138	0.00084	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	56030-56-9	PCB-139	0.0000025	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	34883-41-5	PCB-14	0.0000062	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	59291-64-4	PCB-140	0.0000025	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52712-04-6	PCB-141	0.00021	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	41411-61-4	PCB-142	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	68194-15-0	PCB-143	0.000046	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	68194-14-9	PCB-144	0.000073	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74472-40-5	PCB-145	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	51908-16-8	PCB-146	0.00013	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	68194-13-8	PCB-147	0.00099	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74472-41-6	PCB-148	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	38380-04-0	PCB-149	0.00099	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	2050-68-2	PCB-15	0.0000062	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	68194-08-1	PCB-150	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52663-63-5	PCB-151	0.00049	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	68194-09-2	PCB-152	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	35065-27-1	PCB-153	0.00064	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	60145-22-4	PCB-154	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	33979-03-2	PCB-155	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	38380-08-4	PCB-156	0.000058	mg/kg		0.0014	0.12		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	69782-90-7	PCB-157	0.000058	mg/kg		0.0014	0.12		
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74472-42-7	PCB-158	0.000088	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	39635-35-3	PCB-159	0.000036	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	38444-78-9	PCB-16	0.0000013	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	41411-62-5	PCB-160	0.0000025	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74472-43-8	PCB-161	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	39635-34-2	PCB-162	0.0000029	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74472-44-9	PCB-163	0.00084	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74472-45-0	PCB-164	0.00011	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74472-46-1	PCB-165	0.0000057	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	41411-63-6	PCB-166	0.00012	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52663-72-6	PCB-167	0.000037	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	59291-65-5	PCB-168	0.00064	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	32774-16-6	PCB-169	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	37680-66-3	PCB-17	0.0000012	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	35065-30-6	PCB-170	0.00087	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52663-71-5	PCB-171	0.00027	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52663-74-8	PCB-172	0.00017	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	68194-16-1	PCB-173	0.00027	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	38411-25-5	PCB-174	0.00089	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	40186-70-7	PCB-175	0.000041	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52663-65-7	PCB-176	0.0001	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52663-70-4	PCB-177	0.00048	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52663-67-9	PCB-178	0.00016	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52663-64-6	PCB-179	0.00026	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	37680-65-2	PCB-18	0.0000019	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	35065-29-3	PCB-180	0.0019	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74472-47-2	PCB-181	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	60145-23-5	PCB-182	0.0000023	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52663-69-1	PCB-183	0.00046	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74472-48-3	PCB-184	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52712-05-7	PCB-185	0.00013	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74472-49-4	PCB-186	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52663-68-0	PCB-187	0.00078	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74487-85-7	PCB-188	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	39635-31-9	PCB-189	0.000031	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	38444-73-4	PCB-19	0.0000025	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	41411-64-7	PCB-190	0.00016	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74472-50-7	PCB-191	0.000042	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74472-51-8	PCB-192	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	69782-91-8	PCB-193	0.0019	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	35694-08-7	PCB-194	0.00038	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52663-78-2	PCB-195	0.00016	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	42740-50-1	PCB-196	0.00024	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	33091-17-7	PCB-197	0.000018	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	68194-17-2	PCB-198	0.00042	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52663-75-9	PCB-199	0.00042	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	2051-61-8	PCB-2	0.0000025	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	38444-84-7	PCB-20	0.0000036	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52663-73-7	PCB-200	0.000072	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	40186-71-8	PCB-201	0.000064	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	2136-99-4	PCB-202	0.000082	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52663-76-0	PCB-203	0.00025	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74472-52-9	PCB-204	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74472-53-0	PCB-205	0.000024	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	40186-72-9	PCB-206	0.00012	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52663-79-3	PCB-207	0.00002	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52663-77-1	PCB-208	0.000038	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	2051-24-3	PCB-209	0.00002	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	55702-46-0	PCB-21	0.0000021	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	38444-85-8	PCB-22	0.0000012	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	55720-44-0	PCB-23	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	55702-45-9	PCB-24	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	55712-37-3	PCB-25	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	38444-81-4	PCB-26	0.00000065	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	38444-76-7	PCB-27	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	7012-37-5	PCB-28	0.0000036	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	15862-07-4	PCB-29	0.00000065	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	2051-62-9	PCB-3	0.00001	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	35693-92-6	PCB-30	0.0000019	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	16606-02-3	PCB-31	0.0000035	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	38444-77-8	PCB-32	0.00000073	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	38444-86-9	PCB-33	0.0000021	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	37680-68-5	PCB-34	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	37680-69-6	PCB-35	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	38444-87-0	PCB-36	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	38444-90-5	PCB-37	0.0000019	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	53555-66-1	PCB-38	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	38444-88-1	PCB-39	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	13029-08-8	PCB-4	0.0000062	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	38444-93-8	PCB-40	0.0000027	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52663-59-9	PCB-41	0.0000025	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	36559-22-5	PCB-42	0.0000013	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	70362-46-8	PCB-43	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	41464-39-5	PCB-44	0.000012	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	70362-45-7	PCB-45	0.00000099	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	41464-47-5	PCB-46	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	2437-79-8	PCB-47	0.000012	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	70362-47-9	PCB-48	0.000001	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	41464-40-8	PCB-49	0.0000055	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	16605-91-7	PCB-5	0.0000062	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	62796-65-0	PCB-50	0.0000018	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	68194-04-7	PCB-51	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	35693-99-3	PCB-52	0.00003	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	41464-41-9	PCB-53	0.0000018	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	15968-05-5	PCB-54	0.00000019	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74338-24-2	PCB-55	0.0000059	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	41464-43-1	PCB-56	0.0000034	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	70424-67-8	PCB-57	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	41464-49-7	PCB-58	0.0000012	mg/kg	U				

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74472-33-6	PCB-59	0.00000067	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	25569-80-6	PCB-6	0.0000062	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	33025-41-1	PCB-60	0.0000017	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	33284-53-6	PCB-61	0.000025	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	54230-22-7	PCB-62	0.00000067	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74472-34-7	PCB-63	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52663-58-8	PCB-64	0.0000043	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	33284-54-7	PCB-65	0.000012	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	32598-10-0	PCB-66	0.00000085	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	73575-53-8	PCB-67	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	73575-52-7	PCB-68	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	60233-24-1	PCB-69	0.0000055	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	33284-50-3	PCB-7	0.0000062	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	32598-11-1	PCB-70	0.000025	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	41464-46-4	PCB-71	0.0000027	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	41464-42-0	PCB-72	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	74338-23-1	PCB-73	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	32690-93-0	PCB-74	0.000025	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	32598-12-2	PCB-75	0.00000067	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	70362-48-0	PCB-76	0.000025	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	32598-13-3	PCB-77	0.0000013	mg/kg	J	0.000017	0.036		
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	70362-49-1	PCB-78	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	41464-48-6	PCB-79	0.00000073	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	34883-43-7	PCB-8	0.0000062	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	33284-52-5	PCB-80	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	70362-50-4	PCB-81	0.0000012	mg/kg	U	0.00015	0.012		
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52663-62-4	PCB-82	0.000012	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	60145-20-2	PCB-83	0.000012	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52663-60-2	PCB-84	0.000045	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	65510-45-4	PCB-85	0.000015	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	55312-69-1	PCB-86	0.000078	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	38380-02-8	PCB-87	0.000078	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	55215-17-3	PCB-88	0.000023	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	73575-57-2	PCB-89	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	34883-39-1	PCB-9	0.0000062	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	68194-07-0	PCB-90	0.00017	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	68194-05-8	PCB-91	0.000023	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	52663-61-3	PCB-92	0.000036	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	73575-56-1	PCB-93	0.0000025	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	73575-55-0	PCB-94	0.0000012	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	38379-99-6	PCB-95	0.00029	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	73575-54-9	PCB-96	0.00000086	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	41464-51-1	PCB-97	0.000078	mg/kg	J				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	60233-25-2	PCB-98	0.0000025	mg/kg	U				
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	1668C	38380-01-7	PCB-99	0.000042	mg/kg					
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	Organotins	1002-53-5	Dibutyltin	0.044	mg/kg	U	1.8	1.8		
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	Organotins	78763-54-9	Monobutyltin	0.064	mg/kg	U	2.2	2.2		
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	Organotins	1461-25-2	Tetrabutyltin	0.1	mg/kg	U	2.2	2.2		
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	Organotins	688-73-3	Tributyltin	0.051	mg/kg	U	2.2	2.2		
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	SW6020B	7440-36-0	Antimony	0.24	mg/kg	J	0.27	3		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	SW6020B	7782-49-2	Selenium	3.9	mg/kg		0.52	37		
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	SW6020B	7440-22-4	Silver	0.048	mg/kg	J	4.2	37		
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	SW8082A	12674-11-2	Aroclor-1016	0.0018	mg/kg	U	0.041	0.1		
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	SW8082A	11104-28-2	Aroclor-1221	0.0012	mg/kg	U	0.041	0.19		
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	SW8082A	11141-16-5	Aroclor-1232	0.0012	mg/kg	U	0.041	0.16		
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	SW8082A	53469-21-9	Aroclor-1242	0.0012	mg/kg	U	0.041	0.22		
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	SW8082A	12672-29-6	Aroclor-1248	0.0007	mg/kg	U	0.041	0.22		
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	SW8082A	11097-69-1	Aroclor-1254	0.0012	mg/kg	U	0.029	0.029		
SA-18-SB	723464.469	7834165.058	8/20/2021	0 - 0	SO	N	SA-18-SB	SW8082A	11096-82-5	Aroclor-1260	0.0075	mg/kg	J+	0.041	0.23		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0014	mg/kg		0.0073	0.23		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	2051-60-7	PCB-1	0.0000024	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	33146-45-1	PCB-10	0.0000061	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	39485-83-1	PCB-100	0.0000024	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	37680-73-2	PCB-101	0.000017	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	68194-06-9	PCB-102	0.0000024	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	60145-21-3	PCB-103	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	56558-16-8	PCB-104	0.00000019	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	32598-14-4	PCB-105	0.0000071	mg/kg		0.0043	0.12		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	70424-69-0	PCB-106	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	70424-68-9	PCB-107	0.00000097	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	70362-41-3	PCB-108	0.000011	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74472-35-8	PCB-109	0.0000012	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	2050-67-1	PCB-11	0.000024	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	38380-03-9	PCB-110	0.000028	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	39635-32-0	PCB-111	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74472-36-9	PCB-112	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	68194-10-5	PCB-113	0.000017	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74472-37-0	PCB-114	0.0000012	mg/kg	U	0.003	0.12		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74472-38-1	PCB-115	0.000028	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	18259-05-7	PCB-116	0.0000031	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	68194-11-6	PCB-117	0.0000031	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	31508-00-6	PCB-118	0.000015	mg/kg		0.0022	0.12		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	56558-17-9	PCB-119	0.000011	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	2974-92-7	PCB-12	0.000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	68194-12-7	PCB-120	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	56558-18-0	PCB-121	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	76842-07-4	PCB-122	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	65510-44-3	PCB-123	0.00000067	mg/kg	J	0.003	0.12		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	70424-70-3	PCB-124	0.00000097	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74472-39-2	PCB-125	0.000011	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	57465-28-8	PCB-126	0.00000057	mg/kg	J	0.00000087	0.000035		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	39635-33-1	PCB-127	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	38380-07-3	PCB-128	0.000013	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	55215-18-4	PCB-129	0.000061	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	2974-90-5	PCB-13	0.000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52663-66-8	PCB-130	0.0000042	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	61798-70-7	PCB-131	0.00000048	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	38380-05-1	PCB-132	0.000012	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	35694-04-3	PCB-133	0.00000053	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52704-70-8	PCB-134	0.0000016	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52744-13-5	PCB-135	0.0000097	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	38411-22-2	PCB-136	0.0000024	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	35694-06-5	PCB-137	0.0000031	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	35065-28-2	PCB-138	0.000061	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	56030-56-9	PCB-139	0.00000048	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	34883-41-5	PCB-14	0.0000061	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	59291-64-4	PCB-140	0.00000048	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52712-04-6	PCB-141	0.0000093	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	41411-61-4	PCB-142	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	68194-15-0	PCB-143	0.0000016	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	68194-14-9	PCB-144	0.0000011	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74472-40-5	PCB-145	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	51908-16-8	PCB-146	0.0000069	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	68194-13-8	PCB-147	0.000025	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74472-41-6	PCB-148	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	38380-04-0	PCB-149	0.000025	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	2050-68-2	PCB-15	0.0000061	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	68194-08-1	PCB-150	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52663-63-5	PCB-151	0.0000097	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	68194-09-2	PCB-152	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	35065-27-1	PCB-153	0.000036	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	60145-22-4	PCB-154	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	33979-03-2	PCB-155	0.00000027	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	38380-08-4	PCB-156	0.000008	mg/kg		0.0014	0.12		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	69782-90-7	PCB-157	0.000008	mg/kg		0.0014	0.12		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74472-42-7	PCB-158	0.0000054	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	39635-35-3	PCB-159	0.00000066	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	38444-78-9	PCB-16	0.0000024	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	41411-62-5	PCB-160	0.0000024	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74472-43-8	PCB-161	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	39635-34-2	PCB-162	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74472-44-9	PCB-163	0.000061	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74472-45-0	PCB-164	0.0000041	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74472-46-1	PCB-165	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	41411-63-6	PCB-166	0.000013	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52663-72-6	PCB-167	0.0000038	mg/kg					
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	59291-65-5	PCB-168	0.000036	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	32774-16-6	PCB-169	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	37680-66-3	PCB-17	0.0000024	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	35065-30-6	PCB-170	0.000027	mg/kg					
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52663-71-5	PCB-171	0.0000064	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52663-74-8	PCB-172	0.0000053	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	68194-16-1	PCB-173	0.0000064	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	38411-25-5	PCB-174	0.000023	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	40186-70-7	PCB-175	0.00000068	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52663-65-7	PCB-176	0.0000015	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52663-70-4	PCB-177	0.000012	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52663-67-9	PCB-178	0.0000051	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52663-64-6	PCB-179	0.0000054	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	37680-65-2	PCB-18	0.00000052	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	35065-29-3	PCB-180	0.000059	mg/kg					
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74472-47-2	PCB-181	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	60145-23-5	PCB-182	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52663-69-1	PCB-183	0.000012	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74472-48-3	PCB-184	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52712-05-7	PCB-185	0.0000018	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74472-49-4	PCB-186	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52663-68-0	PCB-187	0.000029	mg/kg					
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74487-85-7	PCB-188	0.00000044	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	39635-31-9	PCB-189	0.0000015	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	38444-73-4	PCB-19	0.0000024	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	41411-64-7	PCB-190	0.0000056	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74472-50-7	PCB-191	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74472-51-8	PCB-192	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	69782-91-8	PCB-193	0.000059	mg/kg					
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	35694-08-7	PCB-194	0.000021	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52663-78-2	PCB-195	0.0000063	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	42740-50-1	PCB-196	0.000011	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	33091-17-7	PCB-197	0.00000049	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	68194-17-2	PCB-198	0.000037	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52663-75-9	PCB-199	0.000037	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	2051-61-8	PCB-2	0.0000024	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	38444-84-7	PCB-20	0.00000071	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52663-73-7	PCB-200	0.0000031	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	40186-71-8	PCB-201	0.0000034	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	2136-99-4	PCB-202	0.000009	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52663-76-0	PCB-203	0.000022	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74472-52-9	PCB-204	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74472-53-0	PCB-205	0.0000012	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	40186-72-9	PCB-206	0.000035	mg/kg					
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52663-79-3	PCB-207	0.0000034	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52663-77-1	PCB-208	0.000012	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	2051-24-3	PCB-209	0.000014	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	55702-46-0	PCB-21	0.00000055	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	38444-85-8	PCB-22	0.0000024	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	55720-44-0	PCB-23	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	55702-45-9	PCB-24	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	55712-37-3	PCB-25	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	38444-81-4	PCB-26	0.0000024	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	38444-76-7	PCB-27	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	7012-37-5	PCB-28	0.00000071	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	15862-07-4	PCB-29	0.0000024	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	2051-62-9	PCB-3	0.0000032	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	35693-92-6	PCB-30	0.00000052	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	16606-02-3	PCB-31	0.00000058	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	38444-77-8	PCB-32	0.0000024	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	38444-86-9	PCB-33	0.00000055	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	37680-68-5	PCB-34	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	37680-69-6	PCB-35	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	38444-87-0	PCB-36	0.0000012	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	38444-90-5	PCB-37	0.00000085	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	53555-66-1	PCB-38	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	38444-88-1	PCB-39	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	13029-08-8	PCB-4	0.0000061	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	38444-93-8	PCB-40	0.00000069	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52663-59-9	PCB-41	0.0000024	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	36559-22-5	PCB-42	0.00000027	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	70362-46-8	PCB-43	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	41464-39-5	PCB-44	0.0000027	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	70362-45-7	PCB-45	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	41464-47-5	PCB-46	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	2437-79-8	PCB-47	0.0000027	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	70362-47-9	PCB-48	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	41464-40-8	PCB-49	0.000001	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	16605-91-7	PCB-5	0.0000061	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	62796-65-0	PCB-50	0.0000024	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	68194-04-7	PCB-51	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	35693-99-3	PCB-52	0.0000041	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	41464-41-9	PCB-53	0.0000024	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	15968-05-5	PCB-54	0.00000026	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74338-24-2	PCB-55	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	41464-43-1	PCB-56	0.00000065	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	70424-67-8	PCB-57	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	41464-49-7	PCB-58	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74472-33-6	PCB-59	0.0000037	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	25569-80-6	PCB-6	0.0000061	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	33025-41-1	PCB-60	0.00000044	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	33284-53-6	PCB-61	0.0000039	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	54230-22-7	PCB-62	0.0000037	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74472-34-7	PCB-63	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52663-58-8	PCB-64	0.00000068	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	33284-54-7	PCB-65	0.0000027	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	32598-10-0	PCB-66	0.0000015	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	73575-53-8	PCB-67	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	73575-52-7	PCB-68	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	60233-24-1	PCB-69	0.000001	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	33284-50-3	PCB-7	0.0000061	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	32598-11-1	PCB-70	0.0000039	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	41464-46-4	PCB-71	0.00000069	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	41464-42-0	PCB-72	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	74338-23-1	PCB-73	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	32690-93-0	PCB-74	0.0000039	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	32598-12-2	PCB-75	0.0000037	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	70362-48-0	PCB-76	0.0000039	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	32598-13-3	PCB-77	0.00000087	mg/kg	J	0.000017	0.036		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	70362-49-1	PCB-78	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	41464-48-6	PCB-79	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	34883-43-7	PCB-8	0.0000061	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	33284-52-5	PCB-80	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	70362-50-4	PCB-81	0.0000012	mg/kg	U	0.00015	0.012		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52663-62-4	PCB-82	0.0000021	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	60145-20-2	PCB-83	0.0000016	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52663-60-2	PCB-84	0.0000047	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	65510-45-4	PCB-85	0.0000031	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	55312-69-1	PCB-86	0.000011	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	38380-02-8	PCB-87	0.000011	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	55215-17-3	PCB-88	0.0000026	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	73575-57-2	PCB-89	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	34883-39-1	PCB-9	0.0000061	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	68194-07-0	PCB-90	0.000017	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	68194-05-8	PCB-91	0.0000026	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	52663-61-3	PCB-92	0.0000037	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	73575-56-1	PCB-93	0.0000024	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	73575-55-0	PCB-94	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	38379-99-6	PCB-95	0.000014	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	73575-54-9	PCB-96	0.0000012	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	41464-51-1	PCB-97	0.000011	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	60233-25-2	PCB-98	0.0000024	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	1668C	38380-01-7	PCB-99	0.0000062	mg/kg	J				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	Organotins	1002-53-5	Dibutyltin	0.044	mg/kg	U	1.8	1.8		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	Organotins	1461-25-2	Tetrabutyltin	0.1	mg/kg	U	2.2	2.2		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	Organotins	688-73-3	Tributyltin	0.051	mg/kg	U	2.2	2.2		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW6010C	7429-90-5	Aluminum	18300	mg/kg		50	7392		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW6010C	7440-38-2	Arsenic	1.09	mg/kg	U	0.43	0.43		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW6010C	7440-39-3	Barium	98.3	mg/kg		330	1440		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW6010C	7440-41-7	Beryllium	1.09	mg/kg	U	15	15		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW6010C	7440-43-9	Cadmium	0.0546	mg/kg	U	0.36	0.68		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW6010C	7440-70-2	Calcium	4420	mg/kg					
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW6010C	7440-47-3	Chromium	36.7	mg/kg		0.29	0.29		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW6010C	7440-48-4	Cobalt	12	mg/kg		2.2	2.2		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW6010C	7440-50-8	Copper	26.5	mg/kg		28	298		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW6010C	7439-89-6	Iron	26800	mg/kg		5280	5280		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW6010C	7439-92-1	Lead	14.5	mg/kg		11	192		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW6010C	7439-95-4	Magnesium	6730	mg/kg					
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW6010C	7439-96-5	Manganese	372	mg/kg		173	173		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW6010C	7440-02-0	Nickel	24.9	mg/kg		38	134		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW6010C	7440-09-7	Potassium	652	mg/kg					
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW6010C	7440-23-5	Sodium	269	mg/kg					
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW6010C	7440-28-0	Thallium	1.09	mg/kg	U	0.05	0.075		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW6010C	7440-62-2	Vanadium	64.6	mg/kg		7.8	37		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW6010C	7440-66-6	Zinc	47.5	mg/kg		46	2208		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW6020B	7440-36-0	Antimony	0.16	mg/kg	J	0.27	3		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW6020B	7782-49-2	Selenium	2.4	mg/kg	J	0.52	37		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW6020B	7440-22-4	Silver	0.036	mg/kg	J	4.2	37		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW7471B	7439-97-6	Mercury	0.0305	mg/kg		0.013	1.1		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8081B	53-19-0	2,4-DDD	0.00213	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8081B	3424-82-6	2,4-DDE	0.00213	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8081B	789-02-6	2,4-DDT	0.00213	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8081B	72-54-8	4,4'-DDD	0.00426	mg/kg	U	0.021	2.2		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8081B	72-55-9	4,4'-DDE	0.00213	mg/kg	U	0.021	1.8		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8081B	50-29-3	4,4'-DDT	0.00426	mg/kg	U	0.021	1.8		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8081B	309-00-2	Aldrin	0.00213	mg/kg	U	0.000085	0.031		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00213	mg/kg	U	0.27	1.7		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8081B	60-57-1	Dieldrin	0.00213	mg/kg	U	0.0049	0.033		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8081B	959-98-8	Endosulfan I	0.00213	mg/kg	U	0.64	45		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8081B	33213-65-9	Endosulfan II	0.00213	mg/kg	U	0.64	45		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00426	mg/kg	U	0.64	36		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8081B	72-20-8	Endrin	0.00213	mg/kg	U	0.0014	1.8		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00426	mg/kg	U	0.0014	1.8		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8081B	53494-70-5	Endrin ketone	0.00426	mg/kg	U	0.0014	1.8		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00213	mg/kg	U	0.0096	0.49		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00426	mg/kg	U	0.27	1.7		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8081B	76-44-8	Heptachlor	0.00426	mg/kg	U	0.0016	0.11		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00426	mg/kg	U	0.00015	0.055		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8081B	72-43-5	Methoxychlor	0.00426	mg/kg	U	5.1	31		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8081B	27304-13-8	Oxychlordane	0.00213	mg/kg	U				
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8082A	12674-11-2	Aroclor-1016	0.0018	mg/kg	U	0.041	0.1		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8082A	11104-28-2	Aroclor-1221	0.0012	mg/kg	U	0.041	0.19		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8082A	11141-16-5	Aroclor-1232	0.0012	mg/kg	U	0.041	0.16		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8082A	53469-21-9	Aroclor-1242	0.0012	mg/kg	U	0.041	0.22		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8082A	12672-29-6	Aroclor-1248	0.00071	mg/kg	U	0.041	0.22		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8082A	11097-69-1	Aroclor-1254	0.0012	mg/kg	U	0.029	0.029		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8082A	11096-82-5	Aroclor-1260	0.0018	mg/kg	U	0.041	0.23		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0164	mg/kg	U	23	23		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	83-32-9	Acenaphthene	0.0109	mg/kg	U	29	346		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	208-96-8	Acenaphthylene	0.0109	mg/kg	U	1.9	1.9		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	120-12-7	Anthracene	0.0164	mg/kg	U	29	1728		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.024	mg/kg	J	1.1	1.1		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.0255	mg/kg	J	0.11	0.11		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0349	mg/kg		1.1	1.1		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.0182	mg/kg	J	1.1	173		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0135	mg/kg	J	1.1	11		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.461	mg/kg		0.02	37		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.0327	mg/kg	U	90	278		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	86-74-8	Carbazole	0.00509	mg/kg	J	7.5	7.5		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	218-01-9	Chrysene	0.0171	mg/kg	J	1.1	106		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0164	mg/kg	U	0.1056	0.11		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	132-64-9	Dibenzofuran	0.0164	mg/kg	U	6.1	7.5		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0327	mg/kg	U	0.011	605		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	206-44-0	Fluoranthene	0.0357	mg/kg		1.1	230		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	86-73-7	Fluorene	0.0109	mg/kg	U	29	230		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0236	mg/kg	J	1.1	1.1		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	91-20-3	Naphthalene	0.0218	mg/kg	U	1.9	1.9		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	85-01-8	Phenanthrene	0.0106	mg/kg	J	29	1728		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	108-95-2	Phenol	0.0218	mg/kg	U	0.79	1824		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	SW8270D	129-00-0	Pyrene	0.0346	mg/kg		1.1	173		
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0356	mg/kg					
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.2406	mg/kg		1.1			
SA-19-SB	723435.67	7834181.351	8/20/2021	0 - 0	SO	N	SA-19-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.1227	mg/kg		29			
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0567	mg/kg		0.0073	0.23		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	2051-60-7	PCB-1	0.0000022	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	33146-45-1	PCB-10	0.0000054	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	39485-83-1	PCB-100	0.0000022	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	37680-73-2	PCB-101	0.00054	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	68194-06-9	PCB-102	0.0000022	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	60145-21-3	PCB-103	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	56558-16-8	PCB-104	0.0000001	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	32598-14-4	PCB-105	0.00015	mg/kg		0.0043	0.12		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	70424-69-0	PCB-106	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	70424-68-9	PCB-107	0.000032	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	70362-41-3	PCB-108	0.0002	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74472-35-8	PCB-109	0.000044	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	2050-67-1	PCB-11	0.000022	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	38380-03-9	PCB-110	0.00043	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	39635-32-0	PCB-111	0.0000011	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74472-36-9	PCB-112	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	68194-10-5	PCB-113	0.00054	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74472-37-0	PCB-114	0.0000011	mg/kg	U	0.003	0.12		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74472-38-1	PCB-115	0.00043	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	18259-05-7	PCB-116	0.000046	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	68194-11-6	PCB-117	0.000046	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	31508-00-6	PCB-118	0.00036	mg/kg		0.0022	0.12		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	56558-17-9	PCB-119	0.0002	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	2974-92-7	PCB-12	0.000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	68194-12-7	PCB-120	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	56558-18-0	PCB-121	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	76842-07-4	PCB-122	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	65510-44-3	PCB-123	0.0000011	mg/kg	U	0.003	0.12		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	70424-70-3	PCB-124	0.000032	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74472-39-2	PCB-125	0.0002	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	57465-28-8	PCB-126	0.000028	mg/kg		0.00000087	0.000035		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	39635-33-1	PCB-127	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	38380-07-3	PCB-128	0.00032	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	55215-18-4	PCB-129	0.0037	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	2974-90-5	PCB-13	0.000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52663-66-8	PCB-130	0.00017	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	61798-70-7	PCB-131	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	38380-05-1	PCB-132	0.00053	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	35694-04-3	PCB-133	0.000046	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52704-70-8	PCB-134	0.000076	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52744-13-5	PCB-135	0.00083	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	38411-22-2	PCB-136	0.00014	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	35694-06-5	PCB-137	0.00005	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	35065-28-2	PCB-138	0.0037	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	56030-56-9	PCB-139	0.0000022	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	34883-41-5	PCB-14	0.0000054	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	59291-64-4	PCB-140	0.0000022	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52712-04-6	PCB-141	0.00082	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	41411-61-4	PCB-142	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	68194-15-0	PCB-143	0.000076	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	68194-14-9	PCB-144	0.0001	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74472-40-5	PCB-145	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	51908-16-8	PCB-146	0.00041	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	68194-13-8	PCB-147	0.002	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74472-41-6	PCB-148	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	38380-04-0	PCB-149	0.002	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	2050-68-2	PCB-15	0.0000054	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	68194-08-1	PCB-150	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52663-63-5	PCB-151	0.00083	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	68194-09-2	PCB-152	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	35065-27-1	PCB-153	0.0033	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	60145-22-4	PCB-154	0.000012	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	33979-03-2	PCB-155	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	38380-08-4	PCB-156	0.00025	mg/kg		0.0014	0.12		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	69782-90-7	PCB-157	0.00025	mg/kg		0.0014	0.12		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74472-42-7	PCB-158	0.00026	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	39635-35-3	PCB-159	0.000068	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	38444-78-9	PCB-16	0.0000039	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	41411-62-5	PCB-160	0.0000022	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74472-43-8	PCB-161	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	39635-34-2	PCB-162	0.000011	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74472-44-9	PCB-163	0.0037	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74472-45-0	PCB-164	0.00028	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74472-46-1	PCB-165	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	41411-63-6	PCB-166	0.00032	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52663-72-6	PCB-167	0.00013	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	59291-65-5	PCB-168	0.0033	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	32774-16-6	PCB-169	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	37680-66-3	PCB-17	0.0000036	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	35065-30-6	PCB-170	0.0019	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52663-71-5	PCB-171	0.00044	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52663-74-8	PCB-172	0.00037	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	68194-16-1	PCB-173	0.00044	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	38411-25-5	PCB-174	0.0018	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	40186-70-7	PCB-175	0.000062	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52663-65-7	PCB-176	0.00014	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52663-70-4	PCB-177	0.00097	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52663-67-9	PCB-178	0.00043	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52663-64-6	PCB-179	0.00051	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	37680-65-2	PCB-18	0.0000056	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	35065-29-3	PCB-180	0.004	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74472-47-2	PCB-181	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	60145-23-5	PCB-182	0.0000063	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52663-69-1	PCB-183	0.0007	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74472-48-3	PCB-184	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52712-05-7	PCB-185	0.00021	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74472-49-4	PCB-186	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52663-68-0	PCB-187	0.002	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74487-85-7	PCB-188	0.0000019	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	39635-31-9	PCB-189	0.000071	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	38444-73-4	PCB-19	0.0000022	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	41411-64-7	PCB-190	0.0004	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74472-50-7	PCB-191	0.000072	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74472-51-8	PCB-192	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	69782-91-8	PCB-193	0.004	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	35694-08-7	PCB-194	0.00069	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52663-78-2	PCB-195	0.0003	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	42740-50-1	PCB-196	0.00039	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	33091-17-7	PCB-197	0.000023	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	68194-17-2	PCB-198	0.00096	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52663-75-9	PCB-199	0.00096	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	2051-61-8	PCB-2	0.0000052	mg/kg	J+				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	38444-84-7	PCB-20	0.0000096	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52663-73-7	PCB-200	0.00014	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	40186-71-8	PCB-201	0.000084	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	2136-99-4	PCB-202	0.00015	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52663-76-0	PCB-203	0.00053	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74472-52-9	PCB-204	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74472-53-0	PCB-205	0.000058	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	40186-72-9	PCB-206	0.00024	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52663-79-3	PCB-207	0.000029	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52663-77-1	PCB-208	0.000056	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	2051-24-3	PCB-209	0.000025	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	55702-46-0	PCB-21	0.0000068	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	38444-85-8	PCB-22	0.0000041	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	55720-44-0	PCB-23	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	55702-45-9	PCB-24	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	55712-37-3	PCB-25	0.00000075	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	38444-81-4	PCB-26	0.0000019	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	38444-76-7	PCB-27	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	7012-37-5	PCB-28	0.0000096	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	15862-07-4	PCB-29	0.0000019	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	2051-62-9	PCB-3	0.0000059	mg/kg	J+				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	35693-92-6	PCB-30	0.0000056	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	16606-02-3	PCB-31	0.0000087	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	38444-77-8	PCB-32	0.0000016	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	38444-86-9	PCB-33	0.0000068	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	37680-68-5	PCB-34	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	37680-69-6	PCB-35	0.0000016	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	38444-87-0	PCB-36	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	38444-90-5	PCB-37	0.0000089	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	53555-66-1	PCB-38	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	38444-88-1	PCB-39	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	13029-08-8	PCB-4	0.0000054	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	38444-93-8	PCB-40	0.0000089	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52663-59-9	PCB-41	0.0000021	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	36559-22-5	PCB-42	0.0000043	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	70362-46-8	PCB-43	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	41464-39-5	PCB-44	0.000032	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	70362-45-7	PCB-45	0.0000029	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	41464-47-5	PCB-46	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	2437-79-8	PCB-47	0.000032	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	70362-47-9	PCB-48	0.0000031	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	41464-40-8	PCB-49	0.000018	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	16605-91-7	PCB-5	0.0000054	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	62796-65-0	PCB-50	0.0000024	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	68194-04-7	PCB-51	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	35693-99-3	PCB-52	0.000061	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	41464-41-9	PCB-53	0.0000024	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	15968-05-5	PCB-54	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74338-24-2	PCB-55	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	41464-43-1	PCB-56	0.000013	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	70424-67-8	PCB-57	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	41464-49-7	PCB-58	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74472-33-6	PCB-59	0.0000017	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	25569-80-6	PCB-6	0.0000054	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	33025-41-1	PCB-60	0.0000057	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	33284-53-6	PCB-61	0.000069	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	54230-22-7	PCB-62	0.0000017	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74472-34-7	PCB-63	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52663-58-8	PCB-64	0.00001	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	33284-54-7	PCB-65	0.000032	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	32598-10-0	PCB-66	0.000026	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	73575-53-8	PCB-67	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	73575-52-7	PCB-68	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	60233-24-1	PCB-69	0.000018	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	33284-50-3	PCB-7	0.0000054	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	32598-11-1	PCB-70	0.000069	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	41464-46-4	PCB-71	0.0000089	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	41464-42-0	PCB-72	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	74338-23-1	PCB-73	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	32690-93-0	PCB-74	0.000069	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	32598-12-2	PCB-75	0.0000017	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	70362-48-0	PCB-76	0.000069	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	32598-13-3	PCB-77	0.000014	mg/kg		0.000017	0.036		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	70362-49-1	PCB-78	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	41464-48-6	PCB-79	0.0000041	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	34883-43-7	PCB-8	0.0000054	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	33284-52-5	PCB-80	0.0000021	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	70362-50-4	PCB-81	0.0000011	mg/kg	U	0.00015	0.012		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52663-62-4	PCB-82	0.000024	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	60145-20-2	PCB-83	0.000024	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52663-60-2	PCB-84	0.000052	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	65510-45-4	PCB-85	0.000046	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	55312-69-1	PCB-86	0.0002	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	38380-02-8	PCB-87	0.0002	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	55215-17-3	PCB-88	0.000025	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	73575-57-2	PCB-89	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	34883-39-1	PCB-9	0.0000054	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	68194-07-0	PCB-90	0.00054	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	68194-05-8	PCB-91	0.000025	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	52663-61-3	PCB-92	0.000093	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	73575-56-1	PCB-93	0.0000022	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	73575-55-0	PCB-94	0.0000011	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	38379-99-6	PCB-95	0.00026	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	73575-54-9	PCB-96	0.00000079	mg/kg	J				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	41464-51-1	PCB-97	0.0002	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	60233-25-2	PCB-98	0.0000022	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	1668C	38380-01-7	PCB-99	0.000099	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	Organotins	1002-53-5	Dibutyltin	0.04	mg/kg	U	1.8	1.8		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	Organotins	78763-54-9	Monobutyltin	0.058	mg/kg	U	2.2	2.2		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	Organotins	1461-25-2	Tetrabutyltin	0.093	mg/kg	U	2.2	2.2		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	Organotins	688-73-3	Tributyltin	0.046	mg/kg	U	2.2	2.2		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW6010C	7429-90-5	Aluminum	18800	mg/kg		50	7392		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW6010C	7440-38-2	Arsenic	1.06	mg/kg	U	0.43	0.43		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW6010C	7440-39-3	Barium	109	mg/kg		330	1440		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW6010C	7440-41-7	Beryllium	1.06	mg/kg	U	15	15		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW6010C	7440-43-9	Cadmium	0.69	mg/kg	J	0.36	0.68		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW6010C	7440-70-2	Calcium	6820	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW6010C	7440-47-3	Chromium	39.5	mg/kg		0.29	0.29		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW6010C	7440-48-4	Cobalt	15.1	mg/kg		2.2	2.2		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW6010C	7440-50-8	Copper	43.1	mg/kg		28	298		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW6010C	7439-89-6	Iron	32200	mg/kg		5280	5280		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW6010C	7439-92-1	Lead	246	mg/kg		11	192		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW6010C	7439-95-4	Magnesium	8820	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW6010C	7439-96-5	Manganese	483	mg/kg		173	173		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW6010C	7440-02-0	Nickel	26.8	mg/kg		38	134		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW6010C	7440-09-7	Potassium	1210	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW6010C	7440-23-5	Sodium	476	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW6010C	7440-28-0	Thallium	1.06	mg/kg	U	0.05	0.075		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW6010C	7440-62-2	Vanadium	77.1	mg/kg		7.8	37		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW6010C	7440-66-6	Zinc	94.8	mg/kg		46	2208		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW6020B	7440-36-0	Antimony	0.37	mg/kg		0.27	3		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW6020B	7782-49-2	Selenium	3.3	mg/kg		0.52	37		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW6020B	7440-22-4	Silver	0.039	mg/kg	J	4.2	37		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW7471B	7439-97-6	Mercury	0.057	mg/kg		0.013	1.1		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8081B	53-19-0	2,4-DDD	0.00862	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8081B	3424-82-6	2,4-DDE	0.00204	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8081B	789-02-6	2,4-DDT	0.00204	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8081B	72-54-8	4,4'-DDD	0.00408	mg/kg	U	0.021	2.2		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8081B	72-55-9	4,4'-DDE	0.00204	mg/kg	U	0.021	1.8		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8081B	50-29-3	4,4'-DDT	0.00431	mg/kg	J	0.021	1.8		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8081B	309-00-2	Aldrin	0.00204	mg/kg	U	0.000085	0.031		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00204	mg/kg	U	0.27	1.7		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8081B	60-57-1	Dieldrin	0.00204	mg/kg	U	0.0049	0.033		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8081B	959-98-8	Endosulfan I	0.00204	mg/kg	U	0.64	45		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8081B	33213-65-9	Endosulfan II	0.00204	mg/kg	U	0.64	45		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00408	mg/kg	U	0.64	36		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8081B	72-20-8	Endrin	0.00204	mg/kg	U	0.0014	1.8		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00408	mg/kg	U	0.0014	1.8		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8081B	53494-70-5	Endrin ketone	0.00408	mg/kg	U	0.0014	1.8		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00204	mg/kg	U	0.0096	0.49		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00408	mg/kg	U	0.27	1.7		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8081B	76-44-8	Heptachlor	0.00408	mg/kg	U	0.0016	0.11		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00408	mg/kg	U	0.00015	0.055		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8081B	72-43-5	Methoxychlor	0.00408	mg/kg	U	5.1	31		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8081B	27304-13-8	Oxychlordane	0.00183	mg/kg	U				
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8082A	12674-11-2	Aroclor-1016	0.0016	mg/kg	U	0.041	0.1		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8082A	11104-28-2	Aroclor-1221	0.0011	mg/kg	U	0.041	0.19		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8082A	11141-16-5	Aroclor-1232	0.0011	mg/kg	U	0.041	0.16		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8082A	53469-21-9	Aroclor-1242	0.0011	mg/kg	U	0.041	0.22		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8082A	12672-29-6	Aroclor-1248	0.00066	mg/kg	U	0.041	0.22		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8082A	11097-69-1	Aroclor-1254	0.0011	mg/kg	U	0.029	0.029		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8082A	11096-82-5	Aroclor-1260	0.027	mg/kg		0.041	0.23		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0761	mg/kg	U	23	23		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	83-32-9	Acenaphthene	0.022	mg/kg	J	29	346		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	208-96-8	Acenaphthylene	0.0237	mg/kg	J	1.9	1.9		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	120-12-7	Anthracene	0.0609	mg/kg	J	29	1728		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.489	mg/kg		1.1	1.1		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.479	mg/kg		0.11	0.11		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.858	mg/kg		1.1	1.1		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.35	mg/kg		1.1	173		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.335	mg/kg		1.1	11		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	9.59	mg/kg		0.02	37		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.0575	mg/kg	J	90	278		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	86-74-8	Carbazole	0.0558	mg/kg	J	7.5	7.5		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	218-01-9	Chrysene	0.65	mg/kg		1.1	106		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.144	mg/kg	J	0.1056	0.11		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	132-64-9	Dibenzofuran	0.0761	mg/kg	U	6.1	7.5		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0761	mg/kg	J	0.011	605		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	206-44-0	Fluoranthene	0.963	mg/kg		1.1	230		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	86-73-7	Fluorene	0.0288	mg/kg	J	29	230		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.404	mg/kg		1.1	1.1		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	91-20-3	Naphthalene	0.102	mg/kg	U	1.9	1.9		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	85-01-8	Phenanthrene	0.374	mg/kg		29	1728		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	108-95-2	Phenol	0.102	mg/kg	U	0.79	1824		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	SW8270D	129-00-0	Pyrene	0.858	mg/kg		1.1	173		
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.8021	mg/kg					
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	5.53	mg/kg		1.1			
SA-1-SB	723561.484	7834115.383	8/24/2021	0 - 0	SO	N	SA-01-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	1.5147	mg/kg		29			
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0072	mg/kg		0.0073	0.23		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	2051-60-7	PCB-1	0.0000023	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	33146-45-1	PCB-10	0.0000058	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	39485-83-1	PCB-100	0.0000023	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	37680-73-2	PCB-101	0.00012	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	68194-06-9	PCB-102	0.0000023	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	60145-21-3	PCB-103	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	56558-16-8	PCB-104	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	32598-14-4	PCB-105	0.000064	mg/kg		0.0043	0.12		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	70424-69-0	PCB-106	0.0000012	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	70424-68-9	PCB-107	0.0000064	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	70362-41-3	PCB-108	0.000065	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74472-35-8	PCB-109	0.000011	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	2050-67-1	PCB-11	0.000023	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	38380-03-9	PCB-110	0.00014	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	39635-32-0	PCB-111	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74472-36-9	PCB-112	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	68194-10-5	PCB-113	0.00012	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74472-37-0	PCB-114	0.0000019	mg/kg	J	0.003	0.12		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74472-38-1	PCB-115	0.00014	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	18259-05-7	PCB-116	0.000023	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	68194-11-6	PCB-117	0.000023	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	31508-00-6	PCB-118	0.00012	mg/kg		0.0022	0.12		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	56558-17-9	PCB-119	0.000065	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	2974-92-7	PCB-12	0.000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	68194-12-7	PCB-120	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	56558-18-0	PCB-121	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	76842-07-4	PCB-122	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	65510-44-3	PCB-123	0.0000024	mg/kg		0.003	0.12		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	70424-70-3	PCB-124	0.0000064	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74472-39-2	PCB-125	0.000065	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	57465-28-8	PCB-126	0.0000019	mg/kg	J	0.00000087	0.000035		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	39635-33-1	PCB-127	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	38380-07-3	PCB-128	0.000057	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	55215-18-4	PCB-129	0.00038	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	2974-90-5	PCB-13	0.000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52663-66-8	PCB-130	0.000021	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	61798-70-7	PCB-131	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	38380-05-1	PCB-132	0.00008	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	35694-04-3	PCB-133	0.0000043	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52704-70-8	PCB-134	0.00001	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52744-13-5	PCB-135	0.00011	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	38411-22-2	PCB-136	0.000025	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	35694-06-5	PCB-137	0.000013	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	35065-28-2	PCB-138	0.00038	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	56030-56-9	PCB-139	0.0000023	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	34883-41-5	PCB-14	0.0000058	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	59291-64-4	PCB-140	0.0000023	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52712-04-6	PCB-141	0.000092	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	41411-61-4	PCB-142	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	68194-15-0	PCB-143	0.00001	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	68194-14-9	PCB-144	0.000011	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74472-40-5	PCB-145	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	51908-16-8	PCB-146	0.000047	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	68194-13-8	PCB-147	0.00023	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74472-41-6	PCB-148	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	38380-04-0	PCB-149	0.00023	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	2050-68-2	PCB-15	0.0000058	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	68194-08-1	PCB-150	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52663-63-5	PCB-151	0.00011	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	68194-09-2	PCB-152	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	35065-27-1	PCB-153	0.00031	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	60145-22-4	PCB-154	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	33979-03-2	PCB-155	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	38380-08-4	PCB-156	0.00004	mg/kg		0.0014	0.12		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	69782-90-7	PCB-157	0.00004	mg/kg		0.0014	0.12		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74472-42-7	PCB-158	0.000033	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	39635-35-3	PCB-159	0.0000064	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	38444-78-9	PCB-16	0.00000052	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	41411-62-5	PCB-160	0.0000023	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74472-43-8	PCB-161	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	39635-34-2	PCB-162	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74472-44-9	PCB-163	0.00038	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74472-45-0	PCB-164	0.000031	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74472-46-1	PCB-165	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	41411-63-6	PCB-166	0.000057	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52663-72-6	PCB-167	0.000015	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	59291-65-5	PCB-168	0.00031	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	32774-16-6	PCB-169	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	37680-66-3	PCB-17	0.00000042	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	35065-30-6	PCB-170	0.00018	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52663-71-5	PCB-171	0.000047	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52663-74-8	PCB-172	0.000037	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	68194-16-1	PCB-173	0.000047	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	38411-25-5	PCB-174	0.00018	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	40186-70-7	PCB-175	0.0000055	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52663-65-7	PCB-176	0.000016	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52663-70-4	PCB-177	0.000097	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52663-67-9	PCB-178	0.000044	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52663-64-6	PCB-179	0.000066	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	37680-65-2	PCB-18	0.00000079	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	35065-29-3	PCB-180	0.00035	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74472-47-2	PCB-181	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	60145-23-5	PCB-182	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52663-69-1	PCB-183	0.000079	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74472-48-3	PCB-184	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52712-05-7	PCB-185	0.000024	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74472-49-4	PCB-186	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52663-68-0	PCB-187	0.00019	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74487-85-7	PCB-188	0.0000002	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	39635-31-9	PCB-189	0.0000056	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	38444-73-4	PCB-19	0.0000023	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	41411-64-7	PCB-190	0.000041	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74472-50-7	PCB-191	0.0000063	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74472-51-8	PCB-192	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	69782-91-8	PCB-193	0.00035	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	35694-08-7	PCB-194	0.000083	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52663-78-2	PCB-195	0.000034	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	42740-50-1	PCB-196	0.000049	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	33091-17-7	PCB-197	0.0000024	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	68194-17-2	PCB-198	0.00012	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52663-75-9	PCB-199	0.00012	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	2051-61-8	PCB-2	0.0000023	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	38444-84-7	PCB-20	0.0000015	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52663-73-7	PCB-200	0.000017	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	40186-71-8	PCB-201	0.000012	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	2136-99-4	PCB-202	0.000023	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52663-76-0	PCB-203	0.00007	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74472-52-9	PCB-204	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74472-53-0	PCB-205	0.0000055	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	40186-72-9	PCB-206	0.000042	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52663-79-3	PCB-207	0.0000056	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52663-77-1	PCB-208	0.000012	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	2051-24-3	PCB-209	0.0000092	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	55702-46-0	PCB-21	0.00000083	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	38444-85-8	PCB-22	0.0000005	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	55720-44-0	PCB-23	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	55702-45-9	PCB-24	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	55712-37-3	PCB-25	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	38444-81-4	PCB-26	0.0000023	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	38444-76-7	PCB-27	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	7012-37-5	PCB-28	0.0000015	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	15862-07-4	PCB-29	0.0000023	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	2051-62-9	PCB-3	0.0000058	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	35693-92-6	PCB-30	0.00000079	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	16606-02-3	PCB-31	0.0000017	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	38444-77-8	PCB-32	0.00000028	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	38444-86-9	PCB-33	0.00000083	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	37680-68-5	PCB-34	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	37680-69-6	PCB-35	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	38444-87-0	PCB-36	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	38444-90-5	PCB-37	0.000002	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	53555-66-1	PCB-38	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	38444-88-1	PCB-39	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	13029-08-8	PCB-4	0.0000058	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	38444-93-8	PCB-40	0.0000013	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52663-59-9	PCB-41	0.0000023	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	36559-22-5	PCB-42	0.00000068	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	70362-46-8	PCB-43	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	41464-39-5	PCB-44	0.0000071	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	70362-45-7	PCB-45	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	41464-47-5	PCB-46	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	2437-79-8	PCB-47	0.0000071	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	70362-47-9	PCB-48	0.00000047	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	41464-40-8	PCB-49	0.0000048	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	16605-91-7	PCB-5	0.0000058	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	62796-65-0	PCB-50	0.00000062	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	68194-04-7	PCB-51	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	35693-99-3	PCB-52	0.000018	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	41464-41-9	PCB-53	0.00000062	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	15968-05-5	PCB-54	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74338-24-2	PCB-55	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	41464-43-1	PCB-56	0.0000028	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	70424-67-8	PCB-57	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	41464-49-7	PCB-58	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74472-33-6	PCB-59	0.0000035	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	25569-80-6	PCB-6	0.0000058	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	33025-41-1	PCB-60	0.0000016	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	33284-53-6	PCB-61	0.000021	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	54230-22-7	PCB-62	0.0000035	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74472-34-7	PCB-63	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52663-58-8	PCB-64	0.0000033	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	33284-54-7	PCB-65	0.0000071	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	32598-10-0	PCB-66	0.0000059	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	73575-53-8	PCB-67	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	73575-52-7	PCB-68	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	60233-24-1	PCB-69	0.0000048	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	33284-50-3	PCB-7	0.0000058	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	32598-11-1	PCB-70	0.000021	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	41464-46-4	PCB-71	0.0000013	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	41464-42-0	PCB-72	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	74338-23-1	PCB-73	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	32690-93-0	PCB-74	0.000021	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	32598-12-2	PCB-75	0.0000035	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	70362-48-0	PCB-76	0.000021	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	32598-13-3	PCB-77	0.0000028	mg/kg		0.000017	0.036		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	70362-49-1	PCB-78	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	41464-48-6	PCB-79	0.00000076	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	34883-43-7	PCB-8	0.0000058	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	33284-52-5	PCB-80	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	70362-50-4	PCB-81	0.0000012	mg/kg	U	0.00015	0.012		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52663-62-4	PCB-82	0.0000091	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	60145-20-2	PCB-83	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52663-60-2	PCB-84	0.000013	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	65510-45-4	PCB-85	0.000023	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	55312-69-1	PCB-86	0.000065	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	38380-02-8	PCB-87	0.000065	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	55215-17-3	PCB-88	0.00001	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	73575-57-2	PCB-89	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	34883-39-1	PCB-9	0.0000058	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	68194-07-0	PCB-90	0.00012	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	68194-05-8	PCB-91	0.00001	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	52663-61-3	PCB-92	0.00002	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	73575-56-1	PCB-93	0.0000023	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	73575-55-0	PCB-94	0.0000012	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	38379-99-6	PCB-95	0.00006	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	73575-54-9	PCB-96	0.00000024	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	41464-51-1	PCB-97	0.000065	mg/kg	J				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	60233-25-2	PCB-98	0.0000023	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	1668C	38380-01-7	PCB-99	0.000046	mg/kg					

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	Organotins	1002-53-5	Dibutyltin	0.044	mg/kg	U	1.8	1.8		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	Organotins	1461-25-2	Tetrabutyltin	0.1	mg/kg	U	2.2	2.2		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	Organotins	688-73-3	Tributyltin	0.052	mg/kg	UJ	2.2	2.2		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW6010C	7429-90-5	Aluminum	21000	mg/kg		50	7392		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW6010C	7440-38-2	Arsenic	1.04	mg/kg	UJ	0.43	0.43		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW6010C	7440-39-3	Barium	115	mg/kg		330	1440		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW6010C	7440-41-7	Beryllium	1.04	mg/kg	UJ	15	15		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW6010C	7440-43-9	Cadmium	0.518	mg/kg	U	0.36	0.68		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW6010C	7440-70-2	Calcium	5850	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW6010C	7440-47-3	Chromium	41.9	mg/kg		0.29	0.29		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW6010C	7440-48-4	Cobalt	14.9	mg/kg		2.2	2.2		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW6010C	7440-50-8	Copper	40.7	mg/kg		28	298		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW6010C	7439-89-6	Iron	26600	mg/kg		5280	5280		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW6010C	7439-92-1	Lead	44.3	mg/kg	J-	11	192		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW6010C	7439-95-4	Magnesium	7170	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW6010C	7439-96-5	Manganese	436	mg/kg		173	173		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW6010C	7440-02-0	Nickel	23.2	mg/kg		38	134		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW6010C	7440-09-7	Potassium	665	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW6010C	7440-23-5	Sodium	558	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW6010C	7440-28-0	Thallium	1.04	mg/kg	UJ	0.05	0.075		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW6010C	7440-62-2	Vanadium	68.6	mg/kg		7.8	37		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW6010C	7440-66-6	Zinc	71.7	mg/kg	J-	46	2208		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW6020B	7440-36-0	Antimony	0.41	mg/kg	J J1	0.27	3		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW6020B	7782-49-2	Selenium	2.6	mg/kg		0.52	37		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW6020B	7440-22-4	Silver	0.03	mg/kg	J	4.2	37		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW7471B	7439-97-6	Mercury	0.055	mg/kg		0.013	1.1		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8081B	53-19-0	2,4-DDD	0.00222	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8081B	3424-82-6	2,4-DDE	0.00222	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8081B	789-02-6	2,4-DDT	0.00222	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8081B	72-54-8	4,4'-DDD	0.00444	mg/kg	U	0.021	2.2		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8081B	72-55-9	4,4'-DDE	0.00222	mg/kg	U	0.021	1.8		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8081B	50-29-3	4,4'-DDT	0.00444	mg/kg	U	0.021	1.8		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8081B	309-00-2	Aldrin	0.00222	mg/kg	U	0.000085	0.031		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8081B	5103-71-9	alpha-Chlordane	0.0209	mg/kg	J	0.27	1.7		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8081B	60-57-1	Dieldrin	0.00222	mg/kg	U	0.0049	0.033		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8081B	959-98-8	Endosulfan I	0.00222	mg/kg	U	0.64	45		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8081B	33213-65-9	Endosulfan II	0.00222	mg/kg	U	0.64	45		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00444	mg/kg	U	0.64	36		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8081B	72-20-8	Endrin	0.00222	mg/kg	U	0.0014	1.8		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00444	mg/kg	U	0.0014	1.8		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8081B	53494-70-5	Endrin ketone	0.00444	mg/kg	U	0.0014	1.8		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00222	mg/kg	U	0.0096	0.49		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00365	mg/kg	U	0.27	1.7		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8081B	76-44-8	Heptachlor	0.00444	mg/kg	U	0.0016	0.11		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00444	mg/kg	U	0.00015	0.055		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8081B	72-43-5	Methoxychlor	0.00444	mg/kg	U	5.1	31		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8081B	27304-13-8	Oxychlordane	0.000754	mg/kg	U				
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8082A	12674-11-2	Aroclor-1016	0.0018	mg/kg	U	0.041	0.1		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8082A	11104-28-2	Aroclor-1221	0.0012	mg/kg	U	0.041	0.19		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8082A	11141-16-5	Aroclor-1232	0.0012	mg/kg	U	0.041	0.16		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8082A	53469-21-9	Aroclor-1242	0.0012	mg/kg	U	0.041	0.22		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8082A	12672-29-6	Aroclor-1248	0.00072	mg/kg	U	0.041	0.22		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8082A	11097-69-1	Aroclor-1254	0.0012	mg/kg	U	0.029	0.029		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8082A	11096-82-5	Aroclor-1260	0.0053	mg/kg		0.041	0.23		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0806	mg/kg	U	23	23		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	83-32-9	Acenaphthene	0.0538	mg/kg	U	29	346		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	208-96-8	Acenaphthylene	0.0538	mg/kg	U	1.9	1.9		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	120-12-7	Anthracene	0.0806	mg/kg	U	29	1728		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.0824	mg/kg	J	1.1	1.1		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.095	mg/kg	J	0.11	0.11		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.108	mg/kg	J	1.1	1.1		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.0717	mg/kg	J	1.1	173		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0627	mg/kg	J	1.1	11		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.797	mg/kg	J	0.02	37		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.161	mg/kg	U	90	278		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	86-74-8	Carbazole	0.0538	mg/kg	U	7.5	7.5		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	218-01-9	Chrysene	0.0663	mg/kg	J	1.1	106		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0806	mg/kg	U	0.1056	0.11		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	132-64-9	Dibenzofuran	0.0806	mg/kg	U	6.1	7.5		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.161	mg/kg	U	0.011	605		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	206-44-0	Fluoranthene	0.136	mg/kg	J	1.1	230		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	86-73-7	Fluorene	0.0538	mg/kg	U	29	230		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0932	mg/kg	J	1.1	1.1		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	91-20-3	Naphthalene	0.108	mg/kg	U	1.9	1.9		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	85-01-8	Phenanthrene	0.0538	mg/kg	J	29	1728		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	108-95-2	Phenol	0.108	mg/kg	U	0.79	1824		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	SW8270D	129-00-0	Pyrene	0.122	mg/kg	J	1.1	173		
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.1299	mg/kg					
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.9042	mg/kg		1.1			
SA-20-SB	723412.108	7834204.99	8/24/2021	0 - 0	SO	N	SA-20-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.5666	mg/kg		29			
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0013	mg/kg		0.0073	0.23		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	2051-60-7	PCB-1	0.0000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	33146-45-1	PCB-10	0.0000056	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	39485-83-1	PCB-100	0.0000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	37680-73-2	PCB-101	0.0000094	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	68194-06-9	PCB-102	0.0000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	60145-21-3	PCB-103	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	56558-16-8	PCB-104	0.00000044	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	32598-14-4	PCB-105	0.0000037	mg/kg		0.0043	0.12		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	70424-69-0	PCB-106	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	70424-68-9	PCB-107	0.0000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	70362-41-3	PCB-108	0.0000034	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74472-35-8	PCB-109	0.00000056	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	2050-67-1	PCB-11	0.000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	38380-03-9	PCB-110	0.0000086	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	39635-32-0	PCB-111	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74472-36-9	PCB-112	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	68194-10-5	PCB-113	0.0000094	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74472-37-0	PCB-114	0.0000011	mg/kg	U	0.003	0.12		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74472-38-1	PCB-115	0.0000086	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	18259-05-7	PCB-116	0.0000008	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	68194-11-6	PCB-117	0.0000008	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	31508-00-6	PCB-118	0.0000087	mg/kg		0.0022	0.12		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	56558-17-9	PCB-119	0.0000034	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	2974-92-7	PCB-12	0.000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	68194-12-7	PCB-120	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	56558-18-0	PCB-121	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	76842-07-4	PCB-122	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	65510-44-3	PCB-123	0.0000003	mg/kg	J	0.003	0.12		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	70424-70-3	PCB-124	0.0000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74472-39-2	PCB-125	0.0000034	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	57465-28-8	PCB-126	0.0000011	mg/kg	U	0.00000087	0.000035		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	39635-33-1	PCB-127	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	38380-07-3	PCB-128	0.0000058	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	55215-18-4	PCB-129	0.000057	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	2974-90-5	PCB-13	0.000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52663-66-8	PCB-130	0.000002	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	61798-70-7	PCB-131	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	38380-05-1	PCB-132	0.00001	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	35694-04-3	PCB-133	0.00000059	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52704-70-8	PCB-134	0.0000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52744-13-5	PCB-135	0.000014	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	38411-22-2	PCB-136	0.0000025	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	35694-06-5	PCB-137	0.00000091	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	35065-28-2	PCB-138	0.000057	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	56030-56-9	PCB-139	0.0000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	34883-41-5	PCB-14	0.0000056	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	59291-64-4	PCB-140	0.0000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52712-04-6	PCB-141	0.000014	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	41411-61-4	PCB-142	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	68194-15-0	PCB-143	0.0000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	68194-14-9	PCB-144	0.0000016	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74472-40-5	PCB-145	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	51908-16-8	PCB-146	0.0000069	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	68194-13-8	PCB-147	0.000034	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74472-41-6	PCB-148	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	38380-04-0	PCB-149	0.000034	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	2050-68-2	PCB-15	0.0000056	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	68194-08-1	PCB-150	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52663-63-5	PCB-151	0.000014	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	68194-09-2	PCB-152	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	35065-27-1	PCB-153	0.000053	mg/kg					
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	60145-22-4	PCB-154	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	33979-03-2	PCB-155	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	38380-08-4	PCB-156	0.0000055	mg/kg		0.0014	0.12		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	69782-90-7	PCB-157	0.0000055	mg/kg		0.0014	0.12		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74472-42-7	PCB-158	0.0000047	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	39635-35-3	PCB-159	0.0000019	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	38444-78-9	PCB-16	0.0000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	41411-62-5	PCB-160	0.0000023	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74472-43-8	PCB-161	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	39635-34-2	PCB-162	0.00000015	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74472-44-9	PCB-163	0.000057	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74472-45-0	PCB-164	0.0000039	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74472-46-1	PCB-165	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	41411-63-6	PCB-166	0.0000058	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52663-72-6	PCB-167	0.0000024	mg/kg					
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	59291-65-5	PCB-168	0.000053	mg/kg					
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	32774-16-6	PCB-169	0.00000061	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	37680-66-3	PCB-17	0.0000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	35065-30-6	PCB-170	0.000039	mg/kg					
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52663-71-5	PCB-171	0.000012	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52663-74-8	PCB-172	0.0000086	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	68194-16-1	PCB-173	0.000012	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	38411-25-5	PCB-174	0.000048	mg/kg					
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	40186-70-7	PCB-175	0.0000019	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52663-65-7	PCB-176	0.0000042	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52663-70-4	PCB-177	0.000024	mg/kg					
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52663-67-9	PCB-178	0.000009	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52663-64-6	PCB-179	0.000011	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	37680-65-2	PCB-18	0.00000046	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	35065-29-3	PCB-180	0.000099	mg/kg					
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74472-47-2	PCB-181	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	60145-23-5	PCB-182	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52663-69-1	PCB-183	0.000025	mg/kg					
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74472-48-3	PCB-184	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52712-05-7	PCB-185	0.0000076	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74472-49-4	PCB-186	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52663-68-0	PCB-187	0.000048	mg/kg					
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74487-85-7	PCB-188	0.00000026	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	39635-31-9	PCB-189	0.0000012	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	38444-73-4	PCB-19	0.0000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	41411-64-7	PCB-190	0.000008	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74472-50-7	PCB-191	0.0000018	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74472-51-8	PCB-192	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	69782-91-8	PCB-193	0.000099	mg/kg					
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	35694-08-7	PCB-194	0.000016	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52663-78-2	PCB-195	0.0000073	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	42740-50-1	PCB-196	0.000013	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	33091-17-7	PCB-197	0.000001	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	68194-17-2	PCB-198	0.000026	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52663-75-9	PCB-199	0.000026	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	2051-61-8	PCB-2	0.0000015	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	38444-84-7	PCB-20	0.000001	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52663-73-7	PCB-200	0.000004	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	40186-71-8	PCB-201	0.0000039	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	2136-99-4	PCB-202	0.0000057	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52663-76-0	PCB-203	0.000015	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74472-52-9	PCB-204	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74472-53-0	PCB-205	0.00000075	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	40186-72-9	PCB-206	0.0000059	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52663-79-3	PCB-207	0.0000012	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52663-77-1	PCB-208	0.0000024	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	2051-24-3	PCB-209	0.00000081	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	55702-46-0	PCB-21	0.00000059	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	38444-85-8	PCB-22	0.00000028	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	55720-44-0	PCB-23	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	55702-45-9	PCB-24	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	55712-37-3	PCB-25	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	38444-81-4	PCB-26	0.0000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	38444-76-7	PCB-27	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	7012-37-5	PCB-28	0.000001	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	15862-07-4	PCB-29	0.0000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	2051-62-9	PCB-3	0.000005	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	35693-92-6	PCB-30	0.00000046	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	16606-02-3	PCB-31	0.00000092	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	38444-77-8	PCB-32	0.0000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	38444-86-9	PCB-33	0.00000059	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	37680-68-5	PCB-34	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	37680-69-6	PCB-35	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	38444-87-0	PCB-36	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	38444-90-5	PCB-37	0.00000062	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	53555-66-1	PCB-38	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	38444-88-1	PCB-39	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	13029-08-8	PCB-4	0.0000056	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	38444-93-8	PCB-40	0.00000048	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52663-59-9	PCB-41	0.0000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	36559-22-5	PCB-42	0.0000002	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	70362-46-8	PCB-43	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	41464-39-5	PCB-44	0.0000015	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	70362-45-7	PCB-45	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	41464-47-5	PCB-46	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	2437-79-8	PCB-47	0.0000015	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	70362-47-9	PCB-48	0.00000016	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	41464-40-8	PCB-49	0.00000054	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	16605-91-7	PCB-5	0.0000056	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	62796-65-0	PCB-50	0.0000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	68194-04-7	PCB-51	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	35693-99-3	PCB-52	0.0000011	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	41464-41-9	PCB-53	0.0000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	15968-05-5	PCB-54	0.00000029	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74338-24-2	PCB-55	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	41464-43-1	PCB-56	0.00000038	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	70424-67-8	PCB-57	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	41464-49-7	PCB-58	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74472-33-6	PCB-59	0.0000034	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	25569-80-6	PCB-6	0.0000056	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	33025-41-1	PCB-60	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	33284-53-6	PCB-61	0.0000019	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	54230-22-7	PCB-62	0.0000034	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74472-34-7	PCB-63	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52663-58-8	PCB-64	0.00000025	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	33284-54-7	PCB-65	0.0000015	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	32598-10-0	PCB-66	0.00000097	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	73575-53-8	PCB-67	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	73575-52-7	PCB-68	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	60233-24-1	PCB-69	0.00000054	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	33284-50-3	PCB-7	0.0000056	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	32598-11-1	PCB-70	0.0000019	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	41464-46-4	PCB-71	0.00000048	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	41464-42-0	PCB-72	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	74338-23-1	PCB-73	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	32690-93-0	PCB-74	0.0000019	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	32598-12-2	PCB-75	0.0000034	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	70362-48-0	PCB-76	0.0000019	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	32598-13-3	PCB-77	0.00000071	mg/kg	J	0.000017	0.036		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	70362-49-1	PCB-78	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	41464-48-6	PCB-79	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	34883-43-7	PCB-8	0.0000056	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	33284-52-5	PCB-80	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	70362-50-4	PCB-81	0.0000011	mg/kg	U	0.00015	0.012		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52663-62-4	PCB-82	0.00000056	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	60145-20-2	PCB-83	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52663-60-2	PCB-84	0.0000008	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	65510-45-4	PCB-85	0.0000008	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	55312-69-1	PCB-86	0.0000034	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	38380-02-8	PCB-87	0.0000034	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	55215-17-3	PCB-88	0.0000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	73575-57-2	PCB-89	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	34883-39-1	PCB-9	0.0000056	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	68194-07-0	PCB-90	0.0000094	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	68194-05-8	PCB-91	0.0000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	52663-61-3	PCB-92	0.000001	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	73575-56-1	PCB-93	0.0000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	73575-55-0	PCB-94	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	38379-99-6	PCB-95	0.0000035	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	73575-54-9	PCB-96	0.0000011	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	41464-51-1	PCB-97	0.0000034	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	60233-25-2	PCB-98	0.0000023	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	1668C	38380-01-7	PCB-99	0.0000021	mg/kg	J				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	Organotins	1002-53-5	Dibutyltin	0.041	mg/kg	U	1.8	1.8		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	Organotins	78763-54-9	Monobutyltin	0.059	mg/kg	U	2.2	2.2		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	Organotins	1461-25-2	Tetrabutyltin	0.095	mg/kg	U	2.2	2.2		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	Organotins	688-73-3	Tributyltin	0.047	mg/kg	U	2.2	2.2		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW6010C	7429-90-5	Aluminum	19100	mg/kg		50	7392		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW6010C	7440-38-2	Arsenic	1.09	mg/kg	U	0.43	0.43		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW6010C	7440-39-3	Barium	123	mg/kg		330	1440		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW6010C	7440-41-7	Beryllium	1.09	mg/kg	U	15	15		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW6010C	7440-43-9	Cadmium	0.0353	mg/kg	J	0.36	0.68		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW6010C	7440-70-2	Calcium	5690	mg/kg					

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW6010C	7440-47-3	Chromium	24	mg/kg		0.29	0.29		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW6010C	7440-48-4	Cobalt	13.4	mg/kg		2.2	2.2		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW6010C	7440-50-8	Copper	26.1	mg/kg		28	298		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW6010C	7439-89-6	Iron	28700	mg/kg		5280	5280		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW6010C	7439-92-1	Lead	9.14	mg/kg		11	192		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW6010C	7439-95-4	Magnesium	6540	mg/kg					
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW6010C	7439-96-5	Manganese	964	mg/kg		173	173		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW6010C	7440-02-0	Nickel	22.1	mg/kg		38	134		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW6010C	7440-09-7	Potassium	921	mg/kg					
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW6010C	7440-23-5	Sodium	333	mg/kg					
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW6010C	7440-28-0	Thallium	1.09	mg/kg	U	0.05	0.075		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW6010C	7440-62-2	Vanadium	68.6	mg/kg		7.8	37		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW6010C	7440-66-6	Zinc	51.9	mg/kg		46	2208		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW6020B	7440-36-0	Antimony	0.2	mg/kg	J	0.27	3		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW6020B	7782-49-2	Selenium	2.9	mg/kg		0.52	37		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW6020B	7440-22-4	Silver	0.048	mg/kg	J	4.2	37		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW7471B	7439-97-6	Mercury	0.0342	mg/kg		0.013	1.1		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8081B	53-19-0	2,4-DDD	0.00212	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8081B	3424-82-6	2,4-DDE	0.00212	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8081B	789-02-6	2,4-DDT	0.00212	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8081B	72-54-8	4,4'-DDD	0.00425	mg/kg	U	0.021	2.2		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8081B	72-55-9	4,4'-DDE	0.00212	mg/kg	U	0.021	1.8		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8081B	50-29-3	4,4'-DDT	0.00425	mg/kg	U	0.021	1.8		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8081B	309-00-2	Aldrin	0.00212	mg/kg	U	0.000085	0.031		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00212	mg/kg	U	0.27	1.7		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8081B	60-57-1	Dieldrin	0.00212	mg/kg	U	0.0049	0.033		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8081B	959-98-8	Endosulfan I	0.00212	mg/kg	U	0.64	45		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8081B	33213-65-9	Endosulfan II	0.00212	mg/kg	U	0.64	45		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00425	mg/kg	U	0.64	36		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8081B	72-20-8	Endrin	0.00212	mg/kg	U	0.0014	1.8		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00425	mg/kg	U	0.0014	1.8		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8081B	53494-70-5	Endrin ketone	0.00425	mg/kg	U	0.0014	1.8		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00212	mg/kg	U	0.0096	0.49		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00425	mg/kg	U	0.27	1.7		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8081B	76-44-8	Heptachlor	0.00425	mg/kg	U	0.0016	0.11		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00425	mg/kg	U	0.00015	0.055		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8081B	72-43-5	Methoxychlor	0.00425	mg/kg	U	5.1	31		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8081B	27304-13-8	Oxychlordane	0.00212	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8082A	12674-11-2	Aroclor-1016	0.0016	mg/kg	U	0.041	0.1		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8082A	11104-28-2	Aroclor-1221	0.0011	mg/kg	U	0.041	0.19		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8082A	11141-16-5	Aroclor-1232	0.0011	mg/kg	U	0.041	0.16		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8082A	53469-21-9	Aroclor-1242	0.0011	mg/kg	U	0.041	0.22		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8082A	12672-29-6	Aroclor-1248	0.00066	mg/kg	U	0.041	0.22		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8082A	11097-69-1	Aroclor-1254	0.0011	mg/kg	U	0.029	0.029		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8082A	11096-82-5	Aroclor-1260	0.0016	mg/kg	U	0.041	0.23		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0162	mg/kg	U	23	23		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	83-32-9	Acenaphthene	0.0108	mg/kg	U	29	346		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	208-96-8	Acenaphthylene	0.0108	mg/kg	U	1.9	1.9		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	120-12-7	Anthracene	0.0162	mg/kg	U	29	1728		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.0162	mg/kg	U	1.1	1.1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.0432	mg/kg	U	0.11	0.11		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0216	mg/kg	U	1.1	1.1		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.0216	mg/kg	U	1.1	173		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0216	mg/kg	U	1.1	11		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.129	mg/kg	U	0.02	37		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.0324	mg/kg	U	90	278		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	86-74-8	Carbazole	0.0108	mg/kg	U	7.5	7.5		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	218-01-9	Chrysene	0.0108	mg/kg	U	1.1	106		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0162	mg/kg	U	0.1056	0.11		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	132-64-9	Dibenzofuran	0.0162	mg/kg	U	6.1	7.5		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0324	mg/kg	U	0.011	605		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	206-44-0	Fluoranthene	0.0216	mg/kg	U	1.1	230		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	86-73-7	Fluorene	0.0108	mg/kg	U	29	230		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0216	mg/kg	U	1.1	1.1		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	91-20-3	Naphthalene	0.0216	mg/kg	U	1.9	1.9		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	85-01-8	Phenanthrene	0.0162	mg/kg	U	29	1728		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	108-95-2	Phenol	0.0216	mg/kg	U	0.79	1824		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	SW8270D	129-00-0	Pyrene	0.0162	mg/kg	U	1.1	173		
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0656	mg/kg	U				
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.2106	mg/kg	U	1.1			
SA-21-SB	723409.59	7834170.4	8/20/2021	0 - 0	SO	N	SA-21-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.1134	mg/kg	U	29			
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0037	mg/kg		0.0073	0.23		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	2051-60-7	PCB-1	0.0000023	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	33146-45-1	PCB-10	0.0000059	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	39485-83-1	PCB-100	0.0000023	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	37680-73-2	PCB-101	0.000036	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	68194-06-9	PCB-102	0.0000023	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	60145-21-3	PCB-103	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	56558-16-8	PCB-104	0.00000016	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	32598-14-4	PCB-105	0.000035	mg/kg		0.0043	0.12		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	70424-69-0	PCB-106	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	70424-68-9	PCB-107	0.0000043	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	70362-41-3	PCB-108	0.000023	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74472-35-8	PCB-109	0.0000048	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	2050-67-1	PCB-11	0.000023	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	38380-03-9	PCB-110	0.000037	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	39635-32-0	PCB-111	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74472-36-9	PCB-112	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	68194-10-5	PCB-113	0.000036	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74472-37-0	PCB-114	0.0000011	mg/kg	J	0.003	0.12		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74472-38-1	PCB-115	0.000037	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	18259-05-7	PCB-116	0.000012	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	68194-11-6	PCB-117	0.000012	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	31508-00-6	PCB-118	0.000059	mg/kg		0.0022	0.12		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	56558-17-9	PCB-119	0.000023	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	2974-92-7	PCB-12	0.000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	68194-12-7	PCB-120	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	56558-18-0	PCB-121	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	76842-07-4	PCB-122	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	65510-44-3	PCB-123	0.0000016	mg/kg	J	0.003	0.12		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	70424-70-3	PCB-124	0.0000043	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74472-39-2	PCB-125	0.000023	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	57465-28-8	PCB-126	0.0000021	mg/kg	J	0.00000087	0.000035		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	39635-33-1	PCB-127	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	38380-07-3	PCB-128	0.000028	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	55215-18-4	PCB-129	0.00018	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	2974-90-5	PCB-13	0.000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52663-66-8	PCB-130	0.0000093	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	61798-70-7	PCB-131	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	38380-05-1	PCB-132	0.000023	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	35694-04-3	PCB-133	0.0000022	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52704-70-8	PCB-134	0.0000023	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52744-13-5	PCB-135	0.000035	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	38411-22-2	PCB-136	0.0000068	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	35694-06-5	PCB-137	0.000006	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	35065-28-2	PCB-138	0.00018	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	56030-56-9	PCB-139	0.0000013	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	34883-41-5	PCB-14	0.0000059	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	59291-64-4	PCB-140	0.0000013	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52712-04-6	PCB-141	0.000036	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	41411-61-4	PCB-142	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	68194-15-0	PCB-143	0.0000023	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	68194-14-9	PCB-144	0.0000044	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74472-40-5	PCB-145	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	51908-16-8	PCB-146	0.000023	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	68194-13-8	PCB-147	0.000081	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74472-41-6	PCB-148	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	38380-04-0	PCB-149	0.000081	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	2050-68-2	PCB-15	0.0000059	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	68194-08-1	PCB-150	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52663-63-5	PCB-151	0.000035	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	68194-09-2	PCB-152	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	35065-27-1	PCB-153	0.00014	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	60145-22-4	PCB-154	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	33979-03-2	PCB-155	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	38380-08-4	PCB-156	0.000025	mg/kg		0.0014	0.12		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	69782-90-7	PCB-157	0.000025	mg/kg		0.0014	0.12		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74472-42-7	PCB-158	0.000015	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	39635-35-3	PCB-159	0.0000038	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	38444-78-9	PCB-16	0.00000044	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	41411-62-5	PCB-160	0.0000023	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74472-43-8	PCB-161	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	39635-34-2	PCB-162	0.00000089	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74472-44-9	PCB-163	0.00018	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74472-45-0	PCB-164	0.000013	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74472-46-1	PCB-165	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	41411-63-6	PCB-166	0.000028	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52663-72-6	PCB-167	0.000012	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	59291-65-5	PCB-168	0.00014	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	32774-16-6	PCB-169	0.0000012	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	37680-66-3	PCB-17	0.0000023	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	35065-30-6	PCB-170	0.00011	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52663-71-5	PCB-171	0.000028	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52663-74-8	PCB-172	0.000024	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	68194-16-1	PCB-173	0.000028	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	38411-25-5	PCB-174	0.000094	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	40186-70-7	PCB-175	0.0000032	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52663-65-7	PCB-176	0.0000068	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52663-70-4	PCB-177	0.000053	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52663-67-9	PCB-178	0.000023	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52663-64-6	PCB-179	0.000026	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	37680-65-2	PCB-18	0.00000092	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	35065-29-3	PCB-180	0.00024	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74472-47-2	PCB-181	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	60145-23-5	PCB-182	0.00000065	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52663-69-1	PCB-183	0.00005	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74472-48-3	PCB-184	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52712-05-7	PCB-185	0.000012	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74472-49-4	PCB-186	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52663-68-0	PCB-187	0.00012	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74487-85-7	PCB-188	0.00000045	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	39635-31-9	PCB-189	0.0000048	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	38444-73-4	PCB-19	0.0000023	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	41411-64-7	PCB-190	0.000024	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74472-50-7	PCB-191	0.0000042	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74472-51-8	PCB-192	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	69782-91-8	PCB-193	0.00024	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	35694-08-7	PCB-194	0.000063	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52663-78-2	PCB-195	0.000025	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	42740-50-1	PCB-196	0.000034	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	33091-17-7	PCB-197	0.0000017	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	68194-17-2	PCB-198	0.000089	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52663-75-9	PCB-199	0.000089	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	2051-61-8	PCB-2	0.0000019	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	38444-84-7	PCB-20	0.0000021	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52663-73-7	PCB-200	0.00001	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	40186-71-8	PCB-201	0.0000076	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	2136-99-4	PCB-202	0.00002	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52663-76-0	PCB-203	0.000052	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74472-52-9	PCB-204	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74472-53-0	PCB-205	0.0000033	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	40186-72-9	PCB-206	0.000045	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52663-79-3	PCB-207	0.0000056	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52663-77-1	PCB-208	0.000015	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	2051-24-3	PCB-209	0.000016	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	55702-46-0	PCB-21	0.0000011	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	38444-85-8	PCB-22	0.00000061	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	55720-44-0	PCB-23	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	55702-45-9	PCB-24	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	55712-37-3	PCB-25	0.0000012	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	38444-81-4	PCB-26	0.0000023	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	38444-76-7	PCB-27	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	7012-37-5	PCB-28	0.0000021	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	15862-07-4	PCB-29	0.0000023	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	2051-62-9	PCB-3	0.0000044	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	35693-92-6	PCB-30	0.00000092	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	16606-02-3	PCB-31	0.0000019	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	38444-77-8	PCB-32	0.0000023	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	38444-86-9	PCB-33	0.0000011	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	37680-68-5	PCB-34	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	37680-69-6	PCB-35	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	38444-87-0	PCB-36	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	38444-90-5	PCB-37	0.000002	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	53555-66-1	PCB-38	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	38444-88-1	PCB-39	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	13029-08-8	PCB-4	0.0000059	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	38444-93-8	PCB-40	0.0000009	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52663-59-9	PCB-41	0.0000023	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	36559-22-5	PCB-42	0.0000005	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	70362-46-8	PCB-43	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	41464-39-5	PCB-44	0.0000036	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	70362-45-7	PCB-45	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	41464-47-5	PCB-46	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	2437-79-8	PCB-47	0.0000036	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	70362-47-9	PCB-48	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	41464-40-8	PCB-49	0.0000023	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	16605-91-7	PCB-5	0.0000059	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	62796-65-0	PCB-50	0.0000023	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	68194-04-7	PCB-51	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	35693-99-3	PCB-52	0.0000052	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	41464-41-9	PCB-53	0.0000023	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	15968-05-5	PCB-54	0.00000011	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74338-24-2	PCB-55	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	41464-43-1	PCB-56	0.0000018	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	70424-67-8	PCB-57	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	41464-49-7	PCB-58	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74472-33-6	PCB-59	0.0000035	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	25569-80-6	PCB-6	0.0000059	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	33025-41-1	PCB-60	0.0000011	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	33284-53-6	PCB-61	0.00001	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	54230-22-7	PCB-62	0.0000035	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74472-34-7	PCB-63	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52663-58-8	PCB-64	0.0000011	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	33284-54-7	PCB-65	0.0000036	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	32598-10-0	PCB-66	0.0000042	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	73575-53-8	PCB-67	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	73575-52-7	PCB-68	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	60233-24-1	PCB-69	0.0000023	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	33284-50-3	PCB-7	0.0000059	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	32598-11-1	PCB-70	0.00001	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	41464-46-4	PCB-71	0.0000009	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	41464-42-0	PCB-72	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	74338-23-1	PCB-73	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	32690-93-0	PCB-74	0.00001	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	32598-12-2	PCB-75	0.0000035	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	70362-48-0	PCB-76	0.00001	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	32598-13-3	PCB-77	0.0000038	mg/kg		0.000017	0.036		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	70362-49-1	PCB-78	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	41464-48-6	PCB-79	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	34883-43-7	PCB-8	0.0000059	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	33284-52-5	PCB-80	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	70362-50-4	PCB-81	0.0000012	mg/kg	U	0.00015	0.012		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52663-62-4	PCB-82	0.0000025	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	60145-20-2	PCB-83	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52663-60-2	PCB-84	0.0000039	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	65510-45-4	PCB-85	0.000012	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	55312-69-1	PCB-86	0.000023	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	38380-02-8	PCB-87	0.000023	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	55215-17-3	PCB-88	0.0000035	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	73575-57-2	PCB-89	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	34883-39-1	PCB-9	0.0000059	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	68194-07-0	PCB-90	0.000036	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	68194-05-8	PCB-91	0.0000035	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	52663-61-3	PCB-92	0.0000068	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	73575-56-1	PCB-93	0.0000023	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	73575-55-0	PCB-94	0.0000012	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	38379-99-6	PCB-95	0.000019	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	73575-54-9	PCB-96	0.00000011	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	41464-51-1	PCB-97	0.000023	mg/kg	J				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	60233-25-2	PCB-98	0.0000023	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	1668C	38380-01-7	PCB-99	0.000023	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	Organotins	1002-53-5	Dibutyltin	0.045	mg/kg	U	1.8	1.8		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	Organotins	78763-54-9	Monobutyltin	0.067	mg/kg	U	2.2	2.2		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	Organotins	1461-25-2	Tetrabutyltin	0.11	mg/kg	U	2.2	2.2		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	Organotins	688-73-3	Tributyltin	0.053	mg/kg	U	2.2	2.2		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6010C	7429-90-5	Aluminum	42200	mg/kg		50	7392		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6010C	7440-38-2	Arsenic	1.13	mg/kg	U	0.43	0.43		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6010C	7440-39-3	Barium	375	mg/kg		330	1440		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6010C	7440-41-7	Beryllium	0.366	mg/kg	J	15	15		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6010C	7440-43-9	Cadmium	0.0563	mg/kg	U	0.36	0.68		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6010C	7440-70-2	Calcium	12800	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6010C	7440-47-3	Chromium	30.7	mg/kg		0.29	0.29		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6010C	7440-48-4	Cobalt	19.7	mg/kg		2.2	2.2		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6010C	7440-50-8	Copper	64.3	mg/kg		28	298		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6010C	7439-89-6	Iron	38300	mg/kg		5280	5280		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6010C	7439-92-1	Lead	16.5	mg/kg		11	192		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6010C	7439-95-4	Magnesium	12700	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6010C	7439-96-5	Manganese	514	mg/kg		173	173		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6010C	7440-02-0	Nickel	18	mg/kg		38	134		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6010C	7440-09-7	Potassium	1770	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6010C	7440-23-5	Sodium	624	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6010C	7440-28-0	Thallium	1.13	mg/kg	U	0.05	0.075		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6010C	7440-62-2	Vanadium	99.6	mg/kg		7.8	37		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6010C	7440-66-6	Zinc	63.5	mg/kg		46	2208		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6020B	7440-36-0	Antimony	0.2	mg/kg	J	0.27	3		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6020B	7782-49-2	Selenium	3.8	mg/kg		0.52	37		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW6020B	7440-22-4	Silver	0.047	mg/kg	J	4.2	37		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW7471B	7439-97-6	Mercury	0.0436	mg/kg		0.013	1.1		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8081B	53-19-0	2,4-DDD	0.00219	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8081B	3424-82-6	2,4-DDE	0.00219	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8081B	789-02-6	2,4-DDT	0.00219	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8081B	72-54-8	4,4'-DDD	0.00439	mg/kg	U	0.021	2.2		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8081B	72-55-9	4,4'-DDE	0.00219	mg/kg	U	0.021	1.8		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8081B	50-29-3	4,4'-DDT	0.00439	mg/kg	U	0.021	1.8		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8081B	309-00-2	Aldrin	0.00219	mg/kg	U	0.000085	0.031		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00219	mg/kg	U	0.27	1.7		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8081B	60-57-1	Dieldrin	0.00219	mg/kg	U	0.0049	0.033		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8081B	959-98-8	Endosulfan I	0.00219	mg/kg	U	0.64	45		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8081B	33213-65-9	Endosulfan II	0.00219	mg/kg	U	0.64	45		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00439	mg/kg	U	0.64	36		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8081B	72-20-8	Endrin	0.00219	mg/kg	U	0.0014	1.8		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00439	mg/kg	U	0.0014	1.8		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8081B	53494-70-5	Endrin ketone	0.00439	mg/kg	U	0.0014	1.8		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00219	mg/kg	U	0.0096	0.49		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00439	mg/kg	U	0.27	1.7		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8081B	76-44-8	Heptachlor	0.00439	mg/kg	U	0.0016	0.11		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00439	mg/kg	U	0.00015	0.055		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8081B	72-43-5	Methoxychlor	0.00439	mg/kg	U	5.1	31		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8081B	27304-13-8	Oxychlordane	0.00219	mg/kg	U				
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8082A	12674-11-2	Aroclor-1016	0.0018	mg/kg	U	0.041	0.1		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8082A	11104-28-2	Aroclor-1221	0.0012	mg/kg	U	0.041	0.19		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8082A	11141-16-5	Aroclor-1232	0.0012	mg/kg	U	0.041	0.16		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8082A	53469-21-9	Aroclor-1242	0.0012	mg/kg	U	0.041	0.22		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8082A	12672-29-6	Aroclor-1248	0.00071	mg/kg	U	0.041	0.22		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8082A	11097-69-1	Aroclor-1254	0.0012	mg/kg	U	0.029	0.029		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8082A	11096-82-5	Aroclor-1260	0.0018	mg/kg	U	0.041	0.23		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0171	mg/kg	U	23	23		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	83-32-9	Acenaphthene	0.0114	mg/kg	U	29	346		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	208-96-8	Acenaphthylene	0.0114	mg/kg	U	1.9	1.9		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	120-12-7	Anthracene	0.0171	mg/kg	U	29	1728		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.0137	mg/kg	J	1.1	1.1		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.0156	mg/kg	J	0.11	0.11		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.019	mg/kg	J	1.1	1.1		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.0133	mg/kg	J	1.1	173		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0118	mg/kg	J	1.1	11		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.108	mg/kg	J	0.02	37		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.0342	mg/kg	U	90	278		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	86-74-8	Carbazole	0.00419	mg/kg	J	7.5	7.5		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	218-01-9	Chrysene	0.00837	mg/kg	J	1.1	106		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0171	mg/kg	U	0.1056	0.11		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	132-64-9	Dibenzofuran	0.0171	mg/kg	U	6.1	7.5		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0342	mg/kg	U	0.011	605		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	206-44-0	Fluoranthene	0.0205	mg/kg	J	1.1	230		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	86-73-7	Fluorene	0.0114	mg/kg	U	29	230		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.016	mg/kg	J	1.1	1.1		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	91-20-3	Naphthalene	0.0228	mg/kg	U	1.9	1.9		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	85-01-8	Phenanthrene	0.00647	mg/kg	J	29	1728		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	108-95-2	Phenol	0.0228	mg/kg	U	0.79	1824		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	SW8270D	129-00-0	Pyrene	0.0179	mg/kg	J	1.1	173		
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.024	mg/kg					
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.1493	mg/kg		1.1			
SA-22-SB	723403.412	7834115.504	8/20/2021	0 - 0	SO	N	SA-22-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.10677	mg/kg		29			
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0114	mg/kg		0.0073	0.23		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	2051-60-7	PCB-1	0.0000021	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	33146-45-1	PCB-10	0.0000054	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	39485-83-1	PCB-100	0.0000021	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	37680-73-2	PCB-101	0.00009	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	68194-06-9	PCB-102	0.0000026	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	60145-21-3	PCB-103	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	56558-16-8	PCB-104	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	32598-14-4	PCB-105	0.000051	mg/kg		0.0043	0.12		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	70424-69-0	PCB-106	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	70424-68-9	PCB-107	0.0000074	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	70362-41-3	PCB-108	0.00006	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74472-35-8	PCB-109	0.00001	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	2050-67-1	PCB-11	0.000021	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	38380-03-9	PCB-110	0.00015	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	39635-32-0	PCB-111	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74472-36-9	PCB-112	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	68194-10-5	PCB-113	0.00009	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74472-37-0	PCB-114	0.0000011	mg/kg	U	0.003	0.12		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74472-38-1	PCB-115	0.00015	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	18259-05-7	PCB-116	0.000026	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	68194-11-6	PCB-117	0.000026	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	31508-00-6	PCB-118	0.000095	mg/kg		0.0022	0.12		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	56558-17-9	PCB-119	0.00006	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	2974-92-7	PCB-12	0.000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	68194-12-7	PCB-120	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	56558-18-0	PCB-121	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	76842-07-4	PCB-122	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	65510-44-3	PCB-123	0.0000037	mg/kg		0.003	0.12		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	70424-70-3	PCB-124	0.0000074	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74472-39-2	PCB-125	0.00006	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	57465-28-8	PCB-126	0.000003	mg/kg		0.00000087	0.000035		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	39635-33-1	PCB-127	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	38380-07-3	PCB-128	0.000082	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	55215-18-4	PCB-129	0.00052	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	2974-90-5	PCB-13	0.000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52663-66-8	PCB-130	0.000031	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	61798-70-7	PCB-131	0.0000035	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	38380-05-1	PCB-132	0.00011	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	35694-04-3	PCB-133	0.000008	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52704-70-8	PCB-134	0.000013	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52744-13-5	PCB-135	0.00012	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	38411-22-2	PCB-136	0.000028	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	35694-06-5	PCB-137	0.000015	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	35065-28-2	PCB-138	0.00052	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	56030-56-9	PCB-139	0.0000047	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	34883-41-5	PCB-14	0.0000054	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	59291-64-4	PCB-140	0.0000047	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52712-04-6	PCB-141	0.0001	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	41411-61-4	PCB-142	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	68194-15-0	PCB-143	0.000013	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	68194-14-9	PCB-144	0.000017	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74472-40-5	PCB-145	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	51908-16-8	PCB-146	0.000068	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	68194-13-8	PCB-147	0.00032	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74472-41-6	PCB-148	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	38380-04-0	PCB-149	0.00032	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	2050-68-2	PCB-15	0.0000054	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	68194-08-1	PCB-150	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52663-63-5	PCB-151	0.00012	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	68194-09-2	PCB-152	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	35065-27-1	PCB-153	0.00038	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	60145-22-4	PCB-154	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	33979-03-2	PCB-155	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	38380-08-4	PCB-156	0.000055	mg/kg		0.0014	0.12		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	69782-90-7	PCB-157	0.000055	mg/kg		0.0014	0.12		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74472-42-7	PCB-158	0.000046	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	39635-35-3	PCB-159	0.000019	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	38444-78-9	PCB-16	0.0000018	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	41411-62-5	PCB-160	0.0000021	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74472-43-8	PCB-161	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	39635-34-2	PCB-162	0.0000028	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74472-44-9	PCB-163	0.00052	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74472-45-0	PCB-164	0.000049	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74472-46-1	PCB-165	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	41411-63-6	PCB-166	0.000082	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52663-72-6	PCB-167	0.000029	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	59291-65-5	PCB-168	0.00038	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	32774-16-6	PCB-169	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	37680-66-3	PCB-17	0.0000013	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	35065-30-6	PCB-170	0.00041	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52663-71-5	PCB-171	0.00011	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52663-74-8	PCB-172	0.000087	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	68194-16-1	PCB-173	0.00011	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	38411-25-5	PCB-174	0.00037	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	40186-70-7	PCB-175	0.000016	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52663-65-7	PCB-176	0.000032	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52663-70-4	PCB-177	0.00022	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52663-67-9	PCB-178	0.000078	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52663-64-6	PCB-179	0.000092	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	37680-65-2	PCB-18	0.0000024	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	35065-29-3	PCB-180	0.00088	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74472-47-2	PCB-181	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	60145-23-5	PCB-182	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52663-69-1	PCB-183	0.00018	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74472-48-3	PCB-184	0.00000037	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52712-05-7	PCB-185	0.000057	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74472-49-4	PCB-186	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52663-68-0	PCB-187	0.00036	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74487-85-7	PCB-188	0.0000011	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	39635-31-9	PCB-189	0.000018	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	38444-73-4	PCB-19	0.0000021	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	41411-64-7	PCB-190	0.000089	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74472-50-7	PCB-191	0.000018	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74472-51-8	PCB-192	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	69782-91-8	PCB-193	0.00088	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	35694-08-7	PCB-194	0.00022	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52663-78-2	PCB-195	0.00009	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	42740-50-1	PCB-196	0.00013	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	33091-17-7	PCB-197	0.0000075	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	68194-17-2	PCB-198	0.00027	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52663-75-9	PCB-199	0.00027	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	2051-61-8	PCB-2	0.0000025	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	38444-84-7	PCB-20	0.0000048	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52663-73-7	PCB-200	0.000037	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	40186-71-8	PCB-201	0.000033	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	2136-99-4	PCB-202	0.000056	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52663-76-0	PCB-203	0.00016	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74472-52-9	PCB-204	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74472-53-0	PCB-205	0.000015	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	40186-72-9	PCB-206	0.00011	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52663-79-3	PCB-207	0.000014	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52663-77-1	PCB-208	0.000032	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	2051-24-3	PCB-209	0.000022	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	55702-46-0	PCB-21	0.0000024	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	38444-85-8	PCB-22	0.0000019	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	55720-44-0	PCB-23	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	55702-45-9	PCB-24	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	55712-37-3	PCB-25	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	38444-81-4	PCB-26	0.00000068	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	38444-76-7	PCB-27	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	7012-37-5	PCB-28	0.0000048	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	15862-07-4	PCB-29	0.00000068	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	2051-62-9	PCB-3	0.000009	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	35693-92-6	PCB-30	0.0000024	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	16606-02-3	PCB-31	0.0000037	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	38444-77-8	PCB-32	0.0000014	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	38444-86-9	PCB-33	0.0000024	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	37680-68-5	PCB-34	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	37680-69-6	PCB-35	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	38444-87-0	PCB-36	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	38444-90-5	PCB-37	0.0000047	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	53555-66-1	PCB-38	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	38444-88-1	PCB-39	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	13029-08-8	PCB-4	0.0000054	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	38444-93-8	PCB-40	0.0000085	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52663-59-9	PCB-41	0.0000017	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	36559-22-5	PCB-42	0.0000041	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	70362-46-8	PCB-43	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	41464-39-5	PCB-44	0.000018	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	70362-45-7	PCB-45	0.0000032	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	41464-47-5	PCB-46	0.0000011	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	2437-79-8	PCB-47	0.000018	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	70362-47-9	PCB-48	0.0000024	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	41464-40-8	PCB-49	0.000009	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	16605-91-7	PCB-5	0.0000054	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	62796-65-0	PCB-50	0.0000028	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	68194-04-7	PCB-51	0.00000053	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	35693-99-3	PCB-52	0.000021	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	41464-41-9	PCB-53	0.0000028	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	15968-05-5	PCB-54	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74338-24-2	PCB-55	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	41464-43-1	PCB-56	0.000011	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	70424-67-8	PCB-57	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	41464-49-7	PCB-58	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74472-33-6	PCB-59	0.0000015	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	25569-80-6	PCB-6	0.0000054	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	33025-41-1	PCB-60	0.0000056	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	33284-53-6	PCB-61	0.000031	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	54230-22-7	PCB-62	0.0000015	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74472-34-7	PCB-63	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52663-58-8	PCB-64	0.0000093	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	33284-54-7	PCB-65	0.000018	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	32598-10-0	PCB-66	0.000017	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	73575-53-8	PCB-67	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	73575-52-7	PCB-68	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	60233-24-1	PCB-69	0.000009	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	33284-50-3	PCB-7	0.0000054	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	32598-11-1	PCB-70	0.000031	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	41464-46-4	PCB-71	0.0000085	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	41464-42-0	PCB-72	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	74338-23-1	PCB-73	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	32690-93-0	PCB-74	0.000031	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	32598-12-2	PCB-75	0.0000015	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	70362-48-0	PCB-76	0.000031	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	32598-13-3	PCB-77	0.0000065	mg/kg		0.000017	0.036		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	70362-49-1	PCB-78	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	41464-48-6	PCB-79	0.00000096	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	34883-43-7	PCB-8	0.0000054	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	33284-52-5	PCB-80	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	70362-50-4	PCB-81	0.0000011	mg/kg	U	0.00015	0.012		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52663-62-4	PCB-82	0.000013	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	60145-20-2	PCB-83	0.0000064	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52663-60-2	PCB-84	0.000023	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	65510-45-4	PCB-85	0.000026	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	55312-69-1	PCB-86	0.00006	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	38380-02-8	PCB-87	0.00006	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	55215-17-3	PCB-88	0.000018	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	73575-57-2	PCB-89	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	34883-39-1	PCB-9	0.0000054	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	68194-07-0	PCB-90	0.00009	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	68194-05-8	PCB-91	0.000018	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	52663-61-3	PCB-92	0.000016	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	73575-56-1	PCB-93	0.0000021	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	73575-55-0	PCB-94	0.0000011	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	38379-99-6	PCB-95	0.000066	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	73575-54-9	PCB-96	0.00000053	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	41464-51-1	PCB-97	0.00006	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	60233-25-2	PCB-98	0.0000026	mg/kg	J				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	1668C	38380-01-7	PCB-99	0.000042	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	Organotins	1002-53-5	Dibutyltin	0.041	mg/kg	U	1.8	1.8		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	Organotins	78763-54-9	Monobutyltin	0.06	mg/kg	U	2.2	2.2		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	Organotins	1461-25-2	Tetrabutyltin	0.096	mg/kg	U	2.2	2.2		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	Organotins	688-73-3	Tributyltin	0.048	mg/kg	U	2.2	2.2		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW6010C	7429-90-5	Aluminum	31900	mg/kg		50	7392		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW6010C	7440-38-2	Arsenic	1.06	mg/kg	U	0.43	0.43		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW6010C	7440-39-3	Barium	159	mg/kg		330	1440		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW6010C	7440-41-7	Beryllium	1.06	mg/kg	U	15	15		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW6010C	7440-43-9	Cadmium	0.0532	mg/kg	U	0.36	0.68		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW6010C	7440-70-2	Calcium	9200	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW6010C	7440-47-3	Chromium	83	mg/kg		0.29	0.29		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW6010C	7440-48-4	Cobalt	19	mg/kg		2.2	2.2		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW6010C	7440-50-8	Copper	69.8	mg/kg		28	298		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW6010C	7439-89-6	Iron	39300	mg/kg		5280	5280		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW6010C	7439-92-1	Lead	55.7	mg/kg		11	192		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW6010C	7439-95-4	Magnesium	14400	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW6010C	7439-96-5	Manganese	614	mg/kg		173	173		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW6010C	7440-02-0	Nickel	78.4	mg/kg		38	134		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW6010C	7440-09-7	Potassium	1120	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW6010C	7440-23-5	Sodium	451	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW6010C	7440-28-0	Thallium	1.06	mg/kg	U	0.05	0.075		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW6010C	7440-62-2	Vanadium	90.3	mg/kg		7.8	37		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW6010C	7440-66-6	Zinc	83.9	mg/kg		46	2208		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW6020B	7440-36-0	Antimony	0.63	mg/kg		0.27	3		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW6020B	7782-49-2	Selenium	3.3	mg/kg		0.52	37		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW6020B	7440-22-4	Silver	0.05	mg/kg	J	4.2	37		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW7471B	7439-97-6	Mercury	0.0476	mg/kg		0.013	1.1		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8081B	53-19-0	2,4-DDD	0.00219	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8081B	3424-82-6	2,4-DDE	0.00219	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8081B	789-02-6	2,4-DDT	0.00219	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8081B	72-54-8	4,4'-DDD	0.00438	mg/kg	U	0.021	2.2		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8081B	72-55-9	4,4'-DDE	0.00219	mg/kg	U	0.021	1.8		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8081B	50-29-3	4,4'-DDT	0.00438	mg/kg	U	0.021	1.8		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8081B	309-00-2	Aldrin	0.00219	mg/kg	U	0.000085	0.031		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00219	mg/kg	U	0.27	1.7		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8081B	60-57-1	Dieldrin	0.00219	mg/kg	U	0.0049	0.033		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8081B	959-98-8	Endosulfan I	0.00219	mg/kg	U	0.64	45		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8081B	33213-65-9	Endosulfan II	0.00219	mg/kg	U	0.64	45		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00438	mg/kg	U	0.64	36		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8081B	72-20-8	Endrin	0.00219	mg/kg	U	0.0014	1.8		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00438	mg/kg	U	0.0014	1.8		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8081B	53494-70-5	Endrin ketone	0.00438	mg/kg	U	0.0014	1.8		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00219	mg/kg	U	0.0096	0.49		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00438	mg/kg	U	0.27	1.7		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8081B	76-44-8	Heptachlor	0.00438	mg/kg	U	0.0016	0.11		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00438	mg/kg	U	0.00015	0.055		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8081B	72-43-5	Methoxychlor	0.00438	mg/kg	U	5.1	31		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8081B	27304-13-8	Oxychlordane	0.00219	mg/kg	U				
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8082A	12674-11-2	Aroclor-1016	0.0017	mg/kg	U	0.041	0.1		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8082A	11104-28-2	Aroclor-1221	0.0011	mg/kg	U	0.041	0.19		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8082A	11141-16-5	Aroclor-1232	0.0011	mg/kg	U	0.041	0.16		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8082A	53469-21-9	Aroclor-1242	0.0011	mg/kg	U	0.041	0.22		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8082A	12672-29-6	Aroclor-1248	0.00068	mg/kg	U	0.041	0.22		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8082A	11097-69-1	Aroclor-1254	0.0011	mg/kg	U	0.029	0.029		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8082A	11096-82-5	Aroclor-1260	0.0027	mg/kg		0.041	0.23		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0164	mg/kg	U	23	23		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	83-32-9	Acenaphthene	0.0124	mg/kg	J	29	346		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	208-96-8	Acenaphthylene	0.011	mg/kg	U	1.9	1.9		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	120-12-7	Anthracene	0.0226	mg/kg	J	29	1728		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.115	mg/kg		1.1	1.1		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.133	mg/kg		0.11	0.11		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.178	mg/kg		1.1	1.1		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.1	mg/kg		1.1	173		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0676	mg/kg		1.1	11		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.988	mg/kg		0.02	37		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.0329	mg/kg	U	90	278		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	86-74-8	Carbazole	0.0161	mg/kg	J	7.5	7.5		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	218-01-9	Chrysene	0.135	mg/kg		1.1	106		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0318	mg/kg	J	0.1056	0.11		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	132-64-9	Dibenzofuran	0.0164	mg/kg	U	6.1	7.5		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0383	mg/kg	J	0.011	605		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	206-44-0	Fluoranthene	0.205	mg/kg		1.1	230		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	86-73-7	Fluorene	0.0106	mg/kg	J	29	230		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.102	mg/kg		1.1	1.1		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	91-20-3	Naphthalene	0.0219	mg/kg	U	1.9	1.9		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	85-01-8	Phenanthrene	0.118	mg/kg		29	1728		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	108-95-2	Phenol	0.0219	mg/kg	U	0.79	1824		
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	SW8270D	129-00-0	Pyrene	0.191	mg/kg		1.1	173		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.2051	mg/kg					
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	1.2584	mg/kg		1.1			
SA-23-SB	723413.557	7834094.121	8/20/2021	0 - 0	SO	N	SA-23-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.3924	mg/kg		29			
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.003	mg/kg		0.0073	0.23		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	2051-60-7	PCB-1	0.0000024	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	33146-45-1	PCB-10	0.000006	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	39485-83-1	PCB-100	0.0000024	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	37680-73-2	PCB-101	0.00004	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	68194-06-9	PCB-102	0.0000024	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	60145-21-3	PCB-103	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	56558-16-8	PCB-104	0.00000019	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	32598-14-4	PCB-105	0.000029	mg/kg		0.0043	0.12		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	70424-69-0	PCB-106	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	70424-68-9	PCB-107	0.000004	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	70362-41-3	PCB-108	0.000025	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74472-35-8	PCB-109	0.0000058	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	2050-67-1	PCB-11	0.000024	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	38380-03-9	PCB-110	0.000042	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	39635-32-0	PCB-111	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74472-36-9	PCB-112	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	68194-10-5	PCB-113	0.00004	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74472-37-0	PCB-114	0.0000012	mg/kg	U	0.003	0.12		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74472-38-1	PCB-115	0.000042	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	18259-05-7	PCB-116	0.0000092	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	68194-11-6	PCB-117	0.0000092	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	31508-00-6	PCB-118	0.000052	mg/kg		0.0022	0.12		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	56558-17-9	PCB-119	0.000025	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	2974-92-7	PCB-12	0.000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	68194-12-7	PCB-120	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	56558-18-0	PCB-121	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	76842-07-4	PCB-122	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	65510-44-3	PCB-123	0.0000017	mg/kg	J	0.003	0.12		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	70424-70-3	PCB-124	0.000004	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74472-39-2	PCB-125	0.000025	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	57465-28-8	PCB-126	0.0000019	mg/kg	J	0.00000087	0.000035		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	39635-33-1	PCB-127	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	38380-07-3	PCB-128	0.000021	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	55215-18-4	PCB-129	0.00014	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	2974-90-5	PCB-13	0.000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52663-66-8	PCB-130	0.0000076	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	61798-70-7	PCB-131	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	38380-05-1	PCB-132	0.000019	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	35694-04-3	PCB-133	0.0000019	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52704-70-8	PCB-134	0.0000024	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52744-13-5	PCB-135	0.00003	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	38411-22-2	PCB-136	0.0000057	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	35694-06-5	PCB-137	0.0000039	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	35065-28-2	PCB-138	0.00014	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	56030-56-9	PCB-139	0.0000024	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	34883-41-5	PCB-14	0.000006	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	59291-64-4	PCB-140	0.0000024	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52712-04-6	PCB-141	0.000029	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	41411-61-4	PCB-142	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	68194-15-0	PCB-143	0.0000024	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	68194-14-9	PCB-144	0.0000033	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74472-40-5	PCB-145	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	51908-16-8	PCB-146	0.000019	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	68194-13-8	PCB-147	0.000067	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74472-41-6	PCB-148	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	38380-04-0	PCB-149	0.000067	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	2050-68-2	PCB-15	0.000006	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	68194-08-1	PCB-150	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52663-63-5	PCB-151	0.00003	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	68194-09-2	PCB-152	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	35065-27-1	PCB-153	0.00012	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	60145-22-4	PCB-154	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	33979-03-2	PCB-155	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	38380-08-4	PCB-156	0.000019	mg/kg		0.0014	0.12		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	69782-90-7	PCB-157	0.000019	mg/kg		0.0014	0.12		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74472-42-7	PCB-158	0.000012	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	39635-35-3	PCB-159	0.0000036	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	38444-78-9	PCB-16	0.0000024	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	41411-62-5	PCB-160	0.0000024	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74472-43-8	PCB-161	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	39635-34-2	PCB-162	0.00000084	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74472-44-9	PCB-163	0.00014	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74472-45-0	PCB-164	0.0000094	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74472-46-1	PCB-165	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	41411-63-6	PCB-166	0.000021	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52663-72-6	PCB-167	0.0000094	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	59291-65-5	PCB-168	0.00012	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	32774-16-6	PCB-169	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	37680-66-3	PCB-17	0.0000024	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	35065-30-6	PCB-170	0.000075	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52663-71-5	PCB-171	0.000019	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52663-74-8	PCB-172	0.000018	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	68194-16-1	PCB-173	0.000019	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	38411-25-5	PCB-174	0.00007	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	40186-70-7	PCB-175	0.0000022	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52663-65-7	PCB-176	0.000005	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52663-70-4	PCB-177	0.000039	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52663-67-9	PCB-178	0.000017	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52663-64-6	PCB-179	0.000018	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	37680-65-2	PCB-18	0.00000077	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	35065-29-3	PCB-180	0.00017	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74472-47-2	PCB-181	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	60145-23-5	PCB-182	0.00000074	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52663-69-1	PCB-183	0.000034	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74472-48-3	PCB-184	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52712-05-7	PCB-185	0.0000087	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74472-49-4	PCB-186	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52663-68-0	PCB-187	0.000083	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74487-85-7	PCB-188	0.00000049	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	39635-31-9	PCB-189	0.0000037	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	38444-73-4	PCB-19	0.0000024	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	41411-64-7	PCB-190	0.000016	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74472-50-7	PCB-191	0.0000026	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74472-51-8	PCB-192	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	69782-91-8	PCB-193	0.00017	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	35694-08-7	PCB-194	0.000048	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52663-78-2	PCB-195	0.000017	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	42740-50-1	PCB-196	0.000025	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	33091-17-7	PCB-197	0.0000014	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	68194-17-2	PCB-198	0.000075	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52663-75-9	PCB-199	0.000075	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	2051-61-8	PCB-2	0.0000021	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	38444-84-7	PCB-20	0.0000017	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52663-73-7	PCB-200	0.0000076	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	40186-71-8	PCB-201	0.0000054	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	2136-99-4	PCB-202	0.000019	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52663-76-0	PCB-203	0.000042	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74472-52-9	PCB-204	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74472-53-0	PCB-205	0.0000026	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	40186-72-9	PCB-206	0.000035	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52663-79-3	PCB-207	0.0000045	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52663-77-1	PCB-208	0.000013	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	2051-24-3	PCB-209	0.0000093	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	55702-46-0	PCB-21	0.00000084	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	38444-85-8	PCB-22	0.00000057	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	55720-44-0	PCB-23	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	55702-45-9	PCB-24	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	55712-37-3	PCB-25	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	38444-81-4	PCB-26	0.0000024	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	38444-76-7	PCB-27	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	7012-37-5	PCB-28	0.0000017	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	15862-07-4	PCB-29	0.0000024	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	2051-62-9	PCB-3	0.0000069	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	35693-92-6	PCB-30	0.00000077	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	16606-02-3	PCB-31	0.0000016	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	38444-77-8	PCB-32	0.0000024	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	38444-86-9	PCB-33	0.00000084	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	37680-68-5	PCB-34	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	37680-69-6	PCB-35	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	38444-87-0	PCB-36	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	38444-90-5	PCB-37	0.0000019	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	53555-66-1	PCB-38	0.00000051	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	38444-88-1	PCB-39	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	13029-08-8	PCB-4	0.000006	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	38444-93-8	PCB-40	0.00000091	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52663-59-9	PCB-41	0.0000024	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	36559-22-5	PCB-42	0.00000043	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	70362-46-8	PCB-43	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	41464-39-5	PCB-44	0.0000038	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	70362-45-7	PCB-45	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	41464-47-5	PCB-46	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	2437-79-8	PCB-47	0.0000038	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	70362-47-9	PCB-48	0.00000036	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	41464-40-8	PCB-49	0.0000031	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	16605-91-7	PCB-5	0.000006	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	62796-65-0	PCB-50	0.00000027	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	68194-04-7	PCB-51	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	35693-99-3	PCB-52	0.0000057	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	41464-41-9	PCB-53	0.00000027	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	15968-05-5	PCB-54	0.00000016	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74338-24-2	PCB-55	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	41464-43-1	PCB-56	0.0000016	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	70424-67-8	PCB-57	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	41464-49-7	PCB-58	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74472-33-6	PCB-59	0.0000036	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	25569-80-6	PCB-6	0.000006	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	33025-41-1	PCB-60	0.00000091	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	33284-53-6	PCB-61	0.0000096	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	54230-22-7	PCB-62	0.0000036	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74472-34-7	PCB-63	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52663-58-8	PCB-64	0.0000013	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	33284-54-7	PCB-65	0.0000038	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	32598-10-0	PCB-66	0.0000035	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	73575-53-8	PCB-67	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	73575-52-7	PCB-68	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	60233-24-1	PCB-69	0.0000031	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	33284-50-3	PCB-7	0.000006	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	32598-11-1	PCB-70	0.0000096	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	41464-46-4	PCB-71	0.00000091	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	41464-42-0	PCB-72	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	74338-23-1	PCB-73	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	32690-93-0	PCB-74	0.0000096	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	32598-12-2	PCB-75	0.0000036	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	70362-48-0	PCB-76	0.0000096	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	32598-13-3	PCB-77	0.0000025	mg/kg		0.000017	0.036		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	70362-49-1	PCB-78	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	41464-48-6	PCB-79	0.00000048	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	34883-43-7	PCB-8	0.000006	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	33284-52-5	PCB-80	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	70362-50-4	PCB-81	0.0000012	mg/kg	U	0.00015	0.012		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52663-62-4	PCB-82	0.0000024	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	60145-20-2	PCB-83	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52663-60-2	PCB-84	0.0000035	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	65510-45-4	PCB-85	0.0000092	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	55312-69-1	PCB-86	0.000025	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	38380-02-8	PCB-87	0.000025	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	55215-17-3	PCB-88	0.0000031	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	73575-57-2	PCB-89	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	34883-39-1	PCB-9	0.000006	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	68194-07-0	PCB-90	0.00004	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	68194-05-8	PCB-91	0.0000031	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	52663-61-3	PCB-92	0.0000081	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	73575-56-1	PCB-93	0.0000024	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	73575-55-0	PCB-94	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	38379-99-6	PCB-95	0.000019	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	73575-54-9	PCB-96	0.0000012	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	41464-51-1	PCB-97	0.000025	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	60233-25-2	PCB-98	0.0000024	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	1668C	38380-01-7	PCB-99	0.00002	mg/kg	J				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	Organotins	1002-53-5	Dibutyltin	0.046	mg/kg	U	1.8	1.8		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	Organotins	78763-54-9	Monobutyltin	0.068	mg/kg	U	2.2	2.2		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	Organotins	1461-25-2	Tetrabutyltin	0.11	mg/kg	U	2.2	2.2		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	Organotins	688-73-3	Tributyltin	0.054	mg/kg	U	2.2	2.2		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6010C	7429-90-5	Aluminum	48900	mg/kg		50	7392		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6010C	7440-38-2	Arsenic	1.16	mg/kg	U	0.43	0.43		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6010C	7440-39-3	Barium	222	mg/kg		330	1440		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6010C	7440-41-7	Beryllium	0.523	mg/kg	J	15	15		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6010C	7440-43-9	Cadmium	0.0581	mg/kg	U	0.36	0.68		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6010C	7440-70-2	Calcium	14700	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6010C	7440-47-3	Chromium	24.9	mg/kg		0.29	0.29		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6010C	7440-48-4	Cobalt	18.9	mg/kg		2.2	2.2		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6010C	7440-50-8	Copper	60.6	mg/kg		28	298		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6010C	7439-89-6	Iron	45300	mg/kg		5280	5280		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6010C	7439-92-1	Lead	22.4	mg/kg		11	192		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6010C	7439-95-4	Magnesium	12900	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6010C	7439-96-5	Manganese	727	mg/kg		173	173		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6010C	7440-02-0	Nickel	15.3	mg/kg		38	134		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6010C	7440-09-7	Potassium	1490	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6010C	7440-23-5	Sodium	350	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6010C	7440-28-0	Thallium	1.16	mg/kg	U	0.05	0.075		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6010C	7440-62-2	Vanadium	79.8	mg/kg		7.8	37		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6010C	7440-66-6	Zinc	60.4	mg/kg		46	2208		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6020B	7440-36-0	Antimony	0.31	mg/kg	J	0.27	3		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6020B	7782-49-2	Selenium	4.3	mg/kg		0.52	37		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW6020B	7440-22-4	Silver	0.067	mg/kg	J	4.2	37		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW7471B	7439-97-6	Mercury	0.0638	mg/kg		0.013	1.1		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8081B	53-19-0	2,4-DDD	0.0023	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8081B	3424-82-6	2,4-DDE	0.0023	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8081B	789-02-6	2,4-DDT	0.0023	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8081B	72-54-8	4,4'-DDD	0.00459	mg/kg	U	0.021	2.2		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8081B	72-55-9	4,4'-DDE	0.0023	mg/kg	U	0.021	1.8		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8081B	50-29-3	4,4'-DDT	0.00459	mg/kg	U	0.021	1.8		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8081B	309-00-2	Aldrin	0.0023	mg/kg	U	0.000085	0.031		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8081B	5103-71-9	alpha-Chlordane	0.0023	mg/kg	U	0.27	1.7		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8081B	60-57-1	Dieldrin	0.0023	mg/kg	U	0.0049	0.033		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8081B	959-98-8	Endosulfan I	0.0023	mg/kg	U	0.64	45		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8081B	33213-65-9	Endosulfan II	0.0023	mg/kg	U	0.64	45		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00459	mg/kg	U	0.64	36		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8081B	72-20-8	Endrin	0.0023	mg/kg	U	0.0014	1.8		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00459	mg/kg	U	0.0014	1.8		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8081B	53494-70-5	Endrin ketone	0.00459	mg/kg	U	0.0014	1.8		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.0023	mg/kg	U	0.0096	0.49		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00459	mg/kg	U	0.27	1.7		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8081B	76-44-8	Heptachlor	0.00459	mg/kg	U	0.0016	0.11		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00459	mg/kg	U	0.00015	0.055		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8081B	72-43-5	Methoxychlor	0.00459	mg/kg	U	5.1	31		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8081B	27304-13-8	Oxychlordane	0.00352	mg/kg	U				
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8082A	12674-11-2	Aroclor-1016	0.0018	mg/kg	U	0.041	0.1		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8082A	11104-28-2	Aroclor-1221	0.0012	mg/kg	U	0.041	0.19		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8082A	11141-16-5	Aroclor-1232	0.0012	mg/kg	U	0.041	0.16		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8082A	53469-21-9	Aroclor-1242	0.0012	mg/kg	U	0.041	0.22		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8082A	12672-29-6	Aroclor-1248	0.00073	mg/kg	U	0.041	0.22		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8082A	11097-69-1	Aroclor-1254	0.0012	mg/kg	U	0.029	0.029		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8082A	11096-82-5	Aroclor-1260	0.0018	mg/kg	U	0.041	0.23		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0176	mg/kg	U	23	23		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	83-32-9	Acenaphthene	0.0117	mg/kg	U	29	346		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	208-96-8	Acenaphthylene	0.0117	mg/kg	U	1.9	1.9		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	120-12-7	Anthracene	0.0176	mg/kg	U	29	1728		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.0164	mg/kg	J	1.1	1.1		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.0176	mg/kg	J	0.11	0.11		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.023	mg/kg	J	1.1	1.1		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.014	mg/kg	J	1.1	173		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.00976	mg/kg	J	1.1	11		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.087	mg/kg	J	0.02	37		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.0351	mg/kg	U	90	278		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	86-74-8	Carbazole	0.00468	mg/kg	J	7.5	7.5		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	218-01-9	Chrysene	0.0117	mg/kg	J	1.1	106		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0176	mg/kg	U	0.1056	0.11		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	132-64-9	Dibenzofuran	0.0176	mg/kg	U	6.1	7.5		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0351	mg/kg	U	0.011	605		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	206-44-0	Fluoranthene	0.0265	mg/kg	J	1.1	230		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	86-73-7	Fluorene	0.0117	mg/kg	U	29	230		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0187	mg/kg	J	1.1	1.1		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	91-20-3	Naphthalene	0.0234	mg/kg	U	1.9	1.9		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	85-01-8	Phenanthrene	0.0105	mg/kg	J	29	1728		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	108-95-2	Phenol	0.0234	mg/kg	U	0.79	1824		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	SW8270D	129-00-0	Pyrene	0.0222	mg/kg	J	1.1	173		
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0411	mg/kg					
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.1775	mg/kg		1.1			
SA-24-SB	723387.833	7834092.419	8/20/2021	0 - 0	SO	N	SA-24-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.119	mg/kg		29			
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0019	mg/kg		0.0073	0.23		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	2051-60-7	PCB-1	0.0000024	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	33146-45-1	PCB-10	0.0000061	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	39485-83-1	PCB-100	0.0000024	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	37680-73-2	PCB-101	0.000018	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	68194-06-9	PCB-102	0.0000024	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	60145-21-3	PCB-103	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	56558-16-8	PCB-104	0.00000052	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	32598-14-4	PCB-105	0.000011	mg/kg		0.0043	0.12		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	70424-69-0	PCB-106	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	70424-68-9	PCB-107	0.0000016	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	70362-41-3	PCB-108	0.000011	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74472-35-8	PCB-109	0.0000018	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	2050-67-1	PCB-11	0.000024	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	38380-03-9	PCB-110	0.00002	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	39635-32-0	PCB-111	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74472-36-9	PCB-112	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	68194-10-5	PCB-113	0.000018	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74472-37-0	PCB-114	0.00000076	mg/kg	J	0.003	0.12		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74472-38-1	PCB-115	0.00002	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	18259-05-7	PCB-116	0.0000043	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	68194-11-6	PCB-117	0.0000043	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	31508-00-6	PCB-118	0.000023	mg/kg		0.0022	0.12		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	56558-17-9	PCB-119	0.000011	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	2974-92-7	PCB-12	0.000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	68194-12-7	PCB-120	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	56558-18-0	PCB-121	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	76842-07-4	PCB-122	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	65510-44-3	PCB-123	0.0000013	mg/kg	J	0.003	0.12		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	70424-70-3	PCB-124	0.0000016	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74472-39-2	PCB-125	0.000011	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	57465-28-8	PCB-126	0.0000013	mg/kg	J	0.00000087	0.000035		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	39635-33-1	PCB-127	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	38380-07-3	PCB-128	0.000012	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	55215-18-4	PCB-129	0.000092	mg/kg					
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	2974-90-5	PCB-13	0.000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52663-66-8	PCB-130	0.000004	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	61798-70-7	PCB-131	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	38380-05-1	PCB-132	0.000014	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	35694-04-3	PCB-133	0.00000087	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52704-70-8	PCB-134	0.0000024	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52744-13-5	PCB-135	0.00002	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	38411-22-2	PCB-136	0.0000029	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	35694-06-5	PCB-137	0.000002	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	35065-28-2	PCB-138	0.000092	mg/kg					
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	56030-56-9	PCB-139	0.0000024	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	34883-41-5	PCB-14	0.0000061	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	59291-64-4	PCB-140	0.0000024	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52712-04-6	PCB-141	0.000021	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	41411-61-4	PCB-142	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	68194-15-0	PCB-143	0.0000024	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	68194-14-9	PCB-144	0.0000022	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74472-40-5	PCB-145	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	51908-16-8	PCB-146	0.000012	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	68194-13-8	PCB-147	0.000046	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74472-41-6	PCB-148	0.0000012	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	38380-04-0	PCB-149	0.000046	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	2050-68-2	PCB-15	0.0000061	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	68194-08-1	PCB-150	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52663-63-5	PCB-151	0.00002	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	68194-09-2	PCB-152	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	35065-27-1	PCB-153	0.000075	mg/kg					
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	60145-22-4	PCB-154	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	33979-03-2	PCB-155	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	38380-08-4	PCB-156	0.000011	mg/kg		0.0014	0.12		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	69782-90-7	PCB-157	0.000011	mg/kg		0.0014	0.12		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74472-42-7	PCB-158	0.0000073	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	39635-35-3	PCB-159	0.0000022	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	38444-78-9	PCB-16	0.0000024	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	41411-62-5	PCB-160	0.0000024	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74472-43-8	PCB-161	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	39635-34-2	PCB-162	0.00000027	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74472-44-9	PCB-163	0.000092	mg/kg					
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74472-45-0	PCB-164	0.0000066	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74472-46-1	PCB-165	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	41411-63-6	PCB-166	0.000012	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52663-72-6	PCB-167	0.0000053	mg/kg					
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	59291-65-5	PCB-168	0.000075	mg/kg					
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	32774-16-6	PCB-169	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	37680-66-3	PCB-17	0.0000024	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	35065-30-6	PCB-170	0.000056	mg/kg					
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52663-71-5	PCB-171	0.000013	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52663-74-8	PCB-172	0.000012	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	68194-16-1	PCB-173	0.000013	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	38411-25-5	PCB-174	0.000053	mg/kg					
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	40186-70-7	PCB-175	0.0000016	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52663-65-7	PCB-176	0.000004	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52663-70-4	PCB-177	0.00003	mg/kg					
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52663-67-9	PCB-178	0.000012	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52663-64-6	PCB-179	0.000015	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	37680-65-2	PCB-18	0.00000082	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	35065-29-3	PCB-180	0.00012	mg/kg					
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74472-47-2	PCB-181	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	60145-23-5	PCB-182	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52663-69-1	PCB-183	0.000026	mg/kg					
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74472-48-3	PCB-184	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52712-05-7	PCB-185	0.0000068	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74472-49-4	PCB-186	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52663-68-0	PCB-187	0.000063	mg/kg					
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74487-85-7	PCB-188	0.0000005	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	39635-31-9	PCB-189	0.0000023	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	38444-73-4	PCB-19	0.00000075	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	41411-64-7	PCB-190	0.000011	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74472-50-7	PCB-191	0.000002	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74472-51-8	PCB-192	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	69782-91-8	PCB-193	0.00012	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	35694-08-7	PCB-194	0.000029	mg/kg					
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52663-78-2	PCB-195	0.000012	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	42740-50-1	PCB-196	0.000016	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	33091-17-7	PCB-197	0.0000009	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	68194-17-2	PCB-198	0.000043	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52663-75-9	PCB-199	0.000043	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	2051-61-8	PCB-2	0.0000024	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	38444-84-7	PCB-20	0.0000011	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52663-73-7	PCB-200	0.0000051	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	40186-71-8	PCB-201	0.0000038	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	2136-99-4	PCB-202	0.0000098	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52663-76-0	PCB-203	0.000024	mg/kg					
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74472-52-9	PCB-204	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74472-53-0	PCB-205	0.000002	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	40186-72-9	PCB-206	0.000017	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52663-79-3	PCB-207	0.000002	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52663-77-1	PCB-208	0.000006	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	2051-24-3	PCB-209	0.0000037	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	55702-46-0	PCB-21	0.00000078	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	38444-85-8	PCB-22	0.00000041	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	55720-44-0	PCB-23	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	55702-45-9	PCB-24	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	55712-37-3	PCB-25	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	38444-81-4	PCB-26	0.0000024	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	38444-76-7	PCB-27	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	7012-37-5	PCB-28	0.0000011	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	15862-07-4	PCB-29	0.0000024	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	2051-62-9	PCB-3	0.0000038	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	35693-92-6	PCB-30	0.00000082	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	16606-02-3	PCB-31	0.0000012	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	38444-77-8	PCB-32	0.00000036	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	38444-86-9	PCB-33	0.00000078	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	37680-68-5	PCB-34	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	37680-69-6	PCB-35	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	38444-87-0	PCB-36	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	38444-90-5	PCB-37	0.0000013	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	53555-66-1	PCB-38	0.00000044	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	38444-88-1	PCB-39	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	13029-08-8	PCB-4	0.0000061	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	38444-93-8	PCB-40	0.0000012	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52663-59-9	PCB-41	0.00000027	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	36559-22-5	PCB-42	0.00000054	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	70362-46-8	PCB-43	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	41464-39-5	PCB-44	0.0000037	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	70362-45-7	PCB-45	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	41464-47-5	PCB-46	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	2437-79-8	PCB-47	0.0000037	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	70362-47-9	PCB-48	0.00000054	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	41464-40-8	PCB-49	0.0000017	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	16605-91-7	PCB-5	0.0000061	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	62796-65-0	PCB-50	0.00000046	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	68194-04-7	PCB-51	0.00000036	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	35693-99-3	PCB-52	0.0000047	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	41464-41-9	PCB-53	0.00000046	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	15968-05-5	PCB-54	0.00000045	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74338-24-2	PCB-55	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	41464-43-1	PCB-56	0.0000013	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	70424-67-8	PCB-57	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	41464-49-7	PCB-58	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74472-33-6	PCB-59	0.00000022	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	25569-80-6	PCB-6	0.0000061	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	33025-41-1	PCB-60	0.0000007	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	33284-53-6	PCB-61	0.0000063	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	54230-22-7	PCB-62	0.00000022	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74472-34-7	PCB-63	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52663-58-8	PCB-64	0.0000014	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	33284-54-7	PCB-65	0.0000037	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	32598-10-0	PCB-66	0.0000025	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	73575-53-8	PCB-67	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	73575-52-7	PCB-68	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	60233-24-1	PCB-69	0.0000017	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	33284-50-3	PCB-7	0.0000061	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	32598-11-1	PCB-70	0.0000063	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	41464-46-4	PCB-71	0.0000012	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	41464-42-0	PCB-72	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	74338-23-1	PCB-73	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	32690-93-0	PCB-74	0.0000063	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	32598-12-2	PCB-75	0.00000022	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	70362-48-0	PCB-76	0.0000063	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	32598-13-3	PCB-77	0.0000016	mg/kg	J	0.000017	0.036		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	70362-49-1	PCB-78	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	41464-48-6	PCB-79	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	34883-43-7	PCB-8	0.0000061	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	33284-52-5	PCB-80	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	70362-50-4	PCB-81	0.0000012	mg/kg	U	0.00015	0.012		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52663-62-4	PCB-82	0.0000015	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	60145-20-2	PCB-83	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52663-60-2	PCB-84	0.0000025	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	65510-45-4	PCB-85	0.0000043	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	55312-69-1	PCB-86	0.000011	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	38380-02-8	PCB-87	0.000011	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	55215-17-3	PCB-88	0.0000016	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	73575-57-2	PCB-89	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	34883-39-1	PCB-9	0.0000061	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	68194-07-0	PCB-90	0.000018	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	68194-05-8	PCB-91	0.0000016	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	52663-61-3	PCB-92	0.0000027	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	73575-56-1	PCB-93	0.0000024	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	73575-55-0	PCB-94	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	38379-99-6	PCB-95	0.0000091	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	73575-54-9	PCB-96	0.0000012	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	41464-51-1	PCB-97	0.000011	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	60233-25-2	PCB-98	0.0000024	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	1668C	38380-01-7	PCB-99	0.0000093	mg/kg	J				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	Organotins	1002-53-5	Dibutyltin	0.045	mg/kg	U	1.8	1.8		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	Organotins	78763-54-9	Monobutyltin	0.066	mg/kg	U	2.2	2.2		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	Organotins	1461-25-2	Tetrabutyltin	0.11	mg/kg	U	2.2	2.2		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	Organotins	688-73-3	Tributyltin	0.053	mg/kg	U	2.2	2.2		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW6010C	7429-90-5	Aluminum	38400	mg/kg		50	7392		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW6010C	7440-38-2	Arsenic	1.07	mg/kg	U	0.43	0.43		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW6010C	7440-39-3	Barium	198	mg/kg		330	1440		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW6010C	7440-41-7	Beryllium	0.428	mg/kg	J	15	15		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW6010C	7440-43-9	Cadmium	0.0535	mg/kg	U	0.36	0.68		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW6010C	7440-70-2	Calcium	10300	mg/kg					
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW6010C	7440-47-3	Chromium	28.5	mg/kg		0.29	0.29		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW6010C	7440-48-4	Cobalt	15.3	mg/kg		2.2	2.2		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW6010C	7440-50-8	Copper	58.3	mg/kg		28	298		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW6010C	7439-89-6	Iron	38700	mg/kg		5280	5280		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW6010C	7439-92-1	Lead	18	mg/kg		11	192		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW6010C	7439-95-4	Magnesium	9170	mg/kg					
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW6010C	7439-96-5	Manganese	484	mg/kg		173	173		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW6010C	7440-02-0	Nickel	15.1	mg/kg		38	134		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW6010C	7440-09-7	Potassium	1040	mg/kg					
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW6010C	7440-23-5	Sodium	374	mg/kg					
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW6010C	7440-28-0	Thallium	1.07	mg/kg	U	0.05	0.075		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW6010C	7440-62-2	Vanadium	87	mg/kg		7.8	37		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW6010C	7440-66-6	Zinc	57	mg/kg		46	2208		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW6020B	7440-36-0	Antimony	0.2	mg/kg	J	0.27	3		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW6020B	7782-49-2	Selenium	3.9	mg/kg		0.52	37		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW6020B	7440-22-4	Silver	0.041	mg/kg	J	4.2	37		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW7471B	7439-97-6	Mercury	0.0413	mg/kg		0.013	1.1		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8081B	53-19-0	2,4-DDD	0.00227	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8081B	3424-82-6	2,4-DDE	0.00227	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8081B	789-02-6	2,4-DDT	0.00227	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8081B	72-54-8	4,4'-DDD	0.00454	mg/kg	U	0.021	2.2		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8081B	72-55-9	4,4'-DDE	0.00227	mg/kg	U	0.021	1.8		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8081B	50-29-3	4,4'-DDT	0.00454	mg/kg	U	0.021	1.8		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8081B	309-00-2	Aldrin	0.00227	mg/kg	U	0.000085	0.031		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00227	mg/kg	U	0.27	1.7		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8081B	60-57-1	Dieldrin	0.00227	mg/kg	U	0.0049	0.033		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8081B	959-98-8	Endosulfan I	0.00227	mg/kg	U	0.64	45		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8081B	33213-65-9	Endosulfan II	0.00227	mg/kg	U	0.64	45		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00454	mg/kg	U	0.64	36		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8081B	72-20-8	Endrin	0.00227	mg/kg	U	0.0014	1.8		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00454	mg/kg	U	0.0014	1.8		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8081B	53494-70-5	Endrin ketone	0.00454	mg/kg	U	0.0014	1.8		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00227	mg/kg	U	0.0096	0.49		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00454	mg/kg	U	0.27	1.7		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8081B	76-44-8	Heptachlor	0.00454	mg/kg	U	0.0016	0.11		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00454	mg/kg	U	0.00015	0.055		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8081B	72-43-5	Methoxychlor	0.00454	mg/kg	U	5.1	31		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8081B	27304-13-8	Oxychlordane	0.00227	mg/kg	U				
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8082A	12674-11-2	Aroclor-1016	0.0017	mg/kg	U	0.041	0.1		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8082A	11104-28-2	Aroclor-1221	0.0012	mg/kg	U	0.041	0.19		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8082A	11141-16-5	Aroclor-1232	0.0012	mg/kg	U	0.041	0.16		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8082A	53469-21-9	Aroclor-1242	0.0012	mg/kg	U	0.041	0.22		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8082A	12672-29-6	Aroclor-1248	0.0007	mg/kg	U	0.041	0.22		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8082A	11097-69-1	Aroclor-1254	0.0012	mg/kg	U	0.029	0.029		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8082A	11096-82-5	Aroclor-1260	0.0017	mg/kg	U	0.041	0.23		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0172	mg/kg	U	23	23		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	83-32-9	Acenaphthene	0.0114	mg/kg	U	29	346		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	208-96-8	Acenaphthylene	0.0114	mg/kg	U	1.9	1.9		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	120-12-7	Anthracene	0.0172	mg/kg	U	29	1728		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.0195	mg/kg	J	1.1	1.1		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.0229	mg/kg	J	0.11	0.11		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0298	mg/kg	J	1.1	1.1		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.0172	mg/kg	J	1.1	173		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0118	mg/kg	J	1.1	11		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.142	mg/kg	J	0.02	37		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.0343	mg/kg	U	90	278		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	86-74-8	Carbazole	0.00496	mg/kg	J	7.5	7.5		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	218-01-9	Chrysene	0.0168	mg/kg	J	1.1	106		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0172	mg/kg	U	0.1056	0.11		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	132-64-9	Dibenzofuran	0.0172	mg/kg	U	6.1	7.5		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0343	mg/kg	U	0.011	605		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	206-44-0	Fluoranthene	0.032	mg/kg	J	1.1	230		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	86-73-7	Fluorene	0.0114	mg/kg	U	29	230		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0206	mg/kg	J	1.1	1.1		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	91-20-3	Naphthalene	0.0229	mg/kg	U	1.9	1.9		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	85-01-8	Phenanthrene	0.0134	mg/kg	J	29	1728		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	108-95-2	Phenol	0.0229	mg/kg	U	0.79	1824		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	SW8270D	129-00-0	Pyrene	0.0278	mg/kg	J	1.1	173		
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0314	mg/kg					
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.2156	mg/kg		1.1			
SA-25-SB	723387.838	7834060.799	8/20/2021	0 - 0	SO	N	SA-25-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.1255	mg/kg		29			
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0018	mg/kg		0.0073	0.23		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	2051-60-7	PCB-1	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	33146-45-1	PCB-10	0.0000064	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	39485-83-1	PCB-100	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	37680-73-2	PCB-101	0.000019	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	68194-06-9	PCB-102	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	60145-21-3	PCB-103	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	56558-16-8	PCB-104	0.00000055	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	32598-14-4	PCB-105	0.000015	mg/kg		0.0043	0.12		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	70424-69-0	PCB-106	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	70424-68-9	PCB-107	0.0000019	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	70362-41-3	PCB-108	0.0000097	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74472-35-8	PCB-109	0.000003	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	2050-67-1	PCB-11	0.000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	38380-03-9	PCB-110	0.000023	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	39635-32-0	PCB-111	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74472-36-9	PCB-112	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	68194-10-5	PCB-113	0.000019	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74472-37-0	PCB-114	0.0000007	mg/kg	J	0.003	0.12		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74472-38-1	PCB-115	0.000023	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	18259-05-7	PCB-116	0.0000048	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	68194-11-6	PCB-117	0.0000048	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	31508-00-6	PCB-118	0.000027	mg/kg		0.0022	0.12		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	56558-17-9	PCB-119	0.0000097	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	2974-92-7	PCB-12	0.000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	68194-12-7	PCB-120	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	56558-18-0	PCB-121	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	76842-07-4	PCB-122	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	65510-44-3	PCB-123	0.0000013	mg/kg	J	0.003	0.12		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	70424-70-3	PCB-124	0.0000019	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74472-39-2	PCB-125	0.0000097	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	57465-28-8	PCB-126	0.0000011	mg/kg	J	0.00000087	0.000035		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	39635-33-1	PCB-127	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	38380-07-3	PCB-128	0.000013	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	55215-18-4	PCB-129	0.000093	mg/kg					
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	2974-90-5	PCB-13	0.000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52663-66-8	PCB-130	0.0000046	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	61798-70-7	PCB-131	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	38380-05-1	PCB-132	0.000011	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	35694-04-3	PCB-133	0.0000011	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52704-70-8	PCB-134	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52744-13-5	PCB-135	0.000018	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	38411-22-2	PCB-136	0.000003	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	35694-06-5	PCB-137	0.000002	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	35065-28-2	PCB-138	0.000093	mg/kg					
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	56030-56-9	PCB-139	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	34883-41-5	PCB-14	0.0000064	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	59291-64-4	PCB-140	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52712-04-6	PCB-141	0.000017	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	41411-61-4	PCB-142	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	68194-15-0	PCB-143	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	68194-14-9	PCB-144	0.0000017	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74472-40-5	PCB-145	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	51908-16-8	PCB-146	0.000012	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	68194-13-8	PCB-147	0.000041	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74472-41-6	PCB-148	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	38380-04-0	PCB-149	0.000041	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	2050-68-2	PCB-15	0.0000064	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	68194-08-1	PCB-150	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52663-63-5	PCB-151	0.000018	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	68194-09-2	PCB-152	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	35065-27-1	PCB-153	0.000074	mg/kg					
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	60145-22-4	PCB-154	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	33979-03-2	PCB-155	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	38380-08-4	PCB-156	0.0000098	mg/kg		0.0014	0.12		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	69782-90-7	PCB-157	0.0000098	mg/kg		0.0014	0.12		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74472-42-7	PCB-158	0.0000077	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	39635-35-3	PCB-159	0.0000015	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	38444-78-9	PCB-16	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	41411-62-5	PCB-160	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74472-43-8	PCB-161	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	39635-34-2	PCB-162	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74472-44-9	PCB-163	0.000093	mg/kg					
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74472-45-0	PCB-164	0.0000069	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74472-46-1	PCB-165	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	41411-63-6	PCB-166	0.000013	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52663-72-6	PCB-167	0.0000044	mg/kg					
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	59291-65-5	PCB-168	0.000074	mg/kg					
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	32774-16-6	PCB-169	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	37680-66-3	PCB-17	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	35065-30-6	PCB-170	0.000043	mg/kg					
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52663-71-5	PCB-171	0.00001	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52663-74-8	PCB-172	0.0000097	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	68194-16-1	PCB-173	0.00001	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	38411-25-5	PCB-174	0.000037	mg/kg					
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	40186-70-7	PCB-175	0.0000011	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52663-65-7	PCB-176	0.0000025	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52663-70-4	PCB-177	0.000023	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52663-67-9	PCB-178	0.000011	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52663-64-6	PCB-179	0.000013	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	37680-65-2	PCB-18	0.0000051	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	35065-29-3	PCB-180	0.000094	mg/kg					
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74472-47-2	PCB-181	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	60145-23-5	PCB-182	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52663-69-1	PCB-183	0.000017	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74472-48-3	PCB-184	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52712-05-7	PCB-185	0.000004	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74472-49-4	PCB-186	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52663-68-0	PCB-187	0.000051	mg/kg					
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74487-85-7	PCB-188	0.0000004	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	39635-31-9	PCB-189	0.0000014	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	38444-73-4	PCB-19	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	41411-64-7	PCB-190	0.0000088	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74472-50-7	PCB-191	0.0000011	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74472-51-8	PCB-192	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	69782-91-8	PCB-193	0.000094	mg/kg					
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	35694-08-7	PCB-194	0.000018	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52663-78-2	PCB-195	0.000007	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	42740-50-1	PCB-196	0.000011	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	33091-17-7	PCB-197	0.00000038	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	68194-17-2	PCB-198	0.000035	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52663-75-9	PCB-199	0.000035	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	2051-61-8	PCB-2	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	38444-84-7	PCB-20	0.00000081	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52663-73-7	PCB-200	0.0000039	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	40186-71-8	PCB-201	0.0000024	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	2136-99-4	PCB-202	0.0000093	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52663-76-0	PCB-203	0.00002	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74472-52-9	PCB-204	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74472-53-0	PCB-205	0.000001	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	40186-72-9	PCB-206	0.000013	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52663-79-3	PCB-207	0.0000018	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52663-77-1	PCB-208	0.0000056	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	2051-24-3	PCB-209	0.0000028	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	55702-46-0	PCB-21	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	38444-85-8	PCB-22	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	55720-44-0	PCB-23	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	55702-45-9	PCB-24	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	55712-37-3	PCB-25	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	38444-81-4	PCB-26	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	38444-76-7	PCB-27	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	7012-37-5	PCB-28	0.00000081	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	15862-07-4	PCB-29	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	2051-62-9	PCB-3	0.0000064	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	35693-92-6	PCB-30	0.0000051	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	16606-02-3	PCB-31	0.00000091	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	38444-77-8	PCB-32	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	38444-86-9	PCB-33	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	37680-68-5	PCB-34	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	37680-69-6	PCB-35	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	38444-87-0	PCB-36	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	38444-90-5	PCB-37	0.0000012	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	53555-66-1	PCB-38	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	38444-88-1	PCB-39	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	13029-08-8	PCB-4	0.0000064	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	38444-93-8	PCB-40	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52663-59-9	PCB-41	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	36559-22-5	PCB-42	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	70362-46-8	PCB-43	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	41464-39-5	PCB-44	0.0000077	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	70362-45-7	PCB-45	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	41464-47-5	PCB-46	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	2437-79-8	PCB-47	0.0000077	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	70362-47-9	PCB-48	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	41464-40-8	PCB-49	0.0000014	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	16605-91-7	PCB-5	0.0000064	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	62796-65-0	PCB-50	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	68194-04-7	PCB-51	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	35693-99-3	PCB-52	0.000003	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	41464-41-9	PCB-53	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	15968-05-5	PCB-54	0.00000065	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74338-24-2	PCB-55	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	41464-43-1	PCB-56	0.00000071	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	70424-67-8	PCB-57	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	41464-49-7	PCB-58	0.0000013	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74472-33-6	PCB-59	0.0000038	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	25569-80-6	PCB-6	0.0000064	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	33025-41-1	PCB-60	0.00000046	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	33284-53-6	PCB-61	0.0000055	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	54230-22-7	PCB-62	0.0000038	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74472-34-7	PCB-63	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52663-58-8	PCB-64	0.00000082	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	33284-54-7	PCB-65	0.0000077	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	32598-10-0	PCB-66	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	73575-53-8	PCB-67	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	73575-52-7	PCB-68	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	60233-24-1	PCB-69	0.0000014	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	33284-50-3	PCB-7	0.0000064	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	32598-11-1	PCB-70	0.0000055	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	41464-46-4	PCB-71	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	41464-42-0	PCB-72	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	74338-23-1	PCB-73	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	32690-93-0	PCB-74	0.0000055	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	32598-12-2	PCB-75	0.0000038	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	70362-48-0	PCB-76	0.0000055	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	32598-13-3	PCB-77	0.0000016	mg/kg	J	0.000017	0.036		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	70362-49-1	PCB-78	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	41464-48-6	PCB-79	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	34883-43-7	PCB-8	0.0000064	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	33284-52-5	PCB-80	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	70362-50-4	PCB-81	0.0000013	mg/kg	U	0.00015	0.012		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52663-62-4	PCB-82	0.000001	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	60145-20-2	PCB-83	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52663-60-2	PCB-84	0.0000014	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	65510-45-4	PCB-85	0.0000048	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	55312-69-1	PCB-86	0.0000097	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	38380-02-8	PCB-87	0.0000097	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	55215-17-3	PCB-88	0.0000013	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	73575-57-2	PCB-89	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	34883-39-1	PCB-9	0.0000064	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	68194-07-0	PCB-90	0.000019	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	68194-05-8	PCB-91	0.0000013	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	52663-61-3	PCB-92	0.0000034	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	73575-56-1	PCB-93	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	73575-55-0	PCB-94	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	38379-99-6	PCB-95	0.0000076	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	73575-54-9	PCB-96	0.0000013	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	41464-51-1	PCB-97	0.0000097	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	60233-25-2	PCB-98	0.0000026	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	1668C	38380-01-7	PCB-99	0.0000098	mg/kg	J				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	Organotins	1002-53-5	Dibutyltin	0.045	mg/kg	J	1.8	1.8		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	Organotins	1461-25-2	Tetrabutyltin	0.1	mg/kg	J	2.2	2.2		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	Organotins	688-73-3	Tributyltin	0.052	mg/kg	U	2.2	2.2		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW6010C	7429-90-5	Aluminum	44100	mg/kg		50	7392		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW6010C	7440-38-2	Arsenic	1.16	mg/kg	U	0.43	0.43		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW6010C	7440-39-3	Barium	94	mg/kg		330	1440		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW6010C	7440-41-7	Beryllium	0.285	mg/kg	J	15	15		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW6010C	7440-43-9	Cadmium	0.0581	mg/kg	U	0.36	0.68		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW6010C	7440-70-2	Calcium	11400	mg/kg					
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW6010C	7440-47-3	Chromium	34.8	mg/kg		0.29	0.29		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW6010C	7440-48-4	Cobalt	20.4	mg/kg		2.2	2.2		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW6010C	7440-50-8	Copper	75.9	mg/kg		28	298		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW6010C	7439-89-6	Iron	46300	mg/kg		5280	5280		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW6010C	7439-92-1	Lead	14.3	mg/kg		11	192		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW6010C	7439-95-4	Magnesium	16500	mg/kg					
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW6010C	7439-96-5	Manganese	940	mg/kg		173	173		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW6010C	7440-02-0	Nickel	23.6	mg/kg		38	134		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW6010C	7440-09-7	Potassium	764	mg/kg					
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW6010C	7440-23-5	Sodium	312	mg/kg					
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW6010C	7440-28-0	Thallium	1.16	mg/kg	U	0.05	0.075		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW6010C	7440-62-2	Vanadium	95.6	mg/kg		7.8	37		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW6010C	7440-66-6	Zinc	49.1	mg/kg		46	2208		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW6020B	7440-36-0	Antimony	0.27	mg/kg	J	0.27	3		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW6020B	7782-49-2	Selenium	4.8	mg/kg		0.52	37		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW6020B	7440-22-4	Silver	0.043	mg/kg	J	4.2	37		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW7471B	7439-97-6	Mercury	0.056	mg/kg		0.013	1.1		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8081B	53-19-0	2,4-DDD	0.00218	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8081B	3424-82-6	2,4-DDE	0.00218	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8081B	789-02-6	2,4-DDT	0.00218	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8081B	72-54-8	4,4'-DDD	0.00437	mg/kg	U	0.021	2.2		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8081B	72-55-9	4,4'-DDE	0.00218	mg/kg	U	0.021	1.8		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8081B	50-29-3	4,4'-DDT	0.00437	mg/kg	U	0.021	1.8		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8081B	309-00-2	Aldrin	0.00218	mg/kg	U	0.000085	0.031		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00218	mg/kg	U	0.27	1.7		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8081B	60-57-1	Dieldrin	0.00218	mg/kg	U	0.0049	0.033		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8081B	959-98-8	Endosulfan I	0.00218	mg/kg	U	0.64	45		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8081B	33213-65-9	Endosulfan II	0.00218	mg/kg	U	0.64	45		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00437	mg/kg	U	0.64	36		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8081B	72-20-8	Endrin	0.00218	mg/kg	U	0.0014	1.8		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00437	mg/kg	U	0.0014	1.8		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8081B	53494-70-5	Endrin ketone	0.00437	mg/kg	U	0.0014	1.8		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00218	mg/kg	U	0.0096	0.49		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00437	mg/kg	U	0.27	1.7		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8081B	76-44-8	Heptachlor	0.00437	mg/kg	U	0.0016	0.11		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00437	mg/kg	U	0.00015	0.055		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8081B	72-43-5	Methoxychlor	0.00437	mg/kg	U	5.1	31		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8081B	27304-13-8	Oxychlordane	0.00218	mg/kg	U				
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8082A	12674-11-2	Aroclor-1016	0.0018	mg/kg	U	0.041	0.1		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8082A	11104-28-2	Aroclor-1221	0.0012	mg/kg	U	0.041	0.19		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8082A	11141-16-5	Aroclor-1232	0.0012	mg/kg	U	0.041	0.16		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8082A	53469-21-9	Aroclor-1242	0.0012	mg/kg	U	0.041	0.22		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8082A	12672-29-6	Aroclor-1248	0.00073	mg/kg	U	0.041	0.22		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8082A	11097-69-1	Aroclor-1254	0.0012	mg/kg	U	0.029	0.029		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8082A	11096-82-5	Aroclor-1260	0.00091	mg/kg	J	0.041	0.23		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0177	mg/kg	U	23	23		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	83-32-9	Acenaphthene	0.0118	mg/kg	U	29	346		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	208-96-8	Acenaphthylene	0.0118	mg/kg	U	1.9	1.9		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	120-12-7	Anthracene	0.0177	mg/kg	U	29	1728		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.0122	mg/kg	J	1.1	1.1		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.0157	mg/kg	J	0.11	0.11		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0189	mg/kg	J	1.1	1.1		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.0236	mg/kg	U	1.1	173		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0114	mg/kg	J	1.1	11		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.05	mg/kg	J	0.02	37		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.0354	mg/kg	U	90	278		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	86-74-8	Carbazole	0.00433	mg/kg	J	7.5	7.5		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	218-01-9	Chrysene	0.00865	mg/kg	J	1.1	106		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0177	mg/kg	U	0.1056	0.11		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	132-64-9	Dibenzofuran	0.0177	mg/kg	U	6.1	7.5		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0354	mg/kg	U	0.011	605		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	206-44-0	Fluoranthene	0.0201	mg/kg	J	1.1	230		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	86-73-7	Fluorene	0.0118	mg/kg	U	29	230		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0236	mg/kg	U	1.1	1.1		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	91-20-3	Naphthalene	0.0236	mg/kg	U	1.9	1.9		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	85-01-8	Phenanthrene	0.00747	mg/kg	J	29	1728		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	108-95-2	Phenol	0.0236	mg/kg	U	0.79	1824		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	SW8270D	129-00-0	Pyrene	0.0169	mg/kg	J	1.1	173		
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.023	mg/kg					
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.146	mg/kg		1.1			
SA-26-SB	723512.849	7834334.215	8/26/2021	0 - 0	SO	N	SA-26-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.11017	mg/kg		29			
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0029	mg/kg		0.0073	0.23		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	2051-60-7	PCB-1	0.0000028	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	33146-45-1	PCB-10	0.0000069	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	39485-83-1	PCB-100	0.0000028	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	37680-73-2	PCB-101	0.00004	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	68194-06-9	PCB-102	0.0000028	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	60145-21-3	PCB-103	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	56558-16-8	PCB-104	0.00000056	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	32598-14-4	PCB-105	0.000023	mg/kg		0.0043	0.12		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	70424-69-0	PCB-106	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	70424-68-9	PCB-107	0.0000033	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	70362-41-3	PCB-108	0.000023	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74472-35-8	PCB-109	0.0000044	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	2050-67-1	PCB-11	0.000028	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	38380-03-9	PCB-110	0.000046	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	39635-32-0	PCB-111	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74472-36-9	PCB-112	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	68194-10-5	PCB-113	0.00004	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74472-37-0	PCB-114	0.0000015	mg/kg	J+	0.003	0.12		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74472-38-1	PCB-115	0.000046	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	18259-05-7	PCB-116	0.0000073	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	68194-11-6	PCB-117	0.0000073	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	31508-00-6	PCB-118	0.000044	mg/kg		0.0022	0.12		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	56558-17-9	PCB-119	0.000023	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	2974-92-7	PCB-12	0.000014	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	68194-12-7	PCB-120	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	56558-18-0	PCB-121	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	76842-07-4	PCB-122	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	65510-44-3	PCB-123	0.0000016	mg/kg	J	0.003	0.12		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	70424-70-3	PCB-124	0.0000033	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74472-39-2	PCB-125	0.000023	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	57465-28-8	PCB-126	0.0000015	mg/kg	J	0.00000087	0.000035		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	39635-33-1	PCB-127	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	38380-07-3	PCB-128	0.00002	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	55215-18-4	PCB-129	0.00014	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	2974-90-5	PCB-13	0.000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52663-66-8	PCB-130	0.0000068	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	61798-70-7	PCB-131	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	38380-05-1	PCB-132	0.000022	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	35694-04-3	PCB-133	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52704-70-8	PCB-134	0.0000028	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52744-13-5	PCB-135	0.00003	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	38411-22-2	PCB-136	0.0000054	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	35694-06-5	PCB-137	0.0000032	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	35065-28-2	PCB-138	0.00014	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	56030-56-9	PCB-139	0.0000028	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	34883-41-5	PCB-14	0.0000069	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	59291-64-4	PCB-140	0.0000028	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52712-04-6	PCB-141	0.000031	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	41411-61-4	PCB-142	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	68194-15-0	PCB-143	0.0000028	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	68194-14-9	PCB-144	0.0000035	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74472-40-5	PCB-145	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	51908-16-8	PCB-146	0.000017	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	68194-13-8	PCB-147	0.000069	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74472-41-6	PCB-148	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	38380-04-0	PCB-149	0.000069	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	2050-68-2	PCB-15	0.0000069	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	68194-08-1	PCB-150	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52663-63-5	PCB-151	0.00003	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	68194-09-2	PCB-152	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	35065-27-1	PCB-153	0.00011	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	60145-22-4	PCB-154	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	33979-03-2	PCB-155	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	38380-08-4	PCB-156	0.000017	mg/kg		0.0014	0.12		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	69782-90-7	PCB-157	0.000017	mg/kg		0.0014	0.12		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74472-42-7	PCB-158	0.000013	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	39635-35-3	PCB-159	0.0000038	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	38444-78-9	PCB-16	0.0000028	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	41411-62-5	PCB-160	0.0000028	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74472-43-8	PCB-161	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	39635-34-2	PCB-162	0.00000053	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74472-44-9	PCB-163	0.00014	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74472-45-0	PCB-164	0.00001	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74472-46-1	PCB-165	0.0000014	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	41411-63-6	PCB-166	0.00002	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52663-72-6	PCB-167	0.0000078	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	59291-65-5	PCB-168	0.00011	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	32774-16-6	PCB-169	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	37680-66-3	PCB-17	0.0000028	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	35065-30-6	PCB-170	0.000079	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52663-71-5	PCB-171	0.000022	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52663-74-8	PCB-172	0.000018	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	68194-16-1	PCB-173	0.000022	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	38411-25-5	PCB-174	0.000079	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	40186-70-7	PCB-175	0.0000026	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52663-65-7	PCB-176	0.0000056	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52663-70-4	PCB-177	0.000042	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52663-67-9	PCB-178	0.000017	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52663-64-6	PCB-179	0.000019	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	37680-65-2	PCB-18	0.00000071	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	35065-29-3	PCB-180	0.00017	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74472-47-2	PCB-181	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	60145-23-5	PCB-182	0.00000067	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52663-69-1	PCB-183	0.00004	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74472-48-3	PCB-184	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52712-05-7	PCB-185	0.000011	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74472-49-4	PCB-186	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52663-68-0	PCB-187	0.000085	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74487-85-7	PCB-188	0.00000059	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	39635-31-9	PCB-189	0.0000028	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	38444-73-4	PCB-19	0.0000028	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	41411-64-7	PCB-190	0.000017	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74472-50-7	PCB-191	0.0000031	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74472-51-8	PCB-192	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	69782-91-8	PCB-193	0.00017	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	35694-08-7	PCB-194	0.000039	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52663-78-2	PCB-195	0.000016	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	42740-50-1	PCB-196	0.000024	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	33091-17-7	PCB-197	0.0000014	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	68194-17-2	PCB-198	0.000068	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52663-75-9	PCB-199	0.000068	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	2051-61-8	PCB-2	0.0000035	mg/kg	J+				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	38444-84-7	PCB-20	0.0000013	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52663-73-7	PCB-200	0.0000074	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	40186-71-8	PCB-201	0.0000054	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	2136-99-4	PCB-202	0.000015	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52663-76-0	PCB-203	0.000037	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74472-52-9	PCB-204	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74472-53-0	PCB-205	0.0000018	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	40186-72-9	PCB-206	0.000021	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52663-79-3	PCB-207	0.0000032	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52663-77-1	PCB-208	0.0000082	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	2051-24-3	PCB-209	0.0000048	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	55702-46-0	PCB-21	0.00000087	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	38444-85-8	PCB-22	0.0000028	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	55720-44-0	PCB-23	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	55702-45-9	PCB-24	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	55712-37-3	PCB-25	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	38444-81-4	PCB-26	0.0000028	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	38444-76-7	PCB-27	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	7012-37-5	PCB-28	0.0000013	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	15862-07-4	PCB-29	0.0000028	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	2051-62-9	PCB-3	0.0000094	mg/kg	J+				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	35693-92-6	PCB-30	0.00000071	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	16606-02-3	PCB-31	0.0000016	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	38444-77-8	PCB-32	0.0000028	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	38444-86-9	PCB-33	0.00000087	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	37680-68-5	PCB-34	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	37680-69-6	PCB-35	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	38444-87-0	PCB-36	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	38444-90-5	PCB-37	0.0000018	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	53555-66-1	PCB-38	0.0000012	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	38444-88-1	PCB-39	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	13029-08-8	PCB-4	0.0000069	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	38444-93-8	PCB-40	0.0000007	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52663-59-9	PCB-41	0.0000028	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	36559-22-5	PCB-42	0.00000041	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	70362-46-8	PCB-43	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	41464-39-5	PCB-44	0.0000083	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	70362-45-7	PCB-45	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	41464-47-5	PCB-46	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	2437-79-8	PCB-47	0.0000083	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	70362-47-9	PCB-48	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	41464-40-8	PCB-49	0.0000026	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	16605-91-7	PCB-5	0.0000069	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	62796-65-0	PCB-50	0.00000028	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	68194-04-7	PCB-51	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	35693-99-3	PCB-52	0.0000054	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	41464-41-9	PCB-53	0.00000028	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	15968-05-5	PCB-54	0.00000058	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74338-24-2	PCB-55	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	41464-43-1	PCB-56	0.0000013	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	70424-67-8	PCB-57	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	41464-49-7	PCB-58	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74472-33-6	PCB-59	0.0000042	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	25569-80-6	PCB-6	0.0000069	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	33025-41-1	PCB-60	0.00000084	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	33284-53-6	PCB-61	0.0000085	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	54230-22-7	PCB-62	0.0000042	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74472-34-7	PCB-63	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52663-58-8	PCB-64	0.0000013	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	33284-54-7	PCB-65	0.0000083	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	32598-10-0	PCB-66	0.000003	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	73575-53-8	PCB-67	0.0000014	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	73575-52-7	PCB-68	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	60233-24-1	PCB-69	0.0000026	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	33284-50-3	PCB-7	0.0000069	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	32598-11-1	PCB-70	0.0000085	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	41464-46-4	PCB-71	0.0000007	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	41464-42-0	PCB-72	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	74338-23-1	PCB-73	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	32690-93-0	PCB-74	0.0000085	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	32598-12-2	PCB-75	0.0000042	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	70362-48-0	PCB-76	0.0000085	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	32598-13-3	PCB-77	0.0000023	mg/kg	J	0.000017	0.036		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	70362-49-1	PCB-78	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	41464-48-6	PCB-79	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	34883-43-7	PCB-8	0.0000069	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	33284-52-5	PCB-80	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	70362-50-4	PCB-81	0.0000014	mg/kg	U	0.00015	0.012		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52663-62-4	PCB-82	0.0000031	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	60145-20-2	PCB-83	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52663-60-2	PCB-84	0.0000052	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	65510-45-4	PCB-85	0.0000073	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	55312-69-1	PCB-86	0.000023	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	38380-02-8	PCB-87	0.000023	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	55215-17-3	PCB-88	0.0000026	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	73575-57-2	PCB-89	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	34883-39-1	PCB-9	0.0000069	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	68194-07-0	PCB-90	0.00004	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	68194-05-8	PCB-91	0.0000026	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	52663-61-3	PCB-92	0.0000071	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	73575-56-1	PCB-93	0.0000028	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	73575-55-0	PCB-94	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	38379-99-6	PCB-95	0.000021	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	73575-54-9	PCB-96	0.0000014	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	41464-51-1	PCB-97	0.000023	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	60233-25-2	PCB-98	0.0000028	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	1668C	38380-01-7	PCB-99	0.000016	mg/kg	J				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	Organotins	1002-53-5	Dibutyltin	0.055	mg/kg	U	1.8	1.8		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	Organotins	78763-54-9	Monobutyltin	0.08	mg/kg	U	2.2	2.2		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	Organotins	1461-25-2	Tetrabutyltin	0.13	mg/kg	U	2.2	2.2		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	Organotins	688-73-3	Tributyltin	0.064	mg/kg	U	2.2	2.2		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW6010C	7429-90-5	Aluminum	38700	mg/kg		50	7392		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW6010C	7440-38-2	Arsenic	1.16	mg/kg	U	0.43	0.43		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW6010C	7440-39-3	Barium	126	mg/kg		330	1440		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW6010C	7440-41-7	Beryllium	1.16	mg/kg	U	15	15		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW6010C	7440-43-9	Cadmium	0.0581	mg/kg	U	0.36	0.68		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW6010C	7440-70-2	Calcium	9220	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW6010C	7440-47-3	Chromium	28.2	mg/kg		0.29	0.29		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW6010C	7440-48-4	Cobalt	18	mg/kg		2.2	2.2		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW6010C	7440-50-8	Copper	60.1	mg/kg		28	298		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW6010C	7439-89-6	Iron	37400	mg/kg		5280	5280		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW6010C	7439-92-1	Lead	14.1	mg/kg		11	192		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW6010C	7439-95-4	Magnesium	14200	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW6010C	7439-96-5	Manganese	829	mg/kg		173	173		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW6010C	7440-02-0	Nickel	21.6	mg/kg		38	134		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW6010C	7440-09-7	Potassium	1030	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW6010C	7440-23-5	Sodium	229	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW6010C	7440-28-0	Thallium	1.16	mg/kg	U	0.05	0.075		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW6010C	7440-62-2	Vanadium	86.1	mg/kg		7.8	37		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW6010C	7440-66-6	Zinc	46.5	mg/kg		46	2208		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW6020B	7440-36-0	Antimony	0.16	mg/kg	J	0.27	3		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW6020B	7782-49-2	Selenium	2.9	mg/kg		0.52	37		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW6020B	7440-22-4	Silver	0.036	mg/kg	J	4.2	37		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW7471B	7439-97-6	Mercury	0.059	mg/kg		0.013	1.1		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8081B	53-19-0	2,4-DDD	0.017	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8081B	3424-82-6	2,4-DDE	0.00028	mg/kg	J+				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8081B	789-02-6	2,4-DDT	0.00028	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8081B	72-54-8	4,4'-DDD	0.0001	mg/kg	U	0.021	2.2		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8081B	72-55-9	4,4'-DDE	0.00016	mg/kg	U	0.021	1.8		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8081B	50-29-3	4,4'-DDT	0.00021	mg/kg	U	0.021	1.8		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8081B	309-00-2	Aldrin	0.0001	mg/kg	U	0.000085	0.031		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00021	mg/kg	J	0.27	1.7		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8081B	60-57-1	Dieldrin	0.00015	mg/kg	J	0.0049	0.033		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8081B	959-98-8	Endosulfan I	0.0001	mg/kg	U	0.64	45		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8081B	33213-65-9	Endosulfan II	0.0001	mg/kg	U	0.64	45		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.0001	mg/kg	U	0.64	36		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8081B	72-20-8	Endrin	0.00021	mg/kg	J	0.0014	1.8		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8081B	7421-93-4	Endrin aldehyde	0.0021	mg/kg	U	0.0014	1.8		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8081B	53494-70-5	Endrin ketone	0.00021	mg/kg	U	0.0014	1.8		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00021	mg/kg	U	0.0096	0.49		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8081B	5103-74-2	gamma-Chlordane	0.0001	mg/kg	U	0.27	1.7		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8081B	76-44-8	Heptachlor	0.00026	mg/kg	U	0.0016	0.11		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.0001	mg/kg	U	0.00015	0.055		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8081B	72-43-5	Methoxychlor	0.0001	mg/kg	U	5.1	31		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8081B	27304-13-8	Oxychlordane	0.00226	mg/kg	U				
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8082A	12674-11-2	Aroclor-1016	0.0021	mg/kg	U	0.041	0.1		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8082A	11104-28-2	Aroclor-1221	0.0014	mg/kg	U	0.041	0.19		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8082A	11141-16-5	Aroclor-1232	0.0014	mg/kg	U	0.041	0.16		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8082A	53469-21-9	Aroclor-1242	0.0014	mg/kg	U	0.041	0.22		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8082A	12672-29-6	Aroclor-1248	0.00083	mg/kg	U	0.041	0.22		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8082A	11097-69-1	Aroclor-1254	0.0014	mg/kg	U	0.029	0.029		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8082A	11096-82-5	Aroclor-1260	0.0013	mg/kg	J	0.041	0.23		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0172	mg/kg	U	23	23		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	83-32-9	Acenaphthene	0.0114	mg/kg	U	29	346		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	208-96-8	Acenaphthylene	0.0114	mg/kg	U	1.9	1.9		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	120-12-7	Anthracene	0.0172	mg/kg	U	29	1728		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.0122	mg/kg	J	1.1	1.1		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.0145	mg/kg	J	0.11	0.11		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0149	mg/kg	J	1.1	1.1		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.0229	mg/kg	U	1.1	173		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0114	mg/kg	J	1.1	11		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.137	mg/kg	U	0.02	37		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.0343	mg/kg	U	90	278		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	86-74-8	Carbazole	0.0114	mg/kg	U	7.5	7.5		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	218-01-9	Chrysene	0.00687	mg/kg	J	1.1	106		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0172	mg/kg	U	0.1056	0.11		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	132-64-9	Dibenzofuran	0.0172	mg/kg	U	6.1	7.5		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0343	mg/kg	U	0.011	605		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	206-44-0	Fluoranthene	0.0179	mg/kg	J	1.1	230		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	86-73-7	Fluorene	0.0114	mg/kg	U	29	230		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0229	mg/kg	U	1.1	1.1		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	91-20-3	Naphthalene	0.0229	mg/kg	U	1.9	1.9		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	85-01-8	Phenanthrene	0.00611	mg/kg	J	29	1728		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	108-95-2	Phenol	0.0229	mg/kg	U	0.79	1824		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	SW8270D	129-00-0	Pyrene	0.0149	mg/kg	J	1.1	173		
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.021	mg/kg					
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.1314	mg/kg		1.1			
SA-27-SB	723463.59	7834303.866	8/24/2021	0 - 0	SO	N	SA-27-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.10411	mg/kg		29			
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0006	mg/kg		0.0073	0.23		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	2051-60-7	PCB-1	0.0000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	33146-45-1	PCB-10	0.0000066	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	39485-83-1	PCB-100	0.0000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	37680-73-2	PCB-101	0.0000048	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	68194-06-9	PCB-102	0.0000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	60145-21-3	PCB-103	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	56558-16-8	PCB-104	0.00000075	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	32598-14-4	PCB-105	0.0000041	mg/kg		0.0043	0.12		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	70424-69-0	PCB-106	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	70424-68-9	PCB-107	0.00000044	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	70362-41-3	PCB-108	0.0000027	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74472-35-8	PCB-109	0.00000068	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	2050-67-1	PCB-11	0.000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	38380-03-9	PCB-110	0.0000048	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	39635-32-0	PCB-111	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74472-36-9	PCB-112	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	68194-10-5	PCB-113	0.0000048	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74472-37-0	PCB-114	0.0000006	mg/kg	J	0.003	0.12		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74472-38-1	PCB-115	0.0000048	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	18259-05-7	PCB-116	0.0000013	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	68194-11-6	PCB-117	0.0000013	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	31508-00-6	PCB-118	0.0000081	mg/kg		0.0022	0.12		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	56558-17-9	PCB-119	0.0000027	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	2974-92-7	PCB-12	0.000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	68194-12-7	PCB-120	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	56558-18-0	PCB-121	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	76842-07-4	PCB-122	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	65510-44-3	PCB-123	0.00000086	mg/kg	J	0.003	0.12		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	70424-70-3	PCB-124	0.00000044	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74472-39-2	PCB-125	0.0000027	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	57465-28-8	PCB-126	0.00000065	mg/kg	J	0.00000087	0.000035		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	39635-33-1	PCB-127	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	38380-07-3	PCB-128	0.0000026	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	55215-18-4	PCB-129	0.000016	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	2974-90-5	PCB-13	0.000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52663-66-8	PCB-130	0.00000089	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	61798-70-7	PCB-131	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	38380-05-1	PCB-132	0.0000016	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	35694-04-3	PCB-133	0.00000015	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52704-70-8	PCB-134	0.0000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52744-13-5	PCB-135	0.0000032	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	38411-22-2	PCB-136	0.00000056	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	35694-06-5	PCB-137	0.00000058	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	35065-28-2	PCB-138	0.000016	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	56030-56-9	PCB-139	0.0000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	34883-41-5	PCB-14	0.0000066	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	59291-64-4	PCB-140	0.0000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52712-04-6	PCB-141	0.0000027	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	41411-61-4	PCB-142	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	68194-15-0	PCB-143	0.0000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	68194-14-9	PCB-144	0.00000032	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74472-40-5	PCB-145	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	51908-16-8	PCB-146	0.0000022	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	68194-13-8	PCB-147	0.0000064	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74472-41-6	PCB-148	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	38380-04-0	PCB-149	0.0000064	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	2050-68-2	PCB-15	0.0000066	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	68194-08-1	PCB-150	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52663-63-5	PCB-151	0.0000032	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	68194-09-2	PCB-152	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	35065-27-1	PCB-153	0.000013	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	60145-22-4	PCB-154	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	33979-03-2	PCB-155	0.00000042	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	38380-08-4	PCB-156	0.0000027	mg/kg	J	0.0014	0.12		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	69782-90-7	PCB-157	0.0000027	mg/kg	J	0.0014	0.12		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74472-42-7	PCB-158	0.0000011	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	39635-35-3	PCB-159	0.00000018	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	38444-78-9	PCB-16	0.0000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	41411-62-5	PCB-160	0.0000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74472-43-8	PCB-161	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	39635-34-2	PCB-162	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74472-44-9	PCB-163	0.000016	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74472-45-0	PCB-164	0.00000097	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74472-46-1	PCB-165	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	41411-63-6	PCB-166	0.0000026	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52663-72-6	PCB-167	0.0000011	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	59291-65-5	PCB-168	0.000013	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	32774-16-6	PCB-169	0.00000064	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	37680-66-3	PCB-17	0.0000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	35065-30-6	PCB-170	0.000008	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52663-71-5	PCB-171	0.0000017	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52663-74-8	PCB-172	0.0000019	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	68194-16-1	PCB-173	0.0000017	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	38411-25-5	PCB-174	0.0000063	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	40186-70-7	PCB-175	0.00000019	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52663-65-7	PCB-176	0.00000036	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52663-70-4	PCB-177	0.0000038	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52663-67-9	PCB-178	0.0000021	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52663-64-6	PCB-179	0.0000019	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	37680-65-2	PCB-18	0.00000046	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	35065-29-3	PCB-180	0.00002	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74472-47-2	PCB-181	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	60145-23-5	PCB-182	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52663-69-1	PCB-183	0.0000037	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74472-48-3	PCB-184	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52712-05-7	PCB-185	0.00000075	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74472-49-4	PCB-186	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52663-68-0	PCB-187	0.000011	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74487-85-7	PCB-188	0.0000004	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	39635-31-9	PCB-189	0.0000004	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	38444-73-4	PCB-19	0.0000015	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	41411-64-7	PCB-190	0.0000016	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74472-50-7	PCB-191	0.00000019	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74472-51-8	PCB-192	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	69782-91-8	PCB-193	0.00002	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	35694-08-7	PCB-194	0.0000054	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52663-78-2	PCB-195	0.0000015	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	42740-50-1	PCB-196	0.0000028	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	33091-17-7	PCB-197	0.00000012	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	68194-17-2	PCB-198	0.0000098	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52663-75-9	PCB-199	0.0000098	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	2051-61-8	PCB-2	0.0000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	38444-84-7	PCB-20	0.0000012	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52663-73-7	PCB-200	0.00000082	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	40186-71-8	PCB-201	0.00000057	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	2136-99-4	PCB-202	0.000003	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52663-76-0	PCB-203	0.0000057	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74472-52-9	PCB-204	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74472-53-0	PCB-205	0.00000043	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	40186-72-9	PCB-206	0.0000051	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52663-79-3	PCB-207	0.00000058	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52663-77-1	PCB-208	0.000002	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	2051-24-3	PCB-209	0.0000014	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	55702-46-0	PCB-21	0.00000062	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	38444-85-8	PCB-22	0.0000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	55720-44-0	PCB-23	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	55702-45-9	PCB-24	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	55712-37-3	PCB-25	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	38444-81-4	PCB-26	0.0000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	38444-76-7	PCB-27	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	7012-37-5	PCB-28	0.0000012	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	15862-07-4	PCB-29	0.0000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	2051-62-9	PCB-3	0.0000066	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	35693-92-6	PCB-30	0.00000046	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	16606-02-3	PCB-31	0.0000011	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	38444-77-8	PCB-32	0.0000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	38444-86-9	PCB-33	0.00000062	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	37680-68-5	PCB-34	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	37680-69-6	PCB-35	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	38444-87-0	PCB-36	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	38444-90-5	PCB-37	0.0000014	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	53555-66-1	PCB-38	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	38444-88-1	PCB-39	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	13029-08-8	PCB-4	0.0000066	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	38444-93-8	PCB-40	0.00000036	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52663-59-9	PCB-41	0.0000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	36559-22-5	PCB-42	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	70362-46-8	PCB-43	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	41464-39-5	PCB-44	0.0000018	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	70362-45-7	PCB-45	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	41464-47-5	PCB-46	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	2437-79-8	PCB-47	0.0000018	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	70362-47-9	PCB-48	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	41464-40-8	PCB-49	0.00000073	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	16605-91-7	PCB-5	0.0000066	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	62796-65-0	PCB-50	0.0000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	68194-04-7	PCB-51	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	35693-99-3	PCB-52	0.0000013	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	41464-41-9	PCB-53	0.0000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	15968-05-5	PCB-54	0.00000094	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74338-24-2	PCB-55	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	41464-43-1	PCB-56	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	70424-67-8	PCB-57	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	41464-49-7	PCB-58	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74472-33-6	PCB-59	0.000004	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	25569-80-6	PCB-6	0.0000066	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	33025-41-1	PCB-60	0.00000035	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	33284-53-6	PCB-61	0.0000025	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	54230-22-7	PCB-62	0.000004	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74472-34-7	PCB-63	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52663-58-8	PCB-64	0.00000051	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	33284-54-7	PCB-65	0.0000018	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	32598-10-0	PCB-66	0.0000011	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	73575-53-8	PCB-67	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	73575-52-7	PCB-68	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	60233-24-1	PCB-69	0.00000073	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	33284-50-3	PCB-7	0.0000066	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	32598-11-1	PCB-70	0.0000025	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	41464-46-4	PCB-71	0.00000036	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	41464-42-0	PCB-72	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	74338-23-1	PCB-73	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	32690-93-0	PCB-74	0.0000025	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	32598-12-2	PCB-75	0.000004	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	70362-48-0	PCB-76	0.0000025	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	32598-13-3	PCB-77	0.0000011	mg/kg	J	0.000017	0.036		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	70362-49-1	PCB-78	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	41464-48-6	PCB-79	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	34883-43-7	PCB-8	0.0000066	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	33284-52-5	PCB-80	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	70362-50-4	PCB-81	0.00000066	mg/kg	J	0.00015	0.012		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52663-62-4	PCB-82	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	60145-20-2	PCB-83	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52663-60-2	PCB-84	0.00000051	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	65510-45-4	PCB-85	0.0000013	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	55312-69-1	PCB-86	0.0000027	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	38380-02-8	PCB-87	0.0000027	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	55215-17-3	PCB-88	0.0000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	73575-57-2	PCB-89	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	34883-39-1	PCB-9	0.0000066	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	68194-07-0	PCB-90	0.0000048	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	68194-05-8	PCB-91	0.0000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	52663-61-3	PCB-92	0.00000088	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	73575-56-1	PCB-93	0.0000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	73575-55-0	PCB-94	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	38379-99-6	PCB-95	0.0000022	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	73575-54-9	PCB-96	0.0000013	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	41464-51-1	PCB-97	0.0000027	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	60233-25-2	PCB-98	0.0000026	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	1668C	38380-01-7	PCB-99	0.0000023	mg/kg	J				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	Organotins	1002-53-5	Dibutyltin	0.048	mg/kg	U	1.8	1.8		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	Organotins	78763-54-9	Monobutyltin	0.07	mg/kg	U	2.2	2.2		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	Organotins	1461-25-2	Tetrabutyltin	0.11	mg/kg	U	2.2	2.2		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	Organotins	688-73-3	Tributyltin	0.056	mg/kg	U	2.2	2.2		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW6010C	7429-90-5	Aluminum	27000	mg/kg		50	7392		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW6010C	7440-38-2	Arsenic	1.21	mg/kg	U	0.43	0.43		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW6010C	7440-39-3	Barium	72.4	mg/kg		330	1440		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW6010C	7440-41-7	Beryllium	0.574	mg/kg	J	15	15		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW6010C	7440-43-9	Cadmium	0.0605	mg/kg	U	0.36	0.68		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW6010C	7440-70-2	Calcium	9210	mg/kg					
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW6010C	7440-47-3	Chromium	36.1	mg/kg		0.29	0.29		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW6010C	7440-48-4	Cobalt	16.6	mg/kg		2.2	2.2		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW6010C	7440-50-8	Copper	56.9	mg/kg		28	298		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW6010C	7439-89-6	Iron	26000	mg/kg		5280	5280		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW6010C	7439-92-1	Lead	15	mg/kg		11	192		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW6010C	7439-95-4	Magnesium	4950	mg/kg					
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW6010C	7439-96-5	Manganese	329	mg/kg		173	173		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW6010C	7440-02-0	Nickel	17.3	mg/kg		38	134		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW6010C	7440-09-7	Potassium	653	mg/kg					
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW6010C	7440-23-5	Sodium	100	mg/kg					
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW6010C	7440-28-0	Thallium	1.21	mg/kg	U	0.05	0.075		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW6010C	7440-62-2	Vanadium	69.2	mg/kg		7.8	37		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW6010C	7440-66-6	Zinc	47.1	mg/kg		46	2208		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW6020B	7440-36-0	Antimony	0.29	mg/kg	J	0.27	3		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW6020B	7782-49-2	Selenium	2.1	mg/kg		0.52	37		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW6020B	7440-22-4	Silver	0.048	mg/kg	J	4.2	37		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW7471B	7439-97-6	Mercury	0.0888	mg/kg		0.013	1.1		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8081B	53-19-0	2,4-DDD	0.00235	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8081B	3424-82-6	2,4-DDE	0.00235	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8081B	789-02-6	2,4-DDT	0.00235	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8081B	72-54-8	4,4'-DDD	0.0047	mg/kg	U	0.021	2.2		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8081B	72-55-9	4,4'-DDE	0.00235	mg/kg	U	0.021	1.8		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8081B	50-29-3	4,4'-DDT	0.0047	mg/kg	U	0.021	1.8		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8081B	309-00-2	Aldrin	0.00235	mg/kg	U	0.000085	0.031		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00235	mg/kg	U	0.27	1.7		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8081B	60-57-1	Dieldrin	0.00235	mg/kg	U	0.0049	0.033		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8081B	959-98-8	Endosulfan I	0.00235	mg/kg	U	0.64	45		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8081B	33213-65-9	Endosulfan II	0.00235	mg/kg	U	0.64	45		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.0047	mg/kg	U	0.64	36		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8081B	72-20-8	Endrin	0.00235	mg/kg	U	0.0014	1.8		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8081B	7421-93-4	Endrin aldehyde	0.0047	mg/kg	U	0.0014	1.8		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8081B	53494-70-5	Endrin ketone	0.0047	mg/kg	U	0.0014	1.8		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00235	mg/kg	U	0.0096	0.49		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8081B	5103-74-2	gamma-Chlordane	0.0047	mg/kg	U	0.27	1.7		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8081B	76-44-8	Heptachlor	0.0047	mg/kg	U	0.0016	0.11		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.0047	mg/kg	U	0.00015	0.055		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8081B	72-43-5	Methoxychlor	0.0047	mg/kg	U	5.1	31		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8081B	27304-13-8	Oxychlordane	0.00235	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8082A	12674-11-2	Aroclor-1016	0.0019	mg/kg	U	0.041	0.1		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8082A	11104-28-2	Aroclor-1221	0.0013	mg/kg	U	0.041	0.19		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8082A	11141-16-5	Aroclor-1232	0.0013	mg/kg	U	0.041	0.16		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8082A	53469-21-9	Aroclor-1242	0.0013	mg/kg	U	0.041	0.22		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8082A	12672-29-6	Aroclor-1248	0.00077	mg/kg	U	0.041	0.22		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8082A	11097-69-1	Aroclor-1254	0.0013	mg/kg	U	0.029	0.029		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8082A	11096-82-5	Aroclor-1260	0.0019	mg/kg	U	0.041	0.23		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0182	mg/kg	U	23	23		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	83-32-9	Acenaphthene	0.0121	mg/kg	U	29	346		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	208-96-8	Acenaphthylene	0.0121	mg/kg	U	1.9	1.9		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	120-12-7	Anthracene	0.0182	mg/kg	U	29	1728		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.0182	mg/kg	U	1.1	1.1		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.0484	mg/kg	U	0.11	0.11		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0242	mg/kg	U	1.1	1.1		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.0242	mg/kg	U	1.1	173		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0242	mg/kg	U	1.1	11		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.145	mg/kg	U	0.02	37		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.0363	mg/kg	U	90	278		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	86-74-8	Carbazole	0.0121	mg/kg	U	7.5	7.5		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	218-01-9	Chrysene	0.0121	mg/kg	U	1.1	106		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0182	mg/kg	U	0.1056	0.11		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	132-64-9	Dibenzofuran	0.0182	mg/kg	U	6.1	7.5		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0363	mg/kg	U	0.011	605		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	206-44-0	Fluoranthene	0.0242	mg/kg	U	1.1	230		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	86-73-7	Fluorene	0.0121	mg/kg	U	29	230		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0242	mg/kg	U	1.1	1.1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	91-20-3	Naphthalene	0.0242	mg/kg	U	1.9	1.9		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	85-01-8	Phenanthrene	0.0182	mg/kg	U	29	1728		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	108-95-2	Phenol	0.0242	mg/kg	U	0.79	1824		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	SW8270D	129-00-0	Pyrene	0.0182	mg/kg	U	1.1	173		
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0735	mg/kg	U				
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.2361	mg/kg	U	1.1			
SA-28-SB	723372.689	7834257.939	8/20/2021	0 - 0	SO	N	SA-28-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.1272	mg/kg	U	29			
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0021	mg/kg		0.0073	0.23		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	2051-60-7	PCB-1	0.0000024	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	33146-45-1	PCB-10	0.0000059	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	39485-83-1	PCB-100	0.0000024	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	37680-73-2	PCB-101	0.000025	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	68194-06-9	PCB-102	0.0000024	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	60145-21-3	PCB-103	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	56558-16-8	PCB-104	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	32598-14-4	PCB-105	0.000017	mg/kg		0.0043	0.12		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	70424-69-0	PCB-106	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	70424-68-9	PCB-107	0.0000023	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	70362-41-3	PCB-108	0.000011	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74472-35-8	PCB-109	0.0000031	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	2050-67-1	PCB-11	0.000024	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	38380-03-9	PCB-110	0.000022	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	39635-32-0	PCB-111	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74472-36-9	PCB-112	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	68194-10-5	PCB-113	0.000025	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74472-37-0	PCB-114	0.0000012	mg/kg	U	0.003	0.12		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74472-38-1	PCB-115	0.000022	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	18259-05-7	PCB-116	0.0000052	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	68194-11-6	PCB-117	0.0000052	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	31508-00-6	PCB-118	0.000033	mg/kg		0.0022	0.12		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	56558-17-9	PCB-119	0.000011	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	2974-92-7	PCB-12	0.000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	68194-12-7	PCB-120	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	56558-18-0	PCB-121	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	76842-07-4	PCB-122	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	65510-44-3	PCB-123	0.0000011	mg/kg	J	0.003	0.12		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	70424-70-3	PCB-124	0.0000023	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74472-39-2	PCB-125	0.000011	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	57465-28-8	PCB-126	0.00000098	mg/kg	J	0.00000087	0.000035		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	39635-33-1	PCB-127	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	38380-07-3	PCB-128	0.000013	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	55215-18-4	PCB-129	0.00011	mg/kg					
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	2974-90-5	PCB-13	0.000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52663-66-8	PCB-130	0.0000049	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	61798-70-7	PCB-131	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	38380-05-1	PCB-132	0.000014	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	35694-04-3	PCB-133	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52704-70-8	PCB-134	0.0000024	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52744-13-5	PCB-135	0.000021	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	38411-22-2	PCB-136	0.0000032	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	35694-06-5	PCB-137	0.0000025	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	35065-28-2	PCB-138	0.00011	mg/kg					
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	56030-56-9	PCB-139	0.0000024	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	34883-41-5	PCB-14	0.0000059	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	59291-64-4	PCB-140	0.0000024	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52712-04-6	PCB-141	0.000023	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	41411-61-4	PCB-142	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	68194-15-0	PCB-143	0.0000024	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	68194-14-9	PCB-144	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74472-40-5	PCB-145	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	51908-16-8	PCB-146	0.000014	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	68194-13-8	PCB-147	0.000049	mg/kg					
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74472-41-6	PCB-148	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	38380-04-0	PCB-149	0.000049	mg/kg					
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	2050-68-2	PCB-15	0.0000059	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	68194-08-1	PCB-150	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52663-63-5	PCB-151	0.000021	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	68194-09-2	PCB-152	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	35065-27-1	PCB-153	0.00009	mg/kg					
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	60145-22-4	PCB-154	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	33979-03-2	PCB-155	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	38380-08-4	PCB-156	0.000012	mg/kg		0.0014	0.12		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	69782-90-7	PCB-157	0.000012	mg/kg		0.0014	0.12		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74472-42-7	PCB-158	0.0000078	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	39635-35-3	PCB-159	0.0000023	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	38444-78-9	PCB-16	0.0000024	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	41411-62-5	PCB-160	0.0000024	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74472-43-8	PCB-161	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	39635-34-2	PCB-162	0.00000045	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74472-44-9	PCB-163	0.00011	mg/kg					
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74472-45-0	PCB-164	0.0000072	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74472-46-1	PCB-165	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	41411-63-6	PCB-166	0.000013	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52663-72-6	PCB-167	0.0000059	mg/kg					
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	59291-65-5	PCB-168	0.00009	mg/kg					
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	32774-16-6	PCB-169	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	37680-66-3	PCB-17	0.0000024	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	35065-30-6	PCB-170	0.00005	mg/kg					
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52663-71-5	PCB-171	0.000013	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52663-74-8	PCB-172	0.000013	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	68194-16-1	PCB-173	0.000013	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	38411-25-5	PCB-174	0.000056	mg/kg					
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	40186-70-7	PCB-175	0.0000019	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52663-65-7	PCB-176	0.0000042	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52663-70-4	PCB-177	0.00003	mg/kg					
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52663-67-9	PCB-178	0.000014	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52663-64-6	PCB-179	0.000014	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	37680-65-2	PCB-18	0.0000008	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	35065-29-3	PCB-180	0.00012	mg/kg					
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74472-47-2	PCB-181	0.0000012	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	60145-23-5	PCB-182	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52663-69-1	PCB-183	0.000025	mg/kg					
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74472-48-3	PCB-184	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52712-05-7	PCB-185	0.0000096	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74472-49-4	PCB-186	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52663-68-0	PCB-187	0.000063	mg/kg					
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74487-85-7	PCB-188	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	39635-31-9	PCB-189	0.0000017	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	38444-73-4	PCB-19	0.0000024	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	41411-64-7	PCB-190	0.000011	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74472-50-7	PCB-191	0.0000015	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74472-51-8	PCB-192	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	69782-91-8	PCB-193	0.00012	mg/kg					
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	35694-08-7	PCB-194	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52663-78-2	PCB-195	0.0000088	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	42740-50-1	PCB-196	0.000012	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	33091-17-7	PCB-197	0.00000086	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	68194-17-2	PCB-198	0.00004	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52663-75-9	PCB-199	0.00004	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	2051-61-8	PCB-2	0.0000016	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	38444-84-7	PCB-20	0.0000019	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52663-73-7	PCB-200	0.0000049	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	40186-71-8	PCB-201	0.0000037	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	2136-99-4	PCB-202	0.00001	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52663-76-0	PCB-203	0.000022	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74472-52-9	PCB-204	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74472-53-0	PCB-205	0.0000015	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	40186-72-9	PCB-206	0.000015	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52663-79-3	PCB-207	0.0000017	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52663-77-1	PCB-208	0.0000052	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	2051-24-3	PCB-209	0.000003	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	55702-46-0	PCB-21	0.000001	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	38444-85-8	PCB-22	0.00000066	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	55720-44-0	PCB-23	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	55702-45-9	PCB-24	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	55712-37-3	PCB-25	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	38444-81-4	PCB-26	0.0000024	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	38444-76-7	PCB-27	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	7012-37-5	PCB-28	0.0000019	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	15862-07-4	PCB-29	0.0000024	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	2051-62-9	PCB-3	0.000006	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	35693-92-6	PCB-30	0.0000008	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	16606-02-3	PCB-31	0.0000017	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	38444-77-8	PCB-32	0.0000024	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	38444-86-9	PCB-33	0.000001	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	37680-68-5	PCB-34	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	37680-69-6	PCB-35	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	38444-87-0	PCB-36	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	38444-90-5	PCB-37	0.0000012	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	53555-66-1	PCB-38	0.0000012	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	38444-88-1	PCB-39	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	13029-08-8	PCB-4	0.0000059	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	38444-93-8	PCB-40	0.00000053	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52663-59-9	PCB-41	0.0000024	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	36559-22-5	PCB-42	0.00000042	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	70362-46-8	PCB-43	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	41464-39-5	PCB-44	0.0000027	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	70362-45-7	PCB-45	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	41464-47-5	PCB-46	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	2437-79-8	PCB-47	0.0000027	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	70362-47-9	PCB-48	0.00000033	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	41464-40-8	PCB-49	0.0000017	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	16605-91-7	PCB-5	0.0000059	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	62796-65-0	PCB-50	0.0000024	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	68194-04-7	PCB-51	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	35693-99-3	PCB-52	0.0000027	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	41464-41-9	PCB-53	0.0000024	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	15968-05-5	PCB-54	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74338-24-2	PCB-55	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	41464-43-1	PCB-56	0.000001	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	70424-67-8	PCB-57	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	41464-49-7	PCB-58	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74472-33-6	PCB-59	0.0000036	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	25569-80-6	PCB-6	0.0000059	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	33025-41-1	PCB-60	0.00000084	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	33284-53-6	PCB-61	0.0000064	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	54230-22-7	PCB-62	0.0000036	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74472-34-7	PCB-63	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52663-58-8	PCB-64	0.00000094	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	33284-54-7	PCB-65	0.0000027	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	32598-10-0	PCB-66	0.0000024	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	73575-53-8	PCB-67	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	73575-52-7	PCB-68	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	60233-24-1	PCB-69	0.0000017	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	33284-50-3	PCB-7	0.0000059	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	32598-11-1	PCB-70	0.0000064	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	41464-46-4	PCB-71	0.00000053	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	41464-42-0	PCB-72	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	74338-23-1	PCB-73	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	32690-93-0	PCB-74	0.0000064	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	32598-12-2	PCB-75	0.0000036	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	70362-48-0	PCB-76	0.0000064	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	32598-13-3	PCB-77	0.0000021	mg/kg	J	0.000017	0.036		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	70362-49-1	PCB-78	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	41464-48-6	PCB-79	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	34883-43-7	PCB-8	0.0000059	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	33284-52-5	PCB-80	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	70362-50-4	PCB-81	0.0000012	mg/kg	U	0.00015	0.012		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52663-62-4	PCB-82	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	60145-20-2	PCB-83	0.0000012	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52663-60-2	PCB-84	0.0000012	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	65510-45-4	PCB-85	0.0000052	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	55312-69-1	PCB-86	0.000011	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	38380-02-8	PCB-87	0.000011	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	55215-17-3	PCB-88	0.0000013	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	73575-57-2	PCB-89	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	34883-39-1	PCB-9	0.0000059	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	68194-07-0	PCB-90	0.000025	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	68194-05-8	PCB-91	0.0000013	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	52663-61-3	PCB-92	0.0000036	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	73575-56-1	PCB-93	0.0000024	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	73575-55-0	PCB-94	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	38379-99-6	PCB-95	0.000007	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	73575-54-9	PCB-96	0.0000012	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	41464-51-1	PCB-97	0.000011	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	60233-25-2	PCB-98	0.0000024	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	1668C	38380-01-7	PCB-99	0.00001	mg/kg	J				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	Organotins	1002-53-5	Dibutyltin	0.046	mg/kg	U	1.8	1.8		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	Organotins	78763-54-9	Monobutyltin	0.067	mg/kg	U	2.2	2.2		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	Organotins	1461-25-2	Tetrabutyltin	0.11	mg/kg	U	2.2	2.2		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	Organotins	688-73-3	Tributyltin	0.054	mg/kg	U	2.2	2.2		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6010C	7429-90-5	Aluminum	40800	mg/kg		50	7392		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6010C	7440-38-2	Arsenic	1.11	mg/kg	U	0.43	0.43		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6010C	7440-39-3	Barium	66.9	mg/kg		330	1440		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6010C	7440-41-7	Beryllium	1.11	mg/kg	U	15	15		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6010C	7440-43-9	Cadmium	0.0554	mg/kg	U	0.36	0.68		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6010C	7440-70-2	Calcium	11900	mg/kg					
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6010C	7440-47-3	Chromium	28.6	mg/kg		0.29	0.29		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6010C	7440-48-4	Cobalt	20	mg/kg		2.2	2.2		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6010C	7440-50-8	Copper	76.7	mg/kg		28	298		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6010C	7439-89-6	Iron	38900	mg/kg		5280	5280		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6010C	7439-92-1	Lead	13.8	mg/kg		11	192		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6010C	7439-95-4	Magnesium	18300	mg/kg					
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6010C	7439-96-5	Manganese	990	mg/kg		173	173		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6010C	7440-02-0	Nickel	25.3	mg/kg		38	134		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6010C	7440-09-7	Potassium	630	mg/kg					
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6010C	7440-23-5	Sodium	324	mg/kg					
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6010C	7440-28-0	Thallium	1.11	mg/kg	U	0.05	0.075		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6010C	7440-62-2	Vanadium	89.5	mg/kg		7.8	37		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6010C	7440-66-6	Zinc	50.5	mg/kg		46	2208		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6020B	7440-36-0	Antimony	0.2	mg/kg	J	0.27	3		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6020B	7782-49-2	Selenium	3.1	mg/kg		0.52	37		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW6020B	7440-22-4	Silver	0.038	mg/kg	J	4.2	37		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW7471B	7439-97-6	Mercury	0.0199	mg/kg	J	0.013	1.1		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8081B	53-19-0	2,4-DDD	0.00219	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8081B	3424-82-6	2,4-DDE	0.00219	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8081B	789-02-6	2,4-DDT	0.00219	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8081B	72-54-8	4,4'-DDD	0.00438	mg/kg	U	0.021	2.2		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8081B	72-55-9	4,4'-DDE	0.00219	mg/kg	U	0.021	1.8		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8081B	50-29-3	4,4'-DDT	0.00438	mg/kg	U	0.021	1.8		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8081B	309-00-2	Aldrin	0.00219	mg/kg	U	0.000085	0.031		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00219	mg/kg	U	0.27	1.7		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8081B	60-57-1	Dieldrin	0.00219	mg/kg	U	0.0049	0.033		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8081B	959-98-8	Endosulfan I	0.00219	mg/kg	U	0.64	45		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8081B	33213-65-9	Endosulfan II	0.00219	mg/kg	U	0.64	45		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00438	mg/kg	U	0.64	36		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8081B	72-20-8	Endrin	0.00219	mg/kg	U	0.0014	1.8		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00438	mg/kg	U	0.0014	1.8		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8081B	53494-70-5	Endrin ketone	0.00438	mg/kg	U	0.0014	1.8		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00219	mg/kg	U	0.0096	0.49		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00438	mg/kg	U	0.27	1.7		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8081B	76-44-8	Heptachlor	0.00438	mg/kg	U	0.0016	0.11		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00438	mg/kg	U	0.00015	0.055		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8081B	72-43-5	Methoxychlor	0.00438	mg/kg	U	5.1	31		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8081B	27304-13-8	Oxychlordane	0.00219	mg/kg	U				
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8082A	12674-11-2	Aroclor-1016	0.0018	mg/kg	U	0.041	0.1		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8082A	11104-28-2	Aroclor-1221	0.0012	mg/kg	U	0.041	0.19		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8082A	11141-16-5	Aroclor-1232	0.0012	mg/kg	U	0.041	0.16		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8082A	53469-21-9	Aroclor-1242	0.0012	mg/kg	U	0.041	0.22		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8082A	12672-29-6	Aroclor-1248	0.00073	mg/kg	U	0.041	0.22		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8082A	11097-69-1	Aroclor-1254	0.0012	mg/kg	U	0.029	0.029		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8082A	11096-82-5	Aroclor-1260	0.0018	mg/kg	U	0.041	0.23		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0172	mg/kg	U	23	23		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	83-32-9	Acenaphthene	0.0115	mg/kg	U	29	346		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	208-96-8	Acenaphthylene	0.0115	mg/kg	U	1.9	1.9		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	120-12-7	Anthracene	0.0172	mg/kg	U	29	1728		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.0145	mg/kg	J	1.1	1.1		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.0161	mg/kg	J	0.11	0.11		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0195	mg/kg	J	1.1	1.1		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.0145	mg/kg	J	1.1	173		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0115	mg/kg	J	1.1	11		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.0398	mg/kg	J	0.02	37		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.0344	mg/kg	U	90	278		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	86-74-8	Carbazole	0.00459	mg/kg	J	7.5	7.5		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	218-01-9	Chrysene	0.00918	mg/kg	J	1.1	106		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0172	mg/kg	U	0.1056	0.11		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	132-64-9	Dibenzofuran	0.0172	mg/kg	U	6.1	7.5		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0344	mg/kg	U	0.011	605		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	206-44-0	Fluoranthene	0.0195	mg/kg	J	1.1	230		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	86-73-7	Fluorene	0.0115	mg/kg	U	29	230		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0165	mg/kg	J	1.1	1.1		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	91-20-3	Naphthalene	0.023	mg/kg	U	1.9	1.9		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	85-01-8	Phenanthrene	0.00689	mg/kg	J	29	1728		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	108-95-2	Phenol	0.023	mg/kg	U	0.79	1824		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	SW8270D	129-00-0	Pyrene	0.0172	mg/kg	J	1.1	173		
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0248	mg/kg					
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.1557	mg/kg		1.1			
SA-29-SB	723375.096	7834166.972	8/20/2021	0 - 0	SO	N	SA-29-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.10679	mg/kg		29			
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.1363	mg/kg		0.0073	0.23		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	2051-60-7	PCB-1	0.0000022	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	33146-45-1	PCB-10	0.0000054	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	39485-83-1	PCB-100	0.0000022	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	37680-73-2	PCB-101	0.0043	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	68194-06-9	PCB-102	0.0000022	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	60145-21-3	PCB-103	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	56558-16-8	PCB-104	0.00000029	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	32598-14-4	PCB-105	0.0012	mg/kg		0.0043	0.12		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	70424-69-0	PCB-106	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	70424-68-9	PCB-107	0.00025	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	70362-41-3	PCB-108	0.0026	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74472-35-8	PCB-109	0.00025	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	2050-67-1	PCB-11	0.000022	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	38380-03-9	PCB-110	0.0053	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	39635-32-0	PCB-111	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74472-36-9	PCB-112	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	68194-10-5	PCB-113	0.0043	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74472-37-0	PCB-114	0.0000011	mg/kg	U	0.003	0.12		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74472-38-1	PCB-115	0.0053	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	18259-05-7	PCB-116	0.00064	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	68194-11-6	PCB-117	0.00064	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	31508-00-6	PCB-118	0.003	mg/kg		0.0022	0.12		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	56558-17-9	PCB-119	0.0026	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	2974-92-7	PCB-12	0.000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	68194-12-7	PCB-120	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	56558-18-0	PCB-121	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	76842-07-4	PCB-122	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	65510-44-3	PCB-123	0.0000011	mg/kg	U	0.003	0.12		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	70424-70-3	PCB-124	0.00025	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74472-39-2	PCB-125	0.0026	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	57465-28-8	PCB-126	0.0000011	mg/kg	U	0.00000087	0.000035		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	39635-33-1	PCB-127	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	38380-07-3	PCB-128	0.0013	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	55215-18-4	PCB-129	0.0065	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	2974-90-5	PCB-13	0.000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52663-66-8	PCB-130	0.00053	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	61798-70-7	PCB-131	0.0001	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	38380-05-1	PCB-132	0.0018	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	35694-04-3	PCB-133	0.0001	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52704-70-8	PCB-134	0.00034	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52744-13-5	PCB-135	0.0018	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	38411-22-2	PCB-136	0.00055	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	35694-06-5	PCB-137	0.00034	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	35065-28-2	PCB-138	0.0065	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	56030-56-9	PCB-139	0.00012	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	34883-41-5	PCB-14	0.0000054	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	59291-64-4	PCB-140	0.00012	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52712-04-6	PCB-141	0.0014	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	41411-61-4	PCB-142	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	68194-15-0	PCB-143	0.00034	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	68194-14-9	PCB-144	0.00027	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74472-40-5	PCB-145	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	51908-16-8	PCB-146	0.00083	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	68194-13-8	PCB-147	0.004	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74472-41-6	PCB-148	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	38380-04-0	PCB-149	0.004	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	2050-68-2	PCB-15	0.0000054	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	68194-08-1	PCB-150	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52663-63-5	PCB-151	0.0018	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	68194-09-2	PCB-152	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	35065-27-1	PCB-153	0.0044	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	60145-22-4	PCB-154	0.000037	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	33979-03-2	PCB-155	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	38380-08-4	PCB-156	0.00075	mg/kg		0.0014	0.12		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	69782-90-7	PCB-157	0.00075	mg/kg		0.0014	0.12		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74472-42-7	PCB-158	0.00073	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	39635-35-3	PCB-159	0.000068	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	38444-78-9	PCB-16	0.000011	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	41411-62-5	PCB-160	0.0000022	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74472-43-8	PCB-161	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	39635-34-2	PCB-162	0.000026	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74472-44-9	PCB-163	0.0065	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74472-45-0	PCB-164	0.00065	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74472-46-1	PCB-165	0.0000011	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	41411-63-6	PCB-166	0.0013	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52663-72-6	PCB-167	0.00031	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	59291-65-5	PCB-168	0.0044	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	32774-16-6	PCB-169	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	37680-66-3	PCB-17	0.000011	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	35065-30-6	PCB-170	0.0019	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52663-71-5	PCB-171	0.00055	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52663-74-8	PCB-172	0.00036	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	68194-16-1	PCB-173	0.00055	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	38411-25-5	PCB-174	0.0018	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	40186-70-7	PCB-175	0.000095	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52663-65-7	PCB-176	0.00022	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52663-70-4	PCB-177	0.001	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52663-67-9	PCB-178	0.00042	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52663-64-6	PCB-179	0.00063	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	37680-65-2	PCB-18	0.000021	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	35065-29-3	PCB-180	0.0038	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74472-47-2	PCB-181	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	60145-23-5	PCB-182	0.0000077	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52663-69-1	PCB-183	0.00089	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74472-48-3	PCB-184	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52712-05-7	PCB-185	0.00025	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74472-49-4	PCB-186	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52663-68-0	PCB-187	0.0019	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74487-85-7	PCB-188	0.0000023	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	39635-31-9	PCB-189	0.000066	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	38444-73-4	PCB-19	0.0000026	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	41411-64-7	PCB-190	0.00035	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74472-50-7	PCB-191	0.000085	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74472-51-8	PCB-192	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	69782-91-8	PCB-193	0.0038	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	35694-08-7	PCB-194	0.00061	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52663-78-2	PCB-195	0.00025	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	42740-50-1	PCB-196	0.00043	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	33091-17-7	PCB-197	0.000031	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	68194-17-2	PCB-198	0.00088	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52663-75-9	PCB-199	0.00088	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	2051-61-8	PCB-2	0.0000048	mg/kg	J+				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	38444-84-7	PCB-20	0.000026	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52663-73-7	PCB-200	0.00013	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	40186-71-8	PCB-201	0.00012	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	2136-99-4	PCB-202	0.00018	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52663-76-0	PCB-203	0.00052	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74472-52-9	PCB-204	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74472-53-0	PCB-205	0.000048	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	40186-72-9	PCB-206	0.00036	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52663-79-3	PCB-207	0.000052	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52663-77-1	PCB-208	0.00014	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	2051-24-3	PCB-209	0.000074	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	55702-46-0	PCB-21	0.000019	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	38444-85-8	PCB-22	0.00001	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	55720-44-0	PCB-23	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	55702-45-9	PCB-24	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	55712-37-3	PCB-25	0.0000023	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	38444-81-4	PCB-26	0.0000046	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	38444-76-7	PCB-27	0.000002	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	7012-37-5	PCB-28	0.000026	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	15862-07-4	PCB-29	0.0000046	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	2051-62-9	PCB-3	0.0000085	mg/kg	J+				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	35693-92-6	PCB-30	0.000021	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	16606-02-3	PCB-31	0.00003	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	38444-77-8	PCB-32	0.0000022	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	38444-86-9	PCB-33	0.000019	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	37680-68-5	PCB-34	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	37680-69-6	PCB-35	0.0000023	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	38444-87-0	PCB-36	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	38444-90-5	PCB-37	0.000019	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	53555-66-1	PCB-38	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	38444-88-1	PCB-39	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	13029-08-8	PCB-4	0.0000054	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	38444-93-8	PCB-40	0.000059	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52663-59-9	PCB-41	0.0000022	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	36559-22-5	PCB-42	0.00003	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	70362-46-8	PCB-43	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	41464-39-5	PCB-44	0.00037	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	70362-45-7	PCB-45	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	41464-47-5	PCB-46	0.0000011	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	2437-79-8	PCB-47	0.00037	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	70362-47-9	PCB-48	0.000017	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	41464-40-8	PCB-49	0.00019	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	16605-91-7	PCB-5	0.0000054	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	62796-65-0	PCB-50	0.0000022	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	68194-04-7	PCB-51	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	35693-99-3	PCB-52	0.0011	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	41464-41-9	PCB-53	0.0000022	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	15968-05-5	PCB-54	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74338-24-2	PCB-55	0.00011	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	41464-43-1	PCB-56	0.000067	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	70424-67-8	PCB-57	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	41464-49-7	PCB-58	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74472-33-6	PCB-59	0.0000074	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	25569-80-6	PCB-6	0.0000054	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	33025-41-1	PCB-60	0.000027	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	33284-53-6	PCB-61	0.00072	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	54230-22-7	PCB-62	0.0000074	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74472-34-7	PCB-63	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52663-58-8	PCB-64	0.00011	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	33284-54-7	PCB-65	0.00037	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	32598-10-0	PCB-66	0.000053	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	73575-53-8	PCB-67	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	73575-52-7	PCB-68	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	60233-24-1	PCB-69	0.00019	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	33284-50-3	PCB-7	0.0000054	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	32598-11-1	PCB-70	0.00072	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	41464-46-4	PCB-71	0.000059	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	41464-42-0	PCB-72	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	74338-23-1	PCB-73	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	32690-93-0	PCB-74	0.00072	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	32598-12-2	PCB-75	0.0000074	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	70362-48-0	PCB-76	0.00072	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	32598-13-3	PCB-77	0.000048	mg/kg		0.000017	0.036		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	70362-49-1	PCB-78	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	41464-48-6	PCB-79	0.000026	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	34883-43-7	PCB-8	0.0000054	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	33284-52-5	PCB-80	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	70362-50-4	PCB-81	0.0000011	mg/kg	U	0.00015	0.012		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52663-62-4	PCB-82	0.00035	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	60145-20-2	PCB-83	0.00022	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52663-60-2	PCB-84	0.00091	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	65510-45-4	PCB-85	0.00064	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	55312-69-1	PCB-86	0.0026	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	38380-02-8	PCB-87	0.0026	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	55215-17-3	PCB-88	0.00047	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	73575-57-2	PCB-89	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	34883-39-1	PCB-9	0.0000054	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	68194-07-0	PCB-90	0.0043	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	68194-05-8	PCB-91	0.00047	mg/kg					

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	52663-61-3	PCB-92	0.00082	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	73575-56-1	PCB-93	0.0000022	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	73575-55-0	PCB-94	0.0000011	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	38379-99-6	PCB-95	0.0031	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	73575-54-9	PCB-96	0.000014	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	41464-51-1	PCB-97	0.0026	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	60233-25-2	PCB-98	0.0000022	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	1668C	38380-01-7	PCB-99	0.0015	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	Organotins	1002-53-5	Dibutyltin	0.041	mg/kg	U	1.8	1.8		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	Organotins	78763-54-9	Monobutyltin	0.061	mg/kg	U	2.2	2.2		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	Organotins	1461-25-2	Tetrabutyltin	0.097	mg/kg	U	2.2	2.2		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	Organotins	688-73-3	Tributyltin	0.048	mg/kg	U	2.2	2.2		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW6010C	7429-90-5	Aluminum	16700	mg/kg		50	7392		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW6010C	7440-38-2	Arsenic	1.06	mg/kg	U	0.43	0.43		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW6010C	7440-39-3	Barium	117	mg/kg		330	1440		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW6010C	7440-41-7	Beryllium	1.06	mg/kg	U	15	15		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW6010C	7440-43-9	Cadmium	0.178	mg/kg	J	0.36	0.68		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW6010C	7440-70-2	Calcium	6320	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW6010C	7440-47-3	Chromium	67.2	mg/kg		0.29	0.29		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW6010C	7440-48-4	Cobalt	12.9	mg/kg		2.2	2.2		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW6010C	7440-50-8	Copper	75	mg/kg		28	298		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW6010C	7439-89-6	Iron	27800	mg/kg		5280	5280		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW6010C	7439-92-1	Lead	326	mg/kg		11	192		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW6010C	7439-95-4	Magnesium	7230	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW6010C	7439-96-5	Manganese	623	mg/kg		173	173		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW6010C	7440-02-0	Nickel	33.3	mg/kg		38	134		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW6010C	7440-09-7	Potassium	776	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW6010C	7440-23-5	Sodium	466	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW6010C	7440-28-0	Thallium	1.06	mg/kg	U	0.05	0.075		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW6010C	7440-62-2	Vanadium	58.3	mg/kg		7.8	37		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW6010C	7440-66-6	Zinc	85.5	mg/kg		46	2208		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW6020B	7440-36-0	Antimony	0.35	mg/kg	J	0.27	3		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW6020B	7782-49-2	Selenium	3	mg/kg		0.52	37		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW6020B	7440-22-4	Silver	0.04	mg/kg	J	4.2	37		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW7471B	7439-97-6	Mercury	0.057	mg/kg		0.013	1.1		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8081B	53-19-0	2,4-DDD	0.026	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8081B	3424-82-6	2,4-DDE	0.00394	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8081B	789-02-6	2,4-DDT	0.00204	mg/kg	U				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8081B	72-54-8	4,4'-DDD	0.00409	mg/kg	U	0.021	2.2		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8081B	72-55-9	4,4'-DDE	0.000664	mg/kg	J	0.021	1.8		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8081B	50-29-3	4,4'-DDT	0.00941	mg/kg		0.021	1.8		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8081B	309-00-2	Aldrin	0.00204	mg/kg	U	0.000085	0.031		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00204	mg/kg	U	0.27	1.7		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8081B	60-57-1	Dieldrin	0.000858	mg/kg	U	0.0049	0.033		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8081B	959-98-8	Endosulfan I	0.00142	mg/kg	U	0.64	45		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8081B	33213-65-9	Endosulfan II	0.00204	mg/kg	U	0.64	45		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00409	mg/kg	U	0.64	36		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8081B	72-20-8	Endrin	0.00204	mg/kg	U	0.0014	1.8		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00409	mg/kg	U	0.0014	1.8		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8081B	53494-70-5	Endrin ketone	0.00409	mg/kg	U	0.0014	1.8		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00204	mg/kg	U	0.0096	0.49		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00409	mg/kg	U	0.27	1.7		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8081B	76-44-8	Heptachlor	0.00409	mg/kg	U	0.0016	0.11		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00125	mg/kg	U	0.00015	0.055		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8081B	72-43-5	Methoxychlor	0.00409	mg/kg	U	5.1	31		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8081B	27304-13-8	Oxychlordane	0.00183	mg/kg	J				
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8082A	12674-11-2	Aroclor-1016	0.0016	mg/kg	U	0.041	0.1		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8082A	11104-28-2	Aroclor-1221	0.001	mg/kg	U	0.041	0.19		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8082A	11141-16-5	Aroclor-1232	0.001	mg/kg	U	0.041	0.16		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8082A	53469-21-9	Aroclor-1242	0.001	mg/kg	U	0.041	0.22		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8082A	12672-29-6	Aroclor-1248	0.00063	mg/kg	U	0.041	0.22		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8082A	11097-69-1	Aroclor-1254	0.001	mg/kg	U	0.029	0.029		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8082A	11096-82-5	Aroclor-1260	0.027	mg/kg		0.041	0.23		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0795	mg/kg	U	23	23		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	83-32-9	Acenaphthene	0.0812	mg/kg	J	29	346		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	208-96-8	Acenaphthylene	0.0353	mg/kg	J	1.9	1.9		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	120-12-7	Anthracene	0.212	mg/kg		29	1728		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	56-55-3	Benzo(a)anthracene	1.5	mg/kg		1.1	1.1		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	50-32-8	Benzo(a)pyrene	1.29	mg/kg		0.11	0.11		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	2.16	mg/kg		1.1	1.1		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.833	mg/kg		1.1	173		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.71	mg/kg		1.1	11		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	11.3	mg/kg		0.02	37		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.159	mg/kg	U	90	278		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	86-74-8	Carbazole	0.173	mg/kg		7.5	7.5		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	218-01-9	Chrysene	1.86	mg/kg		1.1	106		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.32	mg/kg		0.1056	0.11		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	132-64-9	Dibenzofuran	0.0247	mg/kg	J	6.1	7.5		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0795	mg/kg	J	0.011	605		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	206-44-0	Fluoranthene	2.89	mg/kg		1.1	230		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	86-73-7	Fluorene	0.0918	mg/kg	J	29	230		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.964	mg/kg		1.1	1.1		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	91-20-3	Naphthalene	0.106	mg/kg	U	1.9	1.9		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	85-01-8	Phenanthrene	1.36	mg/kg		29	1728		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	108-95-2	Phenol	0.106	mg/kg	U	0.79	1824		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	SW8270D	129-00-0	Pyrene	2.44	mg/kg		1.1	173		
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	2.0814	mg/kg					
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	14.967	mg/kg		1.1			
SA-2-SB	723564.199	7834144.565	8/24/2021	0 - 0	SO	N	SA-02-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	4.6644	mg/kg		29			
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0017	mg/kg		0.0073	0.23		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	2051-60-7	PCB-1	0.0000017	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	33146-45-1	PCB-10	0.0000054	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	39485-83-1	PCB-100	0.0000022	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	37680-73-2	PCB-101	0.000012	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	68194-06-9	PCB-102	0.0000022	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	60145-21-3	PCB-103	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	56558-16-8	PCB-104	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	32598-14-4	PCB-105	0.0000094	mg/kg		0.0043	0.12		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	70424-69-0	PCB-106	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	70424-68-9	PCB-107	0.0000025	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	70362-41-3	PCB-108	0.0000098	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74472-35-8	PCB-109	0.0000019	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	2050-67-1	PCB-11	0.000022	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	38380-03-9	PCB-110	0.000021	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	39635-32-0	PCB-111	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74472-36-9	PCB-112	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	68194-10-5	PCB-113	0.000012	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74472-37-0	PCB-114	0.0000011	mg/kg	U	0.003	0.12		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74472-38-1	PCB-115	0.000021	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	18259-05-7	PCB-116	0.0000064	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	68194-11-6	PCB-117	0.0000064	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	31508-00-6	PCB-118	0.000014	mg/kg		0.0022	0.12		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	56558-17-9	PCB-119	0.0000098	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	2974-92-7	PCB-12	0.000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	68194-12-7	PCB-120	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	56558-18-0	PCB-121	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	76842-07-4	PCB-122	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	65510-44-3	PCB-123	0.0000012	mg/kg	J	0.003	0.12		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	70424-70-3	PCB-124	0.0000025	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74472-39-2	PCB-125	0.0000098	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	57465-28-8	PCB-126	0.0000015	mg/kg	J	0.00000087	0.000035		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	39635-33-1	PCB-127	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	38380-07-3	PCB-128	0.000015	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	55215-18-4	PCB-129	0.000097	mg/kg					
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	2974-90-5	PCB-13	0.000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52663-66-8	PCB-130	0.000005	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	61798-70-7	PCB-131	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	38380-05-1	PCB-132	0.000011	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	35694-04-3	PCB-133	0.0000012	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52704-70-8	PCB-134	0.00000071	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52744-13-5	PCB-135	0.000013	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	38411-22-2	PCB-136	0.0000023	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	35694-06-5	PCB-137	0.000003	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	35065-28-2	PCB-138	0.000097	mg/kg					
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	56030-56-9	PCB-139	0.00000067	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	34883-41-5	PCB-14	0.0000054	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	59291-64-4	PCB-140	0.00000067	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52712-04-6	PCB-141	0.000017	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	41411-61-4	PCB-142	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	68194-15-0	PCB-143	0.00000071	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	68194-14-9	PCB-144	0.0000013	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74472-40-5	PCB-145	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	51908-16-8	PCB-146	0.000014	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	68194-13-8	PCB-147	0.000043	mg/kg					
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74472-41-6	PCB-148	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	38380-04-0	PCB-149	0.000043	mg/kg					
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	2050-68-2	PCB-15	0.0000054	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	68194-08-1	PCB-150	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52663-63-5	PCB-151	0.000013	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	68194-09-2	PCB-152	0.0000011	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	35065-27-1	PCB-153	0.000073	mg/kg					
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	60145-22-4	PCB-154	0.00000042	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	33979-03-2	PCB-155	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	38380-08-4	PCB-156	0.000012	mg/kg		0.0014	0.12		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	69782-90-7	PCB-157	0.000012	mg/kg		0.0014	0.12		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74472-42-7	PCB-158	0.0000072	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	39635-35-3	PCB-159	0.0000012	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	38444-78-9	PCB-16	0.0000022	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	41411-62-5	PCB-160	0.0000022	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74472-43-8	PCB-161	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	39635-34-2	PCB-162	0.00000051	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74472-44-9	PCB-163	0.000097	mg/kg					
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74472-45-0	PCB-164	0.0000072	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74472-46-1	PCB-165	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	41411-63-6	PCB-166	0.000015	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52663-72-6	PCB-167	0.000006	mg/kg					
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	59291-65-5	PCB-168	0.000073	mg/kg					
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	32774-16-6	PCB-169	0.000001	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	37680-66-3	PCB-17	0.0000022	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	35065-30-6	PCB-170	0.000033	mg/kg					
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52663-71-5	PCB-171	0.000006	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52663-74-8	PCB-172	0.0000085	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	68194-16-1	PCB-173	0.000006	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	38411-25-5	PCB-174	0.000032	mg/kg					
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	40186-70-7	PCB-175	0.0000012	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52663-65-7	PCB-176	0.000002	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52663-70-4	PCB-177	0.000017	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52663-67-9	PCB-178	0.0000096	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52663-64-6	PCB-179	0.00001	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	37680-65-2	PCB-18	0.0000043	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	35065-29-3	PCB-180	0.000082	mg/kg					
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74472-47-2	PCB-181	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	60145-23-5	PCB-182	0.0000003	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52663-69-1	PCB-183	0.000011	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74472-48-3	PCB-184	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52712-05-7	PCB-185	0.0000034	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74472-49-4	PCB-186	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52663-68-0	PCB-187	0.000055	mg/kg					
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74487-85-7	PCB-188	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	39635-31-9	PCB-189	0.0000016	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	38444-73-4	PCB-19	0.0000022	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	41411-64-7	PCB-190	0.000007	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74472-50-7	PCB-191	0.0000011	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74472-51-8	PCB-192	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	69782-91-8	PCB-193	0.000082	mg/kg					
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	35694-08-7	PCB-194	0.000029	mg/kg					
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52663-78-2	PCB-195	0.0000099	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	42740-50-1	PCB-196	0.0000087	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	33091-17-7	PCB-197	0.00000049	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	68194-17-2	PCB-198	0.00004	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52663-75-9	PCB-199	0.00004	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	2051-61-8	PCB-2	0.0000017	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	38444-84-7	PCB-20	0.00000098	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52663-73-7	PCB-200	0.0000041	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	40186-71-8	PCB-201	0.0000022	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	2136-99-4	PCB-202	0.000013	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52663-76-0	PCB-203	0.000024	mg/kg					
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74472-52-9	PCB-204	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74472-53-0	PCB-205	0.0000016	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	40186-72-9	PCB-206	0.000023	mg/kg					
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52663-79-3	PCB-207	0.0000024	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52663-77-1	PCB-208	0.000009	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	2051-24-3	PCB-209	0.0000081	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	55702-46-0	PCB-21	0.00000074	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	38444-85-8	PCB-22	0.0000022	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	55720-44-0	PCB-23	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	55702-45-9	PCB-24	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	55712-37-3	PCB-25	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	38444-81-4	PCB-26	0.0000022	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	38444-76-7	PCB-27	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	7012-37-5	PCB-28	0.00000098	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	15862-07-4	PCB-29	0.0000022	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	2051-62-9	PCB-3	0.0000037	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	35693-92-6	PCB-30	0.0000043	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	16606-02-3	PCB-31	0.00000093	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	38444-77-8	PCB-32	0.0000022	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	38444-86-9	PCB-33	0.00000074	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	37680-68-5	PCB-34	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	37680-69-6	PCB-35	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	38444-87-0	PCB-36	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	38444-90-5	PCB-37	0.00000073	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	53555-66-1	PCB-38	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	38444-88-1	PCB-39	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	13029-08-8	PCB-4	0.0000054	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	38444-93-8	PCB-40	0.0000022	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52663-59-9	PCB-41	0.0000022	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	36559-22-5	PCB-42	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	70362-46-8	PCB-43	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	41464-39-5	PCB-44	0.000002	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	70362-45-7	PCB-45	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	41464-47-5	PCB-46	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	2437-79-8	PCB-47	0.000002	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	70362-47-9	PCB-48	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	41464-40-8	PCB-49	0.00000084	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	16605-91-7	PCB-5	0.0000054	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	62796-65-0	PCB-50	0.0000022	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	68194-04-7	PCB-51	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	35693-99-3	PCB-52	0.0000023	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	41464-41-9	PCB-53	0.0000022	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	15968-05-5	PCB-54	0.0000011	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74338-24-2	PCB-55	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	41464-43-1	PCB-56	0.00000055	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	70424-67-8	PCB-57	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	41464-49-7	PCB-58	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74472-33-6	PCB-59	0.0000033	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	25569-80-6	PCB-6	0.0000054	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	33025-41-1	PCB-60	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	33284-53-6	PCB-61	0.0000037	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	54230-22-7	PCB-62	0.0000033	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74472-34-7	PCB-63	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52663-58-8	PCB-64	0.00000051	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	33284-54-7	PCB-65	0.000002	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	32598-10-0	PCB-66	0.0000013	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	73575-53-8	PCB-67	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	73575-52-7	PCB-68	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	60233-24-1	PCB-69	0.00000084	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	33284-50-3	PCB-7	0.0000054	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	32598-11-1	PCB-70	0.0000037	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	41464-46-4	PCB-71	0.0000022	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	41464-42-0	PCB-72	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	74338-23-1	PCB-73	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	32690-93-0	PCB-74	0.0000037	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	32598-12-2	PCB-75	0.0000033	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	70362-48-0	PCB-76	0.0000037	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	32598-13-3	PCB-77	0.00000077	mg/kg	J	0.000017	0.036		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	70362-49-1	PCB-78	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	41464-48-6	PCB-79	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	34883-43-7	PCB-8	0.0000054	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	33284-52-5	PCB-80	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	70362-50-4	PCB-81	0.0000011	mg/kg	U	0.00015	0.012		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52663-62-4	PCB-82	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	60145-20-2	PCB-83	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52663-60-2	PCB-84	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	65510-45-4	PCB-85	0.0000064	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	55312-69-1	PCB-86	0.0000098	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	38380-02-8	PCB-87	0.0000098	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	55215-17-3	PCB-88	0.0000011	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	73575-57-2	PCB-89	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	34883-39-1	PCB-9	0.0000054	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	68194-07-0	PCB-90	0.000012	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	68194-05-8	PCB-91	0.0000011	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	52663-61-3	PCB-92	0.0000031	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	73575-56-1	PCB-93	0.0000022	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	73575-55-0	PCB-94	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	38379-99-6	PCB-95	0.0000051	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	73575-54-9	PCB-96	0.0000011	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	41464-51-1	PCB-97	0.0000098	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	60233-25-2	PCB-98	0.0000022	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	1668C	38380-01-7	PCB-99	0.0000093	mg/kg	J				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	Organotins	1002-53-5	Dibutyltin	0.041	mg/kg	U	1.8	1.8		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	Organotins	78763-54-9	Monobutyltin	0.06	mg/kg	U	2.2	2.2		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	Organotins	1461-25-2	Tetrabutyltin	0.096	mg/kg	U	2.2	2.2		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	Organotins	688-73-3	Tributyltin	0.048	mg/kg	U	2.2	2.2		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW6010C	7429-90-5	Aluminum	8640	mg/kg		50	7392		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW6010C	7440-38-2	Arsenic	1.02	mg/kg	U	0.43	0.43		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW6010C	7440-39-3	Barium	53.4	mg/kg		330	1440		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW6010C	7440-41-7	Beryllium	1.02	mg/kg	U	15	15		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW6010C	7440-43-9	Cadmium	0.0512	mg/kg	U	0.36	0.68		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW6010C	7440-70-2	Calcium	2750	mg/kg					
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW6010C	7440-47-3	Chromium	15.4	mg/kg		0.29	0.29		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW6010C	7440-48-4	Cobalt	6.88	mg/kg		2.2	2.2		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW6010C	7440-50-8	Copper	11.4	mg/kg		28	298		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW6010C	7439-89-6	Iron	15300	mg/kg		5280	5280		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW6010C	7439-92-1	Lead	7.98	mg/kg		11	192		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW6010C	7439-95-4	Magnesium	3510	mg/kg					
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW6010C	7439-96-5	Manganese	259	mg/kg		173	173		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW6010C	7440-02-0	Nickel	11.9	mg/kg		38	134		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW6010C	7440-09-7	Potassium	702	mg/kg					
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW6010C	7440-23-5	Sodium	137	mg/kg					
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW6010C	7440-28-0	Thallium	1.02	mg/kg	U	0.05	0.075		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW6010C	7440-62-2	Vanadium	37.3	mg/kg		7.8	37		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW6010C	7440-66-6	Zinc	29.7	mg/kg		46	2208		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW6020B	7440-36-0	Antimony	0.21	mg/kg	J	0.27	3		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW6020B	7782-49-2	Selenium	1.9	mg/kg		0.52	37		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW6020B	7440-22-4	Silver	0.025	mg/kg	J	4.2	37		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW7471B	7439-97-6	Mercury	0.0216	mg/kg		0.013	1.1		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8081B	53-19-0	2,4-DDD	0.00204	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8081B	3424-82-6	2,4-DDE	0.00204	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8081B	789-02-6	2,4-DDT	0.00204	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8081B	72-54-8	4,4'-DDD	0.00409	mg/kg	U	0.021	2.2		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8081B	72-55-9	4,4'-DDE	0.00204	mg/kg	U	0.021	1.8		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8081B	50-29-3	4,4'-DDT	0.00409	mg/kg	U	0.021	1.8		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8081B	309-00-2	Aldrin	0.00204	mg/kg	U	0.000085	0.031		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00204	mg/kg	U	0.27	1.7		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8081B	60-57-1	Dieldrin	0.00204	mg/kg	U	0.0049	0.033		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8081B	959-98-8	Endosulfan I	0.00204	mg/kg	U	0.64	45		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8081B	33213-65-9	Endosulfan II	0.00204	mg/kg	U	0.64	45		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00409	mg/kg	U	0.64	36		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8081B	72-20-8	Endrin	0.00204	mg/kg	U	0.0014	1.8		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00409	mg/kg	U	0.0014	1.8		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8081B	53494-70-5	Endrin ketone	0.00409	mg/kg	U	0.0014	1.8		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00204	mg/kg	U	0.0096	0.49		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00409	mg/kg	U	0.27	1.7		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8081B	76-44-8	Heptachlor	0.00409	mg/kg	U	0.0016	0.11		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00409	mg/kg	U	0.00015	0.055		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8081B	72-43-5	Methoxychlor	0.00409	mg/kg	U	5.1	31		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8081B	27304-13-8	Oxychlordane	0.00204	mg/kg	U				
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8082A	12674-11-2	Aroclor-1016	0.0017	mg/kg	U	0.041	0.1		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8082A	11104-28-2	Aroclor-1221	0.0011	mg/kg	U	0.041	0.19		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8082A	11141-16-5	Aroclor-1232	0.0011	mg/kg	U	0.041	0.16		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8082A	53469-21-9	Aroclor-1242	0.0011	mg/kg	U	0.041	0.22		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8082A	12672-29-6	Aroclor-1248	0.00068	mg/kg	U	0.041	0.22		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8082A	11097-69-1	Aroclor-1254	0.0011	mg/kg	U	0.029	0.029		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8082A	11096-82-5	Aroclor-1260	0.0017	mg/kg	U	0.041	0.23		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.015	mg/kg	U	23	23		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	83-32-9	Acenaphthene	0.00998	mg/kg	U	29	346		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	208-96-8	Acenaphthylene	0.00998	mg/kg	U	1.9	1.9		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	120-12-7	Anthracene	0.015	mg/kg	U	29	1728		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.00798	mg/kg	J	1.1	1.1		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.0106	mg/kg	J	0.11	0.11		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0123	mg/kg	J	1.1	1.1		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.00964	mg/kg	J	1.1	173		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.00798	mg/kg	J	1.1	11		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.0459	mg/kg	J	0.02	37		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.0299	mg/kg	U	90	278		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	86-74-8	Carbazole	0.00998	mg/kg	U	7.5	7.5		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	218-01-9	Chrysene	0.00432	mg/kg	J	1.1	106		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.015	mg/kg	U	0.1056	0.11		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	132-64-9	Dibenzofuran	0.015	mg/kg	U	6.1	7.5		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0299	mg/kg	U	0.011	605		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	206-44-0	Fluoranthene	0.012	mg/kg	J	1.1	230		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	86-73-7	Fluorene	0.00998	mg/kg	U	29	230		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0113	mg/kg	J	1.1	1.1		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	91-20-3	Naphthalene	0.02	mg/kg	U	1.9	1.9		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	85-01-8	Phenanthrene	0.015	mg/kg	U	29	1728		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	108-95-2	Phenol	0.02	mg/kg	U	0.79	1824		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	SW8270D	129-00-0	Pyrene	0.0106	mg/kg	J	1.1	173		
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0161	mg/kg					
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.0964	mg/kg		1.1			
SA-30-SB	723365.129	7834109.164	8/20/2021	0 - 0	SO	N	SA-30-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.09696	mg/kg		29			
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0677	mg/kg		0.0073	0.23		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	2051-60-7	PCB-1	0.0000028	mg/kg	J+				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	33146-45-1	PCB-10	0.0000056	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	39485-83-1	PCB-100	0.0000022	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	37680-73-2	PCB-101	0.0012	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	68194-06-9	PCB-102	0.0000022	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	60145-21-3	PCB-103	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	56558-16-8	PCB-104	0.00000078	mg/kg	J M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	32598-14-4	PCB-105	0.00059	mg/kg	M	0.0043	0.12		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	70424-69-0	PCB-106	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	70424-68-9	PCB-107	0.000089	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	70362-41-3	PCB-108	0.00083	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74472-35-8	PCB-109	0.000088	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	2050-67-1	PCB-11	0.000022	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	38380-03-9	PCB-110	0.0018	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	39635-32-0	PCB-111	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74472-36-9	PCB-112	0.0000011	mg/kg	U M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	68194-10-5	PCB-113	0.0012	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74472-37-0	PCB-114	0.000033	mg/kg	M	0.003	0.12		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74472-38-1	PCB-115	0.0018	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	18259-05-7	PCB-116	0.0000034	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	68194-11-6	PCB-117	0.0000034	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	31508-00-6	PCB-118	0.0013	mg/kg	M	0.0022	0.12		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	56558-17-9	PCB-119	0.00083	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	2974-92-7	PCB-12	0.000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	68194-12-7	PCB-120	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	56558-18-0	PCB-121	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	76842-07-4	PCB-122	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	65510-44-3	PCB-123	0.0000011	mg/kg	U	0.003	0.12		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	70424-70-3	PCB-124	0.000089	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74472-39-2	PCB-125	0.00083	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	57465-28-8	PCB-126	0.0000011	mg/kg	U	0.00000087	0.000035		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	39635-33-1	PCB-127	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	38380-07-3	PCB-128	0.00028	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	55215-18-4	PCB-129	0.0037	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	2974-90-5	PCB-13	0.000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52663-66-8	PCB-130	0.00021	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	61798-70-7	PCB-131	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	38380-05-1	PCB-132	0.00073	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	35694-04-3	PCB-133	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52704-70-8	PCB-134	0.000096	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52744-13-5	PCB-135	0.00069	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	38411-22-2	PCB-136	0.00018	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	35694-06-5	PCB-137	0.00013	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	35065-28-2	PCB-138	0.0037	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	56030-56-9	PCB-139	0.000022	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	34883-41-5	PCB-14	0.0000056	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	59291-64-4	PCB-140	0.000022	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52712-04-6	PCB-141	0.00065	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	41411-61-4	PCB-142	0.0000011	mg/kg	U M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	68194-15-0	PCB-143	0.000096	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	68194-14-9	PCB-144	0.00011	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74472-40-5	PCB-145	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	51908-16-8	PCB-146	0.00031	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	68194-13-8	PCB-147	0.0017	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74472-41-6	PCB-148	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	38380-04-0	PCB-149	0.0017	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	2050-68-2	PCB-15	0.0000056	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	68194-08-1	PCB-150	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52663-63-5	PCB-151	0.00069	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	68194-09-2	PCB-152	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	35065-27-1	PCB-153	0.0028	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	60145-22-4	PCB-154	0.0000011	mg/kg	U M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	33979-03-2	PCB-155	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	38380-08-4	PCB-156	0.0004	mg/kg		0.0014	0.12		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	69782-90-7	PCB-157	0.0004	mg/kg		0.0014	0.12		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74472-42-7	PCB-158	0.00032	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	39635-35-3	PCB-159	0.00008	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	38444-78-9	PCB-16	0.000011	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	41411-62-5	PCB-160	0.0000022	mg/kg	U M				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74472-43-8	PCB-161	0.0000011	mg/kg	U M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	39635-34-2	PCB-162	0.000017	mg/kg	J M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74472-44-9	PCB-163	0.0037	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74472-45-0	PCB-164	0.00027	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74472-46-1	PCB-165	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	41411-63-6	PCB-166	0.00028	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52663-72-6	PCB-167	0.00017	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	59291-65-5	PCB-168	0.0028	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	32774-16-6	PCB-169	0.0000011	mg/kg	U M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	37680-66-3	PCB-17	0.000009	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	35065-30-6	PCB-170	0.002	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52663-71-5	PCB-171	0.00049	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52663-74-8	PCB-172	0.00037	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	68194-16-1	PCB-173	0.00049	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	38411-25-5	PCB-174	0.0017	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	40186-70-7	PCB-175	0.000066	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52663-65-7	PCB-176	0.00014	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52663-70-4	PCB-177	0.001	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52663-67-9	PCB-178	0.00037	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52663-64-6	PCB-179	0.00046	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	37680-65-2	PCB-18	0.000014	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	35065-29-3	PCB-180	0.0041	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74472-47-2	PCB-181	0.0000011	mg/kg	U M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	60145-23-5	PCB-182	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52663-69-1	PCB-183	0.0008	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74472-48-3	PCB-184	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52712-05-7	PCB-185	0.00029	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74472-49-4	PCB-186	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52663-68-0	PCB-187	0.0011	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74487-85-7	PCB-188	0.0000026	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	39635-31-9	PCB-189	0.000053	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	38444-73-4	PCB-19	0.0000022	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	41411-64-7	PCB-190	0.00039	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74472-50-7	PCB-191	0.00008	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74472-51-8	PCB-192	0.0000011	mg/kg	U M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	69782-91-8	PCB-193	0.0041	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	35694-08-7	PCB-194	0.00059	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52663-78-2	PCB-195	0.00026	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	42740-50-1	PCB-196	0.00039	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	33091-17-7	PCB-197	0.000025	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	68194-17-2	PCB-198	0.00069	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52663-75-9	PCB-199	0.00069	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	2051-61-8	PCB-2	0.0000054	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	38444-84-7	PCB-20	0.000026	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52663-73-7	PCB-200	0.00013	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	40186-71-8	PCB-201	0.00011	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	2136-99-4	PCB-202	0.00016	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52663-76-0	PCB-203	0.00049	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74472-52-9	PCB-204	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74472-53-0	PCB-205	0.000043	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	40186-72-9	PCB-206	0.00027	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52663-79-3	PCB-207	0.000033	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52663-77-1	PCB-208	0.000084	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	2051-24-3	PCB-209	0.000048	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	55702-46-0	PCB-21	0.000015	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	38444-85-8	PCB-22	0.0000075	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	55720-44-0	PCB-23	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	55702-45-9	PCB-24	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	55712-37-3	PCB-25	0.0000018	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	38444-81-4	PCB-26	0.0000043	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	38444-76-7	PCB-27	0.0000014	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	7012-37-5	PCB-28	0.000026	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	15862-07-4	PCB-29	0.0000043	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	2051-62-9	PCB-3	0.0000065	mg/kg	J+				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	35693-92-6	PCB-30	0.000014	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	16606-02-3	PCB-31	0.000025	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	38444-77-8	PCB-32	0.0000022	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	38444-86-9	PCB-33	0.000015	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	37680-68-5	PCB-34	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	37680-69-6	PCB-35	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	38444-87-0	PCB-36	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	38444-90-5	PCB-37	0.000013	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	53555-66-1	PCB-38	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	38444-88-1	PCB-39	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	13029-08-8	PCB-4	0.0000056	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	38444-93-8	PCB-40	0.000032	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52663-59-9	PCB-41	0.0000022	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	36559-22-5	PCB-42	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	70362-46-8	PCB-43	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	41464-39-5	PCB-44	0.00018	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	70362-45-7	PCB-45	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	41464-47-5	PCB-46	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	2437-79-8	PCB-47	0.00018	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	70362-47-9	PCB-48	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	41464-40-8	PCB-49	0.000083	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	16605-91-7	PCB-5	0.0000056	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	62796-65-0	PCB-50	0.0000096	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	68194-04-7	PCB-51	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	35693-99-3	PCB-52	0.00055	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	41464-41-9	PCB-53	0.0000096	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	15968-05-5	PCB-54	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74338-24-2	PCB-55	0.000049	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	41464-43-1	PCB-56	0.000047	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	70424-67-8	PCB-57	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	41464-49-7	PCB-58	0.000034	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74472-33-6	PCB-59	0.0000034	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	25569-80-6	PCB-6	0.0000056	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	33025-41-1	PCB-60	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	33284-53-6	PCB-61	0.00037	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	54230-22-7	PCB-62	0.0000034	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74472-34-7	PCB-63	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52663-58-8	PCB-64	0.000053	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	33284-54-7	PCB-65	0.00018	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	32598-10-0	PCB-66	0.000025	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	73575-53-8	PCB-67	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	73575-52-7	PCB-68	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	60233-24-1	PCB-69	0.000083	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	33284-50-3	PCB-7	0.0000056	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	32598-11-1	PCB-70	0.00037	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	41464-46-4	PCB-71	0.000032	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	41464-42-0	PCB-72	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	74338-23-1	PCB-73	0.0000011	mg/kg	U M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	32690-93-0	PCB-74	0.00037	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	32598-12-2	PCB-75	0.0000034	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	70362-48-0	PCB-76	0.00037	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	32598-13-3	PCB-77	0.000012	mg/kg	M	0.000017	0.036		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	70362-49-1	PCB-78	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	41464-48-6	PCB-79	0.000015	mg/kg	J M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	34883-43-7	PCB-8	0.000005	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	33284-52-5	PCB-80	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	70362-50-4	PCB-81	0.0000011	mg/kg	U M	0.00015	0.012		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52663-62-4	PCB-82	0.00015	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	60145-20-2	PCB-83	0.00014	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52663-60-2	PCB-84	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	65510-45-4	PCB-85	0.0000034	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	55312-69-1	PCB-86	0.00083	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	38380-02-8	PCB-87	0.00083	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	55215-17-3	PCB-88	0.0000022	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	73575-57-2	PCB-89	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	34883-39-1	PCB-9	0.0000056	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	68194-07-0	PCB-90	0.0012	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	68194-05-8	PCB-91	0.0000022	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	52663-61-3	PCB-92	0.00019	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	73575-56-1	PCB-93	0.0000022	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	73575-55-0	PCB-94	0.0000011	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	38379-99-6	PCB-95	0.00087	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	73575-54-9	PCB-96	0.0000051	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	41464-51-1	PCB-97	0.00083	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	60233-25-2	PCB-98	0.0000022	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	1668C	38380-01-7	PCB-99	0.00038	mg/kg	M				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	Organotins	1002-53-5	Dibutyltin	0.04	mg/kg	U	1.8	1.8		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	Organotins	78763-54-9	Monobutyltin	0.059	mg/kg	U	2.2	2.2		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	Organotins	1461-25-2	Tetrabutyltin	0.095	mg/kg	U	2.2	2.2		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	Organotins	688-73-3	Tributyltin	0.047	mg/kg	U	2.2	2.2		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW6010C	7429-90-5	Aluminum	13700	mg/kg		50	7392		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW6010C	7440-38-2	Arsenic	1.34	mg/kg		0.43	0.43		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW6010C	7440-39-3	Barium	76.2	mg/kg		330	1440		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW6010C	7440-41-7	Beryllium	0.0343	mg/kg	J	15	15		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW6010C	7440-43-9	Cadmium	0.332	mg/kg	J	0.36	0.68		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW6010C	7440-70-2	Calcium	4640	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW6010C	7440-47-3	Chromium	54.5	mg/kg		0.29	0.29		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW6010C	7440-48-4	Cobalt	10.3	mg/kg		2.2	2.2		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW6010C	7440-50-8	Copper	33	mg/kg		28	298		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW6010C	7439-89-6	Iron	24000	mg/kg		5280	5280		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW6010C	7439-92-1	Lead	398	mg/kg		11	192		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW6010C	7439-95-4	Magnesium	5720	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW6010C	7439-96-5	Manganese	334	mg/kg		173	173		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW6010C	7440-02-0	Nickel	23.7	mg/kg		38	134		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW6010C	7440-09-7	Potassium	741	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW6010C	7440-23-5	Sodium	392	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW6010C	7440-28-0	Thallium	1.05	mg/kg	U	0.05	0.075		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW6010C	7440-62-2	Vanadium	46.4	mg/kg		7.8	37		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW6010C	7440-66-6	Zinc	88.8	mg/kg		46	2208		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW6020B	7440-36-0	Antimony	0.72	mg/kg		0.27	3		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW6020B	7782-49-2	Selenium	2.6	mg/kg		0.52	37		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW6020B	7440-22-4	Silver	0.05	mg/kg	J	4.2	37		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW7471B	7439-97-6	Mercury	0.059	mg/kg		0.013	1.1		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8081B	53-19-0	2,4-DDD	0.0287	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8081B	3424-82-6	2,4-DDE	0.00223	mg/kg	U				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8081B	789-02-6	2,4-DDT	0.000848	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8081B	72-54-8	4,4'-DDD	0.00424	mg/kg	U	0.021	2.2		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8081B	72-55-9	4,4'-DDE	0.00212	mg/kg	U	0.021	1.8		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8081B	50-29-3	4,4'-DDT	0.0119	mg/kg		0.021	1.8		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8081B	309-00-2	Aldrin	0.00212	mg/kg	U	0.000085	0.031		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00212	mg/kg	U	0.27	1.7		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8081B	60-57-1	Dieldrin	0.00212	mg/kg	U	0.0049	0.033		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8081B	959-98-8	Endosulfan I	0.00212	mg/kg	U	0.64	45		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8081B	33213-65-9	Endosulfan II	0.00212	mg/kg	U	0.64	45		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00424	mg/kg	U	0.64	36		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8081B	72-20-8	Endrin	0.00212	mg/kg	U	0.0014	1.8		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00532	mg/kg	U	0.0014	1.8		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8081B	53494-70-5	Endrin ketone	0.00424	mg/kg	U	0.0014	1.8		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00212	mg/kg	U	0.0096	0.49		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00424	mg/kg	U	0.27	1.7		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8081B	76-44-8	Heptachlor	0.00424	mg/kg	U	0.0016	0.11		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00424	mg/kg	U	0.00015	0.055		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8081B	72-43-5	Methoxychlor	0.00424	mg/kg	U	5.1	31		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8081B	27304-13-8	Oxychlordane	0.00265	mg/kg	J				
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8082A	12674-11-2	Aroclor-1016	0.015	mg/kg	U	0.041	0.1		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8082A	11104-28-2	Aroclor-1221	0.01	mg/kg	U	0.041	0.19		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8082A	11141-16-5	Aroclor-1232	0.01	mg/kg	U	0.041	0.16		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8082A	53469-21-9	Aroclor-1242	0.01	mg/kg	U	0.041	0.22		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8082A	12672-29-6	Aroclor-1248	0.0061	mg/kg	U	0.041	0.22		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8082A	11097-69-1	Aroclor-1254	0.01	mg/kg	U	0.029	0.029		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8082A	11096-82-5	Aroclor-1260	0.05	mg/kg		0.041	0.23		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0764	mg/kg	U	23	23		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	83-32-9	Acenaphthene	0.0747	mg/kg	J	29	346		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	208-96-8	Acenaphthylene	0.0255	mg/kg	J	1.9	1.9		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	120-12-7	Anthracene	0.148	mg/kg	J	29	1728		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.902	mg/kg		1.1	1.1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.81	mg/kg		0.11	0.11		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	1.22	mg/kg		1.1	1.1		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.508	mg/kg		1.1	173		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.482	mg/kg		1.1	11		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	4.04	mg/kg		0.02	37		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.153	mg/kg	U	90	278		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	86-74-8	Carbazole	0.127	mg/kg		7.5	7.5		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	218-01-9	Chrysene	1.09	mg/kg		1.1	106		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.195	mg/kg		0.1056	0.11		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	132-64-9	Dibenzofuran	0.0764	mg/kg	U	6.1	7.5		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.153	mg/kg	U	0.011	605		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	206-44-0	Fluoranthene	1.84	mg/kg		1.1	230		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	86-73-7	Fluorene	0.073	mg/kg	J	29	230		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.606	mg/kg		1.1	1.1		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	91-20-3	Naphthalene	0.102	mg/kg	U	1.9	1.9		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	85-01-8	Phenanthrene	0.929	mg/kg		29	1728		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	108-95-2	Phenol	0.102	mg/kg	U	0.79	1824		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	SW8270D	129-00-0	Pyrene	1.51	mg/kg		1.1	173		
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	1.2837	mg/kg					
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	9.163	mg/kg		1.1			
SA-3-SB	723546.204	7834173.136	8/25/2021	0 - 0	SO	N	SA-03-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	3.1174	mg/kg		29			
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0615	mg/kg		0.0073	0.23		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	2051-60-7	PCB-1	0.000002	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	33146-45-1	PCB-10	0.0000051	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	39485-83-1	PCB-100	0.000002	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	37680-73-2	PCB-101	0.00043	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	68194-06-9	PCB-102	0.000002	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	60145-21-3	PCB-103	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	56558-16-8	PCB-104	0.00000011	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	32598-14-4	PCB-105	0.00017	mg/kg		0.0043	0.12		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	70424-69-0	PCB-106	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	70424-68-9	PCB-107	0.000024	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	70362-41-3	PCB-108	0.00025	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74472-35-8	PCB-109	0.000035	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	2050-67-1	PCB-11	0.000024	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	38380-03-9	PCB-110	0.00094	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	39635-32-0	PCB-111	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74472-36-9	PCB-112	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	68194-10-5	PCB-113	0.00043	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74472-37-0	PCB-114	0.000001	mg/kg	U	0.003	0.12		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74472-38-1	PCB-115	0.00094	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	18259-05-7	PCB-116	0.000073	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	68194-11-6	PCB-117	0.000073	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	31508-00-6	PCB-118	0.00037	mg/kg		0.0022	0.12		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	56558-17-9	PCB-119	0.00025	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	2974-92-7	PCB-12	0.00001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	68194-12-7	PCB-120	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	56558-18-0	PCB-121	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	76842-07-4	PCB-122	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	65510-44-3	PCB-123	0.000012	mg/kg		0.003	0.12		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	70424-70-3	PCB-124	0.000024	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74472-39-2	PCB-125	0.00025	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	57465-28-8	PCB-126	0.000001	mg/kg	U	0.00000087	0.000035		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	39635-33-1	PCB-127	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	38380-07-3	PCB-128	0.00033	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	55215-18-4	PCB-129	0.0032	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	2974-90-5	PCB-13	0.00001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52663-66-8	PCB-130	0.00016	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	61798-70-7	PCB-131	0.000026	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	38380-05-1	PCB-132	0.00084	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	35694-04-3	PCB-133	0.000043	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52704-70-8	PCB-134	0.00011	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52744-13-5	PCB-135	0.0009	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	38411-22-2	PCB-136	0.00033	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	35694-06-5	PCB-137	0.000062	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	35065-28-2	PCB-138	0.0032	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	56030-56-9	PCB-139	0.000026	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	34883-41-5	PCB-14	0.0000051	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	59291-64-4	PCB-140	0.000026	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52712-04-6	PCB-141	0.00057	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	41411-61-4	PCB-142	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	68194-15-0	PCB-143	0.00011	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	68194-14-9	PCB-144	0.00012	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74472-40-5	PCB-145	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	51908-16-8	PCB-146	0.00039	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	68194-13-8	PCB-147	0.0025	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74472-41-6	PCB-148	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	38380-04-0	PCB-149	0.0025	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	2050-68-2	PCB-15	0.0000051	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	68194-08-1	PCB-150	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52663-63-5	PCB-151	0.0009	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	68194-09-2	PCB-152	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	35065-27-1	PCB-153	0.0025	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	60145-22-4	PCB-154	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	33979-03-2	PCB-155	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	38380-08-4	PCB-156	0.00022	mg/kg		0.0014	0.12		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	69782-90-7	PCB-157	0.00022	mg/kg		0.0014	0.12		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74472-42-7	PCB-158	0.00026	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	39635-35-3	PCB-159	0.00008	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	38444-78-9	PCB-16	0.0000061	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	41411-62-5	PCB-160	0.000002	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74472-43-8	PCB-161	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	39635-34-2	PCB-162	0.00001	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74472-44-9	PCB-163	0.0032	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74472-45-0	PCB-164	0.00027	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74472-46-1	PCB-165	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	41411-63-6	PCB-166	0.00033	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52663-72-6	PCB-167	0.00011	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	59291-65-5	PCB-168	0.0025	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	32774-16-6	PCB-169	0.000001	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	37680-66-3	PCB-17	0.0000058	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	35065-30-6	PCB-170	0.002	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52663-71-5	PCB-171	0.00063	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52663-74-8	PCB-172	0.00044	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	68194-16-1	PCB-173	0.00063	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	38411-25-5	PCB-174	0.002	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	40186-70-7	PCB-175	0.000091	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52663-65-7	PCB-176	0.00023	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52663-70-4	PCB-177	0.0013	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52663-67-9	PCB-178	0.00043	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52663-64-6	PCB-179	0.00062	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	37680-65-2	PCB-18	0.0000099	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	35065-29-3	PCB-180	0.0043	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74472-47-2	PCB-181	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	60145-23-5	PCB-182	0.0000083	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52663-69-1	PCB-183	0.0011	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74472-48-3	PCB-184	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52712-05-7	PCB-185	0.00035	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74472-49-4	PCB-186	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52663-68-0	PCB-187	0.002	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74487-85-7	PCB-188	0.0000026	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	39635-31-9	PCB-189	0.000079	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	38444-73-4	PCB-19	0.0000018	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	41411-64-7	PCB-190	0.00047	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74472-50-7	PCB-191	0.0001	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74472-51-8	PCB-192	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	69782-91-8	PCB-193	0.0043	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	35694-08-7	PCB-194	0.001	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52663-78-2	PCB-195	0.00039	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	42740-50-1	PCB-196	0.00065	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	33091-17-7	PCB-197	0.000043	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	68194-17-2	PCB-198	0.0012	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52663-75-9	PCB-199	0.0012	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	2051-61-8	PCB-2	0.0000063	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	38444-84-7	PCB-20	0.000023	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52663-73-7	PCB-200	0.00019	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	40186-71-8	PCB-201	0.00017	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	2136-99-4	PCB-202	0.00021	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52663-76-0	PCB-203	0.00068	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74472-52-9	PCB-204	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74472-53-0	PCB-205	0.000074	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	40186-72-9	PCB-206	0.0004	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52663-79-3	PCB-207	0.000054	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52663-77-1	PCB-208	0.0001	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	2051-24-3	PCB-209	0.000055	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	55702-46-0	PCB-21	0.000015	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	38444-85-8	PCB-22	0.0000082	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	55720-44-0	PCB-23	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	55702-45-9	PCB-24	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	55712-37-3	PCB-25	0.0000015	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	38444-81-4	PCB-26	0.0000044	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	38444-76-7	PCB-27	0.0000011	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	7012-37-5	PCB-28	0.000023	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	15862-07-4	PCB-29	0.0000044	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	2051-62-9	PCB-3	0.000017	mg/kg	J+				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	35693-92-6	PCB-30	0.0000099	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	16606-02-3	PCB-31	0.000022	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	38444-77-8	PCB-32	0.0000036	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	38444-86-9	PCB-33	0.000015	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	37680-68-5	PCB-34	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	37680-69-6	PCB-35	0.0000014	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	38444-87-0	PCB-36	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	38444-90-5	PCB-37	0.000014	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	53555-66-1	PCB-38	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	38444-88-1	PCB-39	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	13029-08-8	PCB-4	0.0000051	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	38444-93-8	PCB-40	0.000023	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52663-59-9	PCB-41	0.0000059	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	36559-22-5	PCB-42	0.000013	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	70362-46-8	PCB-43	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	41464-39-5	PCB-44	0.000061	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	70362-45-7	PCB-45	0.0000084	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	41464-47-5	PCB-46	0.0000029	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	2437-79-8	PCB-47	0.000061	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	70362-47-9	PCB-48	0.0000095	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	41464-40-8	PCB-49	0.000031	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	16605-91-7	PCB-5	0.0000051	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	62796-65-0	PCB-50	0.0000079	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	68194-04-7	PCB-51	0.0000013	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	35693-99-3	PCB-52	0.000087	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	41464-41-9	PCB-53	0.0000079	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	15968-05-5	PCB-54	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74338-24-2	PCB-55	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	41464-43-1	PCB-56	0.00003	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	70424-67-8	PCB-57	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	41464-49-7	PCB-58	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74472-33-6	PCB-59	0.0000049	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	25569-80-6	PCB-6	0.0000051	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	33025-41-1	PCB-60	0.000017	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	33284-53-6	PCB-61	0.00012	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	54230-22-7	PCB-62	0.0000049	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74472-34-7	PCB-63	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52663-58-8	PCB-64	0.000029	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	33284-54-7	PCB-65	0.000061	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	32598-10-0	PCB-66	0.00006	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	73575-53-8	PCB-67	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	73575-52-7	PCB-68	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	60233-24-1	PCB-69	0.000031	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	33284-50-3	PCB-7	0.0000051	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	32598-11-1	PCB-70	0.00012	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	41464-46-4	PCB-71	0.000023	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	41464-42-0	PCB-72	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	74338-23-1	PCB-73	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	32690-93-0	PCB-74	0.00012	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	32598-12-2	PCB-75	0.0000049	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	70362-48-0	PCB-76	0.00012	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	32598-13-3	PCB-77	0.000014	mg/kg		0.000017	0.036		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	70362-49-1	PCB-78	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	41464-48-6	PCB-79	0.0000051	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	34883-43-7	PCB-8	0.0000051	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	33284-52-5	PCB-80	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	70362-50-4	PCB-81	0.000001	mg/kg	U	0.00015	0.012		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52663-62-4	PCB-82	0.000054	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	60145-20-2	PCB-83	0.000044	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52663-60-2	PCB-84	0.00012	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	65510-45-4	PCB-85	0.000073	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	55312-69-1	PCB-86	0.00025	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	38380-02-8	PCB-87	0.00025	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	55215-17-3	PCB-88	0.000078	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	73575-57-2	PCB-89	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	34883-39-1	PCB-9	0.0000051	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	68194-07-0	PCB-90	0.00043	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	68194-05-8	PCB-91	0.000078	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	52663-61-3	PCB-92	0.000077	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	73575-56-1	PCB-93	0.000002	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	73575-55-0	PCB-94	0.000001	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	38379-99-6	PCB-95	0.00039	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	73575-54-9	PCB-96	0.0000029	mg/kg	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	41464-51-1	PCB-97	0.00025	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	60233-25-2	PCB-98	0.000002	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	1668C	38380-01-7	PCB-99	0.00014	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	Organotins	1002-53-5	Dibutyltin	0.038	mg/kg	U	1.8	1.8		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	Organotins	78763-54-9	Monobutyltin	0.056	mg/kg	U	2.2	2.2		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	Organotins	1461-25-2	Tetrabutyltin	0.09	mg/kg	U	2.2	2.2		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	Organotins	688-73-3	Tributyltin	0.045	mg/kg	J	2.2	2.2		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6010C	7429-90-5	Aluminum	7870	mg/kg		50	7392		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6010C	7440-38-2	Arsenic	1	mg/kg	U	0.43	0.43		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6010C	7440-39-3	Barium	112	mg/kg		330	1440		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6010C	7440-41-7	Beryllium	0.1	mg/kg	U	15	15		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6010C	7440-43-9	Cadmium	0.846	mg/kg	J	0.36	0.68		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6010C	7440-70-2	Calcium	3720	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6010C	7440-47-3	Chromium	338	mg/kg		0.29	0.29		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6010C	7440-48-4	Cobalt	16.4	mg/kg		2.2	2.2		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6010C	7440-50-8	Copper	38.8	mg/kg		28	298		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6010C	7439-89-6	Iron	31300	mg/kg		5280	5280		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6010C	7439-92-1	Lead	824	mg/kg		11	192		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6010C	7439-95-4	Magnesium	14200	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6010C	7439-96-5	Manganese	388	mg/kg		173	173		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6010C	7440-02-0	Nickel	319	mg/kg		38	134		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6010C	7440-09-7	Potassium	506	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6010C	7440-23-5	Sodium	328	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6010C	7440-28-0	Thallium	1	mg/kg	U	0.05	0.075		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6010C	7440-62-2	Vanadium	60	mg/kg		7.8	37		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6010C	7440-66-6	Zinc	181	mg/kg		46	2208		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6020A	7440-38-2	Arsenic	5	ug/L	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6020A	7440-39-3	Barium	496	ug/L					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6020A	7440-43-9	Cadmium	8.08	ug/L					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6020A	7440-47-3	Chromium	19.4	ug/L	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6020A	7439-92-1	Lead	1910	ug/L					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6020A	7782-49-2	Selenium	10	ug/L	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6020A	7440-22-4	Silver	1.24	ug/L	J				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6020B	7440-36-0	Antimony	1.5	mg/kg		0.27	3		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6020B	7782-49-2	Selenium	2.2	mg/kg		0.52	37		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW6020B	7440-22-4	Silver	0.042	mg/kg		4.2	37		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW7470A	7439-97-6	Mercury	0.4	ug/L	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW7471B	7439-97-6	Mercury	0.058	mg/kg		0.013	1.1		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8081B	53-19-0	2,4-DDD	0.00307	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8081B	3424-82-6	2,4-DDE	0.00188	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8081B	789-02-6	2,4-DDT	0.00188	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8081B	72-54-8	4,4'-DDD	0.00376	mg/kg	U	0.021	2.2		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8081B	72-55-9	4,4'-DDE	0.00188	mg/kg	U	0.021	1.8		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8081B	50-29-3	4,4'-DDT	0.00315	mg/kg	J	0.021	1.8		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8081B	309-00-2	Aldrin	0.00188	mg/kg	U	0.000085	0.031		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00342	mg/kg	U	0.27	1.7		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8081B	60-57-1	Dieldrin	0.00135	mg/kg	U	0.0049	0.033		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8081B	959-98-8	Endosulfan I	0.00188	mg/kg	U	0.64	45		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8081B	33213-65-9	Endosulfan II	0.00188	mg/kg	U	0.64	45		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00376	mg/kg	U	0.64	36		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8081B	72-20-8	Endrin	0.0008	mg/kg	J	0.0014	1.8		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00376	mg/kg	U	0.0014	1.8		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8081B	53494-70-5	Endrin ketone	0.00376	mg/kg	U	0.0014	1.8		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00188	mg/kg	U	0.0096	0.49		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00376	mg/kg	U	0.27	1.7		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8081B	76-44-8	Heptachlor	0.00376	mg/kg	U	0.0016	0.11		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00376	mg/kg	U	0.00015	0.055		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8081B	72-43-5	Methoxychlor	0.00376	mg/kg	U	5.1	31		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8081B	27304-13-8	Oxychlordane	0.000705	mg/kg	U				
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8082A	12674-11-2	Aroclor-1016	0.016	mg/kg	U	0.041	0.1		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8082A	11104-28-2	Aroclor-1221	0.01	mg/kg	U	0.041	0.19		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8082A	11141-16-5	Aroclor-1232	0.01	mg/kg	U	0.041	0.16		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8082A	53469-21-9	Aroclor-1242	0.01	mg/kg	U	0.041	0.22		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8082A	12672-29-6	Aroclor-1248	0.0062	mg/kg	U	0.041	0.22		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8082A	11097-69-1	Aroclor-1254	0.01	mg/kg	U	0.029	0.029		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8082A	11096-82-5	Aroclor-1260	0.042	mg/kg		0.041	0.23		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.144	mg/kg	U	23	23		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	83-32-9	Acenaphthene	0.061	mg/kg	J	29	346		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	208-96-8	Acenaphthylene	0.0963	mg/kg	U	1.9	1.9		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	120-12-7	Anthracene	0.0803	mg/kg	J	29	1728		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.305	mg/kg		1.1	1.1		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.379	mg/kg	J	0.11	0.11		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.485	mg/kg		1.1	1.1		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.26	mg/kg	J	1.1	173		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.218	mg/kg	J	1.1	11		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	6.9	mg/kg		0.02	37		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.116	mg/kg	J	90	278		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	86-74-8	Carbazole	0.0674	mg/kg	J	7.5	7.5		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	218-01-9	Chrysene	0.337	mg/kg		1.1	106		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.144	mg/kg	J	0.1056	0.11		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	132-64-9	Dibenzofuran	0.144	mg/kg	U	6.1	7.5		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.299	mg/kg	J	0.011	605		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	206-44-0	Fluoranthene	0.562	mg/kg		1.1	230		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	86-73-7	Fluorene	0.0449	mg/kg	J	29	230		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.321	mg/kg		1.1	1.1		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	91-20-3	Naphthalene	0.193	mg/kg	U	1.9	1.9		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	85-01-8	Phenanthrene	0.308	mg/kg		29	1728		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	108-95-2	Phenol	0.193	mg/kg	U	0.79	1824		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	SW8270D	129-00-0	Pyrene	0.536	mg/kg		1.1	173		
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.6366	mg/kg					
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	3.547	mg/kg		1.1			
SA-4-SB	723541.889	7834211.977	8/24/2021	0 - 0	SO	N	SA-04-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	1.2233	mg/kg		29			
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0145	mg/kg		0.0073	0.23		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	2051-60-7	PCB-1	0.0000022	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	33146-45-1	PCB-10	0.0000054	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	39485-83-1	PCB-100	0.0000022	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	37680-73-2	PCB-101	0.00023	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	68194-06-9	PCB-102	0.0000022	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	60145-21-3	PCB-103	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	56558-16-8	PCB-104	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	32598-14-4	PCB-105	0.00013	mg/kg		0.0043	0.12		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	70424-69-0	PCB-106	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	70424-68-9	PCB-107	0.000024	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	70362-41-3	PCB-108	0.00016	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74472-35-8	PCB-109	0.000027	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	2050-67-1	PCB-11	0.000022	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	38380-03-9	PCB-110	0.00032	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	39635-32-0	PCB-111	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74472-36-9	PCB-112	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	68194-10-5	PCB-113	0.00023	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74472-37-0	PCB-114	0.0000062	mg/kg		0.003	0.12		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74472-38-1	PCB-115	0.00032	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	18259-05-7	PCB-116	0.000059	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	68194-11-6	PCB-117	0.000059	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	31508-00-6	PCB-118	0.00027	mg/kg		0.0022	0.12		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	56558-17-9	PCB-119	0.00016	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	2974-92-7	PCB-12	0.000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	68194-12-7	PCB-120	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	56558-18-0	PCB-121	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	76842-07-4	PCB-122	0.0000068	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	65510-44-3	PCB-123	0.000009	mg/kg		0.003	0.12		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	70424-70-3	PCB-124	0.000024	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74472-39-2	PCB-125	0.00016	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	57465-28-8	PCB-126	0.0000011	mg/kg	U	0.00000087	0.000035		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	39635-33-1	PCB-127	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	38380-07-3	PCB-128	0.00011	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	55215-18-4	PCB-129	0.00064	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	2974-90-5	PCB-13	0.000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52663-66-8	PCB-130	0.00004	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	61798-70-7	PCB-131	0.000004	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	38380-05-1	PCB-132	0.00013	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	35694-04-3	PCB-133	0.000008	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52704-70-8	PCB-134	0.000017	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52744-13-5	PCB-135	0.00015	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	38411-22-2	PCB-136	0.000033	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	35694-06-5	PCB-137	0.000028	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	35065-28-2	PCB-138	0.00064	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	56030-56-9	PCB-139	0.0000066	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	34883-41-5	PCB-14	0.0000054	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	59291-64-4	PCB-140	0.0000066	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52712-04-6	PCB-141	0.00012	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	41411-61-4	PCB-142	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	68194-15-0	PCB-143	0.000017	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	68194-14-9	PCB-144	0.000019	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74472-40-5	PCB-145	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	51908-16-8	PCB-146	0.00007	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	68194-13-8	PCB-147	0.00033	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74472-41-6	PCB-148	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	38380-04-0	PCB-149	0.00033	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	2050-68-2	PCB-15	0.0000054	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	68194-08-1	PCB-150	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52663-63-5	PCB-151	0.00015	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	68194-09-2	PCB-152	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	35065-27-1	PCB-153	0.00048	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	60145-22-4	PCB-154	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	33979-03-2	PCB-155	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	38380-08-4	PCB-156	0.000087	mg/kg		0.0014	0.12		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	69782-90-7	PCB-157	0.000087	mg/kg		0.0014	0.12		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74472-42-7	PCB-158	0.000056	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	39635-35-3	PCB-159	0.000014	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	38444-78-9	PCB-16	0.0000011	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	41411-62-5	PCB-160	0.0000022	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74472-43-8	PCB-161	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	39635-34-2	PCB-162	0.0000029	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74472-44-9	PCB-163	0.00064	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74472-45-0	PCB-164	0.000049	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74472-46-1	PCB-165	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	41411-63-6	PCB-166	0.00011	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52663-72-6	PCB-167	0.000035	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	59291-65-5	PCB-168	0.00048	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	32774-16-6	PCB-169	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	37680-66-3	PCB-17	0.0000012	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	35065-30-6	PCB-170	0.00027	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52663-71-5	PCB-171	0.000078	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52663-74-8	PCB-172	0.000067	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	68194-16-1	PCB-173	0.000078	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	38411-25-5	PCB-174	0.00032	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	40186-70-7	PCB-175	0.000012	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52663-65-7	PCB-176	0.000028	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52663-70-4	PCB-177	0.00017	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52663-67-9	PCB-178	0.000073	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52663-64-6	PCB-179	0.0001	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	37680-65-2	PCB-18	0.000002	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	35065-29-3	PCB-180	0.00076	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74472-47-2	PCB-181	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	60145-23-5	PCB-182	0.0000016	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52663-69-1	PCB-183	0.00017	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74472-48-3	PCB-184	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52712-05-7	PCB-185	0.000044	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74472-49-4	PCB-186	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52663-68-0	PCB-187	0.00037	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74487-85-7	PCB-188	0.00000076	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	39635-31-9	PCB-189	0.0000088	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	38444-73-4	PCB-19	0.0000022	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	41411-64-7	PCB-190	0.000061	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74472-50-7	PCB-191	0.000011	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74472-51-8	PCB-192	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	69782-91-8	PCB-193	0.00076	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	35694-08-7	PCB-194	0.00029	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52663-78-2	PCB-195	0.000086	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	42740-50-1	PCB-196	0.00017	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	33091-17-7	PCB-197	0.00001	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	68194-17-2	PCB-198	0.00043	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52663-75-9	PCB-199	0.00043	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	2051-61-8	PCB-2	0.0000022	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	38444-84-7	PCB-20	0.0000047	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52663-73-7	PCB-200	0.000061	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	40186-71-8	PCB-201	0.000055	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	2136-99-4	PCB-202	0.000098	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52663-76-0	PCB-203	0.00027	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74472-52-9	PCB-204	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74472-53-0	PCB-205	0.000016	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	40186-72-9	PCB-206	0.00033	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52663-79-3	PCB-207	0.000039	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52663-77-1	PCB-208	0.00008	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	2051-24-3	PCB-209	0.000041	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	55702-46-0	PCB-21	0.0000025	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	38444-85-8	PCB-22	0.0000018	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	55720-44-0	PCB-23	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	55702-45-9	PCB-24	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	55712-37-3	PCB-25	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	38444-81-4	PCB-26	0.00000076	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	38444-76-7	PCB-27	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	7012-37-5	PCB-28	0.0000047	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	15862-07-4	PCB-29	0.00000076	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	2051-62-9	PCB-3	0.0000054	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	35693-92-6	PCB-30	0.000002	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	16606-02-3	PCB-31	0.0000039	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	38444-77-8	PCB-32	0.0000007	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	38444-86-9	PCB-33	0.0000025	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	37680-68-5	PCB-34	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	37680-69-6	PCB-35	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	38444-87-0	PCB-36	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	38444-90-5	PCB-37	0.0000033	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	53555-66-1	PCB-38	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	38444-88-1	PCB-39	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	13029-08-8	PCB-4	0.0000054	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	38444-93-8	PCB-40	0.0000027	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52663-59-9	PCB-41	0.0000022	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	36559-22-5	PCB-42	0.0000018	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	70362-46-8	PCB-43	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	41464-39-5	PCB-44	0.000014	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	70362-45-7	PCB-45	0.0000013	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	41464-47-5	PCB-46	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	2437-79-8	PCB-47	0.000014	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	70362-47-9	PCB-48	0.0000011	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	41464-40-8	PCB-49	0.000011	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	16605-91-7	PCB-5	0.0000054	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	62796-65-0	PCB-50	0.00000093	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	68194-04-7	PCB-51	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	35693-99-3	PCB-52	0.000029	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	41464-41-9	PCB-53	0.00000093	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	15968-05-5	PCB-54	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74338-24-2	PCB-55	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	41464-43-1	PCB-56	0.0000054	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	70424-67-8	PCB-57	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	41464-49-7	PCB-58	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74472-33-6	PCB-59	0.00000065	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	25569-80-6	PCB-6	0.0000054	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	33025-41-1	PCB-60	0.0000024	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	33284-53-6	PCB-61	0.000044	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	54230-22-7	PCB-62	0.00000065	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74472-34-7	PCB-63	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52663-58-8	PCB-64	0.0000043	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	33284-54-7	PCB-65	0.000014	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	32598-10-0	PCB-66	0.000014	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	73575-53-8	PCB-67	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	73575-52-7	PCB-68	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	60233-24-1	PCB-69	0.000011	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	33284-50-3	PCB-7	0.0000054	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	32598-11-1	PCB-70	0.000044	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	41464-46-4	PCB-71	0.0000027	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	41464-42-0	PCB-72	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	74338-23-1	PCB-73	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	32690-93-0	PCB-74	0.000044	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	32598-12-2	PCB-75	0.00000065	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	70362-48-0	PCB-76	0.000044	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	32598-13-3	PCB-77	0.0000029	mg/kg		0.000017	0.036		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	70362-49-1	PCB-78	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	41464-48-6	PCB-79	0.0000021	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	34883-43-7	PCB-8	0.0000054	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	33284-52-5	PCB-80	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	70362-50-4	PCB-81	0.0000011	mg/kg	U	0.00015	0.012		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52663-62-4	PCB-82	0.000023	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	60145-20-2	PCB-83	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52663-60-2	PCB-84	0.000029	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	65510-45-4	PCB-85	0.000059	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	55312-69-1	PCB-86	0.00016	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	38380-02-8	PCB-87	0.00016	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	55215-17-3	PCB-88	0.000025	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	73575-57-2	PCB-89	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	34883-39-1	PCB-9	0.0000054	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	68194-07-0	PCB-90	0.00023	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	68194-05-8	PCB-91	0.000025	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	52663-61-3	PCB-92	0.000048	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	73575-56-1	PCB-93	0.0000022	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	73575-55-0	PCB-94	0.0000011	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	38379-99-6	PCB-95	0.00012	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	73575-54-9	PCB-96	0.00000031	mg/kg	J				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	41464-51-1	PCB-97	0.00016	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	60233-25-2	PCB-98	0.0000022	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	1668C	38380-01-7	PCB-99	0.00012	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	Organotins	1002-53-5	Dibutyltin	0.041	mg/kg	U	1.8	1.8		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	Organotins	78763-54-9	Monobutyltin	0.06	mg/kg	U	2.2	2.2		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	Organotins	1461-25-2	Tetrabutyltin	0.096	mg/kg	U	2.2	2.2		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	Organotins	688-73-3	Tributyltin	0.048	mg/kg	U	2.2	2.2		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW6010C	7429-90-5	Aluminum	21900	mg/kg		50	7392		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW6010C	7440-38-2	Arsenic	1.02	mg/kg	U	0.43	0.43		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW6010C	7440-39-3	Barium	148	mg/kg		330	1440		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW6010C	7440-41-7	Beryllium	0.0457	mg/kg	J	15	15		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW6010C	7440-43-9	Cadmium	0.0508	mg/kg	U	0.36	0.68		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW6010C	7440-70-2	Calcium	8890	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW6010C	7440-47-3	Chromium	26.7	mg/kg		0.29	0.29		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW6010C	7440-48-4	Cobalt	15.4	mg/kg		2.2	2.2		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW6010C	7440-50-8	Copper	43.4	mg/kg		28	298		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW6010C	7439-89-6	Iron	31300	mg/kg		5280	5280		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW6010C	7439-92-1	Lead	142	mg/kg		11	192		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW6010C	7439-95-4	Magnesium	9670	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW6010C	7439-96-5	Manganese	460	mg/kg		173	173		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW6010C	7440-02-0	Nickel	21.8	mg/kg		38	134		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW6010C	7440-09-7	Potassium	1050	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW6010C	7440-23-5	Sodium	744	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW6010C	7440-28-0	Thallium	1.02	mg/kg	U	0.05	0.075		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW6010C	7440-62-2	Vanadium	74.8	mg/kg		7.8	37		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW6010C	7440-66-6	Zinc	69.1	mg/kg		46	2208		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW6020B	7440-36-0	Antimony	0.44	mg/kg	J	0.27	3		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW6020B	7782-49-2	Selenium	3.8	mg/kg		0.52	37		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW6020B	7440-22-4	Silver	0.039	mg/kg	J	4.2	37		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW7471B	7439-97-6	Mercury	0.132	mg/kg		0.013	1.1		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8081B	53-19-0	2,4-DDD	0.00468	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8081B	3424-82-6	2,4-DDE	0.00214	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8081B	789-02-6	2,4-DDT	0.00214	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8081B	72-54-8	4,4'-DDD	0.00428	mg/kg	U	0.021	2.2		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8081B	72-55-9	4,4'-DDE	0.00214	mg/kg	U	0.021	1.8		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8081B	50-29-3	4,4'-DDT	0.00428	mg/kg	U	0.021	1.8		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8081B	309-00-2	Aldrin	0.00214	mg/kg	U	0.000085	0.031		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00214	mg/kg	U	0.27	1.7		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8081B	60-57-1	Dieldrin	0.00214	mg/kg	U	0.0049	0.033		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8081B	959-98-8	Endosulfan I	0.00214	mg/kg	U	0.64	45		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8081B	33213-65-9	Endosulfan II	0.00214	mg/kg	U	0.64	45		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00428	mg/kg	U	0.64	36		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8081B	72-20-8	Endrin	0.00214	mg/kg	U	0.0014	1.8		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00428	mg/kg	U	0.0014	1.8		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8081B	53494-70-5	Endrin ketone	0.00428	mg/kg	U	0.0014	1.8		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00214	mg/kg	U	0.0096	0.49		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00428	mg/kg	U	0.27	1.7		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8081B	76-44-8	Heptachlor	0.00428	mg/kg	U	0.0016	0.11		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00428	mg/kg	U	0.00015	0.055		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8081B	72-43-5	Methoxychlor	0.00428	mg/kg	U	5.1	31		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8081B	27304-13-8	Oxychlordane	0.000814	mg/kg	U				
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8082A	12674-11-2	Aroclor-1016	0.0016	mg/kg	U	0.041	0.1		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8082A	11104-28-2	Aroclor-1221	0.0011	mg/kg	U	0.041	0.19		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8082A	11141-16-5	Aroclor-1232	0.0011	mg/kg	U	0.041	0.16		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8082A	53469-21-9	Aroclor-1242	0.0011	mg/kg	U	0.041	0.22		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8082A	12672-29-6	Aroclor-1248	0.00065	mg/kg	U	0.041	0.22		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8082A	11097-69-1	Aroclor-1254	0.0011	mg/kg	U	0.029	0.029		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8082A	11096-82-5	Aroclor-1260	0.0016	mg/kg	U	0.041	0.23		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0148	mg/kg	U	23	23		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	83-32-9	Acenaphthene	0.00526	mg/kg	J	29	346		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	208-96-8	Acenaphthylene	0.00986	mg/kg	U	1.9	1.9		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	120-12-7	Anthracene	0.0161	mg/kg	J	29	1728		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.0897	mg/kg		1.1	1.1		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.0963	mg/kg		0.11	0.11		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.141	mg/kg		1.1	1.1		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.0795	mg/kg		1.1	173		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0592	mg/kg		1.1	11		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.451	mg/kg		0.02	37		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.0296	mg/kg	U	90	278		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	86-74-8	Carbazole	0.0125	mg/kg	J	7.5	7.5		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	218-01-9	Chrysene	0.122	mg/kg		1.1	106		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0283	mg/kg	J	0.1056	0.11		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	132-64-9	Dibenzofuran	0.0148	mg/kg	U	6.1	7.5		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0168	mg/kg	J	0.011	605		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	206-44-0	Fluoranthene	0.173	mg/kg		1.1	230		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	86-73-7	Fluorene	0.00723	mg/kg	J	29	230		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0822	mg/kg		1.1	1.1		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	91-20-3	Naphthalene	0.0197	mg/kg	U	1.9	1.9		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	85-01-8	Phenanthrene	0.0789	mg/kg		29	1728		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	108-95-2	Phenol	0.0197	mg/kg	U	0.79	1824		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	SW8270D	129-00-0	Pyrene	0.141	mg/kg		1.1	173		
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.1566	mg/kg					
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	1.0122	mg/kg		1.1			
SA-5-SB	723565.279	7834247.932	8/26/2021	0 - 0	SO	N	SA-05-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.2918	mg/kg		29			
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0016	mg/kg		0.0073	0.23		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	2051-60-7	PCB-1	0.0000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	33146-45-1	PCB-10	0.0000063	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	39485-83-1	PCB-100	0.0000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	37680-73-2	PCB-101	0.0000088	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	68194-06-9	PCB-102	0.0000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	60145-21-3	PCB-103	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	56558-16-8	PCB-104	0.00000095	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	32598-14-4	PCB-105	0.0000055	mg/kg		0.0043	0.12		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	70424-69-0	PCB-106	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	70424-68-9	PCB-107	0.0000011	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	70362-41-3	PCB-108	0.0000064	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74472-35-8	PCB-109	0.00000095	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	2050-67-1	PCB-11	0.000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	38380-03-9	PCB-110	0.000014	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	39635-32-0	PCB-111	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74472-36-9	PCB-112	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	68194-10-5	PCB-113	0.0000088	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74472-37-0	PCB-114	0.0000012	mg/kg	J	0.003	0.12		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74472-38-1	PCB-115	0.000014	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	18259-05-7	PCB-116	0.0000038	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	68194-11-6	PCB-117	0.0000038	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	31508-00-6	PCB-118	0.000011	mg/kg		0.0022	0.12		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	56558-17-9	PCB-119	0.0000064	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	2974-92-7	PCB-12	0.000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	68194-12-7	PCB-120	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	56558-18-0	PCB-121	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	76842-07-4	PCB-122	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	65510-44-3	PCB-123	0.0000014	mg/kg	J	0.003	0.12		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	70424-70-3	PCB-124	0.0000011	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74472-39-2	PCB-125	0.0000064	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	57465-28-8	PCB-126	0.0000013	mg/kg	J	0.00000087	0.000035		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	39635-33-1	PCB-127	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	38380-07-3	PCB-128	0.000011	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	55215-18-4	PCB-129	0.00008	mg/kg					
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	2974-90-5	PCB-13	0.000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52663-66-8	PCB-130	0.0000035	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	61798-70-7	PCB-131	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	38380-05-1	PCB-132	0.0000093	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	35694-04-3	PCB-133	0.0000012	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52704-70-8	PCB-134	0.0000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52744-13-5	PCB-135	0.000012	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	38411-22-2	PCB-136	0.0000019	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	35694-06-5	PCB-137	0.0000016	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	35065-28-2	PCB-138	0.00008	mg/kg					
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	56030-56-9	PCB-139	0.0000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	34883-41-5	PCB-14	0.0000063	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	59291-64-4	PCB-140	0.0000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52712-04-6	PCB-141	0.000014	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	41411-61-4	PCB-142	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	68194-15-0	PCB-143	0.0000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	68194-14-9	PCB-144	0.0000013	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74472-40-5	PCB-145	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	51908-16-8	PCB-146	0.000012	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	68194-13-8	PCB-147	0.000033	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74472-41-6	PCB-148	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	38380-04-0	PCB-149	0.000033	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	2050-68-2	PCB-15	0.0000063	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	68194-08-1	PCB-150	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52663-63-5	PCB-151	0.000012	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	68194-09-2	PCB-152	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	35065-27-1	PCB-153	0.000058	mg/kg					
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	60145-22-4	PCB-154	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	33979-03-2	PCB-155	0.00000087	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	38380-08-4	PCB-156	0.0000074	mg/kg		0.0014	0.12		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	69782-90-7	PCB-157	0.0000074	mg/kg		0.0014	0.12		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74472-42-7	PCB-158	0.0000053	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	39635-35-3	PCB-159	0.0000013	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	38444-78-9	PCB-16	0.0000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	41411-62-5	PCB-160	0.0000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74472-43-8	PCB-161	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	39635-34-2	PCB-162	0.00000018	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74472-44-9	PCB-163	0.00008	mg/kg					
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74472-45-0	PCB-164	0.0000055	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74472-46-1	PCB-165	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	41411-63-6	PCB-166	0.000011	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52663-72-6	PCB-167	0.0000041	mg/kg					
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	59291-65-5	PCB-168	0.000058	mg/kg					
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	32774-16-6	PCB-169	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	37680-66-3	PCB-17	0.0000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	35065-30-6	PCB-170	0.00004	mg/kg					
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52663-71-5	PCB-171	0.0000075	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52663-74-8	PCB-172	0.0000078	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	68194-16-1	PCB-173	0.0000075	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	38411-25-5	PCB-174	0.000036	mg/kg					
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	40186-70-7	PCB-175	0.0000009	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52663-65-7	PCB-176	0.0000025	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52663-70-4	PCB-177	0.000023	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52663-67-9	PCB-178	0.000011	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52663-64-6	PCB-179	0.0000079	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	37680-65-2	PCB-18	0.000005	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	35065-29-3	PCB-180	0.000081	mg/kg					
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74472-47-2	PCB-181	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	60145-23-5	PCB-182	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52663-69-1	PCB-183	0.000014	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74472-48-3	PCB-184	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52712-05-7	PCB-185	0.0000037	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74472-49-4	PCB-186	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52663-68-0	PCB-187	0.000054	mg/kg					
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74487-85-7	PCB-188	0.00000067	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	39635-31-9	PCB-189	0.0000015	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	38444-73-4	PCB-19	0.0000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	41411-64-7	PCB-190	0.0000089	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74472-50-7	PCB-191	0.0000013	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74472-51-8	PCB-192	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	69782-91-8	PCB-193	0.000081	mg/kg					
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	35694-08-7	PCB-194	0.000017	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52663-78-2	PCB-195	0.0000071	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	42740-50-1	PCB-196	0.000009	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	33091-17-7	PCB-197	0.00000049	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	68194-17-2	PCB-198	0.00003	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52663-75-9	PCB-199	0.00003	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	2051-61-8	PCB-2	0.0000018	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	38444-84-7	PCB-20	0.0000011	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52663-73-7	PCB-200	0.0000034	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	40186-71-8	PCB-201	0.0000023	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	2136-99-4	PCB-202	0.0000075	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52663-76-0	PCB-203	0.000017	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74472-52-9	PCB-204	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74472-53-0	PCB-205	0.0000013	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	40186-72-9	PCB-206	0.00001	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52663-79-3	PCB-207	0.000001	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52663-77-1	PCB-208	0.0000037	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	2051-24-3	PCB-209	0.0000019	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	55702-46-0	PCB-21	0.0000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	38444-85-8	PCB-22	0.0000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	55720-44-0	PCB-23	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	55702-45-9	PCB-24	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	55712-37-3	PCB-25	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	38444-81-4	PCB-26	0.0000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	38444-76-7	PCB-27	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	7012-37-5	PCB-28	0.0000011	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	15862-07-4	PCB-29	0.0000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	2051-62-9	PCB-3	0.0000084	mg/kg	J+				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	35693-92-6	PCB-30	0.000005	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	16606-02-3	PCB-31	0.000001	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	38444-77-8	PCB-32	0.0000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	38444-86-9	PCB-33	0.0000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	37680-68-5	PCB-34	0.0000013	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	37680-69-6	PCB-35	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	38444-87-0	PCB-36	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	38444-90-5	PCB-37	0.0000016	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	53555-66-1	PCB-38	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	38444-88-1	PCB-39	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	13029-08-8	PCB-4	0.0000063	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	38444-93-8	PCB-40	0.00000062	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52663-59-9	PCB-41	0.0000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	36559-22-5	PCB-42	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	70362-46-8	PCB-43	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	41464-39-5	PCB-44	0.0000075	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	70362-45-7	PCB-45	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	41464-47-5	PCB-46	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	2437-79-8	PCB-47	0.0000075	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	70362-47-9	PCB-48	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	41464-40-8	PCB-49	0.00000095	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	16605-91-7	PCB-5	0.0000063	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	62796-65-0	PCB-50	0.0000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	68194-04-7	PCB-51	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	35693-99-3	PCB-52	0.0000063	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	41464-41-9	PCB-53	0.0000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	15968-05-5	PCB-54	0.00000097	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74338-24-2	PCB-55	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	41464-43-1	PCB-56	0.00000052	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	70424-67-8	PCB-57	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	41464-49-7	PCB-58	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74472-33-6	PCB-59	0.0000038	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	25569-80-6	PCB-6	0.0000063	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	33025-41-1	PCB-60	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	33284-53-6	PCB-61	0.0000032	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	54230-22-7	PCB-62	0.0000038	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74472-34-7	PCB-63	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52663-58-8	PCB-64	0.00000068	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	33284-54-7	PCB-65	0.0000075	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	32598-10-0	PCB-66	0.0000075	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	73575-53-8	PCB-67	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	73575-52-7	PCB-68	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	60233-24-1	PCB-69	0.00000095	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	33284-50-3	PCB-7	0.0000063	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	32598-11-1	PCB-70	0.0000032	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	41464-46-4	PCB-71	0.00000062	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	41464-42-0	PCB-72	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	74338-23-1	PCB-73	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	32690-93-0	PCB-74	0.0000032	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	32598-12-2	PCB-75	0.0000038	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	70362-48-0	PCB-76	0.0000032	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	32598-13-3	PCB-77	0.0000012	mg/kg	J	0.000017	0.036		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	70362-49-1	PCB-78	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	41464-48-6	PCB-79	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	34883-43-7	PCB-8	0.0000063	mg/kg	U				

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	33284-52-5	PCB-80	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	70362-50-4	PCB-81	0.00000057	mg/kg	J	0.00015	0.012		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52663-62-4	PCB-82	0.00000072	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	60145-20-2	PCB-83	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52663-60-2	PCB-84	0.0000012	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	65510-45-4	PCB-85	0.0000038	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	55312-69-1	PCB-86	0.0000064	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	38380-02-8	PCB-87	0.0000064	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	55215-17-3	PCB-88	0.00000078	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	73575-57-2	PCB-89	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	34883-39-1	PCB-9	0.0000063	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	68194-07-0	PCB-90	0.0000088	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	68194-05-8	PCB-91	0.00000078	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	52663-61-3	PCB-92	0.0000021	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	73575-56-1	PCB-93	0.0000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	73575-55-0	PCB-94	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	38379-99-6	PCB-95	0.0000047	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	73575-54-9	PCB-96	0.0000013	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	41464-51-1	PCB-97	0.0000064	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	60233-25-2	PCB-98	0.0000025	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	1668C	38380-01-7	PCB-99	0.0000064	mg/kg	J				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW6010C	7429-90-5	Aluminum	13600	mg/kg		50	7392		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW6010C	7440-38-2	Arsenic	1.04	mg/kg	U	0.43	0.43		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW6010C	7440-39-3	Barium	146	mg/kg		330	1440		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW6010C	7440-41-7	Beryllium	0.171	mg/kg	J	15	15		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW6010C	7440-43-9	Cadmium	0.0595	mg/kg	J	0.36	0.68		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW6010C	7440-70-2	Calcium	4180	mg/kg					
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW6010C	7440-47-3	Chromium	21.3	mg/kg		0.29	0.29		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW6010C	7440-48-4	Cobalt	9.33	mg/kg		2.2	2.2		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW6010C	7440-50-8	Copper	13.6	mg/kg		28	298		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW6010C	7439-89-6	Iron	24000	mg/kg		5280	5280		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW6010C	7439-92-1	Lead	8.81	mg/kg		11	192		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW6010C	7439-95-4	Magnesium	5880	mg/kg					
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW6010C	7439-96-5	Manganese	269	mg/kg		173	173		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW6010C	7440-02-0	Nickel	14.6	mg/kg		38	134		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW6010C	7440-09-7	Potassium	1260	mg/kg					
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW6010C	7440-23-5	Sodium	385	mg/kg					
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW6010C	7440-28-0	Thallium	1.04	mg/kg	U	0.05	0.075		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW6010C	7440-62-2	Vanadium	45.4	mg/kg		7.8	37		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW6010C	7440-66-6	Zinc	42.4	mg/kg		46	2208		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW6020B	7440-36-0	Antimony	0.23	mg/kg	J	0.27	3		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW6020B	7782-49-2	Selenium	3.1	mg/kg		0.52	37		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW6020B	7440-22-4	Silver	0.043	mg/kg	J	4.2	37		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW7471B	7439-97-6	Mercury	0.056	mg/kg		0.013	1.1		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8081B	53-19-0	2,4-DDD	0.00205	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8081B	3424-82-6	2,4-DDE	0.00205	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8081B	789-02-6	2,4-DDT	0.00205	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8081B	72-54-8	4,4'-DDD	0.00411	mg/kg	U	0.021	2.2		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8081B	72-55-9	4,4'-DDE	0.00205	mg/kg	U	0.021	1.8		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8081B	50-29-3	4,4'-DDT	0.00411	mg/kg	U	0.021	1.8		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8081B	309-00-2	Aldrin	0.00205	mg/kg	U	0.000085	0.031		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00205	mg/kg	U	0.27	1.7		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8081B	60-57-1	Dieldrin	0.00205	mg/kg	U	0.0049	0.033		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8081B	959-98-8	Endosulfan I	0.00205	mg/kg	U	0.64	45		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8081B	33213-65-9	Endosulfan II	0.00205	mg/kg	U	0.64	45		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00411	mg/kg	U	0.64	36		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8081B	72-20-8	Endrin	0.00205	mg/kg	U	0.0014	1.8		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00411	mg/kg	U	0.0014	1.8		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8081B	53494-70-5	Endrin ketone	0.00411	mg/kg	U	0.0014	1.8		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.00205	mg/kg	U	0.0096	0.49		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00411	mg/kg	U	0.27	1.7		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8081B	76-44-8	Heptachlor	0.00411	mg/kg	U	0.0016	0.11		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00411	mg/kg	U	0.00015	0.055		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8081B	72-43-5	Methoxychlor	0.00411	mg/kg	U	5.1	31		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8081B	27304-13-8	Oxychlordane	0.00205	mg/kg	U				
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8082A	12674-11-2	Aroclor-1016	0.019	mg/kg	U	0.041	0.1		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8082A	11104-28-2	Aroclor-1221	0.013	mg/kg	U	0.041	0.19		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8082A	11141-16-5	Aroclor-1232	0.013	mg/kg	U	0.041	0.16		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8082A	53469-21-9	Aroclor-1242	0.013	mg/kg	U	0.041	0.22		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8082A	12672-29-6	Aroclor-1248	0.0076	mg/kg	U	0.041	0.22		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8082A	11097-69-1	Aroclor-1254	0.013	mg/kg	U	0.029	0.029		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8082A	11096-82-5	Aroclor-1260	0.019	mg/kg	U	0.041	0.23		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0151	mg/kg	U	23	23		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	83-32-9	Acenaphthene	0.0101	mg/kg	U	29	346		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	208-96-8	Acenaphthylene	0.0101	mg/kg	U	1.9	1.9		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	120-12-7	Anthracene	0.0151	mg/kg	U	29	1728		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.0245	mg/kg	J	1.1	1.1		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.0298	mg/kg	J	0.11	0.11		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0406	mg/kg		1.1	1.1		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.0238	mg/kg	J	1.1	173		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0171	mg/kg	J	1.1	11		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.0835	mg/kg	J	0.02	37		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.0302	mg/kg	U	90	278		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	86-74-8	Carbazole	0.0057	mg/kg	J	7.5	7.5		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	218-01-9	Chrysene	0.0262	mg/kg		1.1	106		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0151	mg/kg	U	0.1056	0.11		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	132-64-9	Dibenzofuran	0.0151	mg/kg	U	6.1	7.5		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0302	mg/kg	U	0.011	605		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	206-44-0	Fluoranthene	0.0473	mg/kg		1.1	230		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	86-73-7	Fluorene	0.00402	mg/kg	J	29	230		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0201	mg/kg	U	1.1	1.1		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	91-20-3	Naphthalene	0.0201	mg/kg	U	1.9	1.9		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	85-01-8	Phenanthrene	0.0218	mg/kg	J	29	1728		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	108-95-2	Phenol	0.0201	mg/kg	U	0.79	1824		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	SW8270D	129-00-0	Pyrene	0.0426	mg/kg		1.1	173		
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.038	mg/kg					
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.2831	mg/kg		1.1			
SA-6-SB	723509.977	7834296.28	8/26/2021	0 - 0	SO	N	SA-06-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.1396	mg/kg		29			
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0013	mg/kg		0.0073	0.23		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	2051-60-7	PCB-1	0.0000027	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	33146-45-1	PCB-10	0.0000068	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	39485-83-1	PCB-100	0.0000027	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	37680-73-2	PCB-101	0.000016	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	68194-06-9	PCB-102	0.0000027	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	60145-21-3	PCB-103	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	56558-16-8	PCB-104	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	32598-14-4	PCB-105	0.00001	mg/kg		0.0043	0.12		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	70424-69-0	PCB-106	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	70424-68-9	PCB-107	0.0000012	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	70362-41-3	PCB-108	0.00001	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74472-35-8	PCB-109	0.0000018	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	2050-67-1	PCB-11	0.000027	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	38380-03-9	PCB-110	0.000022	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	39635-32-0	PCB-111	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74472-36-9	PCB-112	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	68194-10-5	PCB-113	0.000016	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74472-37-0	PCB-114	0.0000014	mg/kg	U	0.003	0.12		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74472-38-1	PCB-115	0.000022	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	18259-05-7	PCB-116	0.0000043	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	68194-11-6	PCB-117	0.0000043	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	31508-00-6	PCB-118	0.000018	mg/kg		0.0022	0.12		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	56558-17-9	PCB-119	0.00001	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	2974-92-7	PCB-12	0.000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	68194-12-7	PCB-120	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	56558-18-0	PCB-121	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	76842-07-4	PCB-122	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	65510-44-3	PCB-123	0.00000075	mg/kg	J	0.003	0.12		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	70424-70-3	PCB-124	0.0000012	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74472-39-2	PCB-125	0.00001	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	57465-28-8	PCB-126	0.0000014	mg/kg	U	0.00000087	0.000035		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	39635-33-1	PCB-127	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	38380-07-3	PCB-128	0.0000096	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	55215-18-4	PCB-129	0.000057	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	2974-90-5	PCB-13	0.000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52663-66-8	PCB-130	0.0000029	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	61798-70-7	PCB-131	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	38380-05-1	PCB-132	0.0000078	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	35694-04-3	PCB-133	0.0000008	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52704-70-8	PCB-134	0.0000027	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52744-13-5	PCB-135	0.000012	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	38411-22-2	PCB-136	0.0000027	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	35694-06-5	PCB-137	0.0000021	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	35065-28-2	PCB-138	0.000057	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	56030-56-9	PCB-139	0.0000004	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	34883-41-5	PCB-14	0.0000068	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	59291-64-4	PCB-140	0.0000004	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52712-04-6	PCB-141	0.00001	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	41411-61-4	PCB-142	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	68194-15-0	PCB-143	0.0000027	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	68194-14-9	PCB-144	0.0000012	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74472-40-5	PCB-145	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	51908-16-8	PCB-146	0.0000082	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	68194-13-8	PCB-147	0.000028	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74472-41-6	PCB-148	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	38380-04-0	PCB-149	0.000028	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	2050-68-2	PCB-15	0.0000068	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	68194-08-1	PCB-150	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52663-63-5	PCB-151	0.000012	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	68194-09-2	PCB-152	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	35065-27-1	PCB-153	0.000048	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	60145-22-4	PCB-154	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	33979-03-2	PCB-155	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	38380-08-4	PCB-156	0.0000066	mg/kg		0.0014	0.12		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	69782-90-7	PCB-157	0.0000066	mg/kg		0.0014	0.12		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74472-42-7	PCB-158	0.0000051	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	39635-35-3	PCB-159	0.0000011	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	38444-78-9	PCB-16	0.0000027	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	41411-62-5	PCB-160	0.0000027	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74472-43-8	PCB-161	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	39635-34-2	PCB-162	0.00000024	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74472-44-9	PCB-163	0.000057	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74472-45-0	PCB-164	0.0000036	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74472-46-1	PCB-165	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	41411-63-6	PCB-166	0.0000096	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52663-72-6	PCB-167	0.0000028	mg/kg					
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	59291-65-5	PCB-168	0.000048	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	32774-16-6	PCB-169	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	37680-66-3	PCB-17	0.0000027	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	35065-30-6	PCB-170	0.000022	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52663-71-5	PCB-171	0.0000059	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52663-74-8	PCB-172	0.0000058	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	68194-16-1	PCB-173	0.0000059	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	38411-25-5	PCB-174	0.000019	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	40186-70-7	PCB-175	0.00000074	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52663-65-7	PCB-176	0.0000014	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52663-70-4	PCB-177	0.000012	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52663-67-9	PCB-178	0.0000063	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52663-64-6	PCB-179	0.0000074	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	37680-65-2	PCB-18	0.00000061	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	35065-29-3	PCB-180	0.000058	mg/kg					
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74472-47-2	PCB-181	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	60145-23-5	PCB-182	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52663-69-1	PCB-183	0.000012	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74472-48-3	PCB-184	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52712-05-7	PCB-185	0.0000021	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74472-49-4	PCB-186	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52663-68-0	PCB-187	0.000038	mg/kg					
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74487-85-7	PCB-188	0.00000023	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	39635-31-9	PCB-189	0.0000011	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	38444-73-4	PCB-19	0.0000027	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	41411-64-7	PCB-190	0.0000042	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74472-50-7	PCB-191	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74472-51-8	PCB-192	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	69782-91-8	PCB-193	0.000058	mg/kg					
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	35694-08-7	PCB-194	0.000016	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52663-78-2	PCB-195	0.0000045	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	42740-50-1	PCB-196	0.0000094	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	33091-17-7	PCB-197	0.00000075	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	68194-17-2	PCB-198	0.000032	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52663-75-9	PCB-199	0.000032	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	2051-61-8	PCB-2	0.0000015	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	38444-84-7	PCB-20	0.0000011	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52663-73-7	PCB-200	0.0000028	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	40186-71-8	PCB-201	0.0000025	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	2136-99-4	PCB-202	0.0000082	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52663-76-0	PCB-203	0.000019	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74472-52-9	PCB-204	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74472-53-0	PCB-205	0.00000078	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	40186-72-9	PCB-206	0.000023	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52663-79-3	PCB-207	0.0000031	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52663-77-1	PCB-208	0.0000086	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	2051-24-3	PCB-209	0.0000065	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	55702-46-0	PCB-21	0.0000027	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	38444-85-8	PCB-22	0.0000027	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	55720-44-0	PCB-23	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	55702-45-9	PCB-24	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	55712-37-3	PCB-25	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	38444-81-4	PCB-26	0.0000027	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	38444-76-7	PCB-27	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	7012-37-5	PCB-28	0.0000011	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	15862-07-4	PCB-29	0.0000027	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	2051-62-9	PCB-3	0.0000072	mg/kg	J+				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	35693-92-6	PCB-30	0.00000061	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	16606-02-3	PCB-31	0.0000011	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	38444-77-8	PCB-32	0.0000027	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	38444-86-9	PCB-33	0.0000027	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	37680-68-5	PCB-34	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	37680-69-6	PCB-35	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	38444-87-0	PCB-36	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	38444-90-5	PCB-37	0.000001	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	53555-66-1	PCB-38	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	38444-88-1	PCB-39	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	13029-08-8	PCB-4	0.0000068	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	38444-93-8	PCB-40	0.0000027	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52663-59-9	PCB-41	0.0000027	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	36559-22-5	PCB-42	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	70362-46-8	PCB-43	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	41464-39-5	PCB-44	0.0000082	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	70362-45-7	PCB-45	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	41464-47-5	PCB-46	0.0000014	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	2437-79-8	PCB-47	0.0000082	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	70362-47-9	PCB-48	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	41464-40-8	PCB-49	0.0000015	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	16605-91-7	PCB-5	0.0000068	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	62796-65-0	PCB-50	0.0000027	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	68194-04-7	PCB-51	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	35693-99-3	PCB-52	0.0000068	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	41464-41-9	PCB-53	0.0000027	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	15968-05-5	PCB-54	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74338-24-2	PCB-55	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	41464-43-1	PCB-56	0.00000074	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	70424-67-8	PCB-57	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	41464-49-7	PCB-58	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74472-33-6	PCB-59	0.0000041	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	25569-80-6	PCB-6	0.0000068	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	33025-41-1	PCB-60	0.00000047	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	33284-53-6	PCB-61	0.0000043	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	54230-22-7	PCB-62	0.0000041	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74472-34-7	PCB-63	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52663-58-8	PCB-64	0.00000071	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	33284-54-7	PCB-65	0.0000082	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	32598-10-0	PCB-66	0.0000027	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	73575-53-8	PCB-67	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	73575-52-7	PCB-68	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	60233-24-1	PCB-69	0.0000015	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	33284-50-3	PCB-7	0.0000068	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	32598-11-1	PCB-70	0.0000043	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	41464-46-4	PCB-71	0.0000027	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	41464-42-0	PCB-72	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	74338-23-1	PCB-73	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	32690-93-0	PCB-74	0.0000043	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	32598-12-2	PCB-75	0.0000041	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	70362-48-0	PCB-76	0.0000043	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	32598-13-3	PCB-77	0.0000015	mg/kg	J	0.000017	0.036		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	70362-49-1	PCB-78	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	41464-48-6	PCB-79	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	34883-43-7	PCB-8	0.0000068	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	33284-52-5	PCB-80	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	70362-50-4	PCB-81	0.0000014	mg/kg	U	0.00015	0.012		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52663-62-4	PCB-82	0.0000011	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	60145-20-2	PCB-83	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52663-60-2	PCB-84	0.0000018	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	65510-45-4	PCB-85	0.0000043	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	55312-69-1	PCB-86	0.00001	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	38380-02-8	PCB-87	0.00001	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	55215-17-3	PCB-88	0.0000016	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	73575-57-2	PCB-89	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	34883-39-1	PCB-9	0.0000068	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	68194-07-0	PCB-90	0.000016	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	68194-05-8	PCB-91	0.0000016	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	52663-61-3	PCB-92	0.0000031	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	73575-56-1	PCB-93	0.0000027	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	73575-55-0	PCB-94	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	38379-99-6	PCB-95	0.0000084	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	73575-54-9	PCB-96	0.0000014	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	41464-51-1	PCB-97	0.00001	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	60233-25-2	PCB-98	0.0000027	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	1668C	38380-01-7	PCB-99	0.0000097	mg/kg	J				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	Organotins	1002-53-5	Dibutyltin	0.05	mg/kg	U	1.8	1.8		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	Organotins	78763-54-9	Monobutyltin	0.073	mg/kg	U	2.2	2.2		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	Organotins	1461-25-2	Tetrabutyltin	0.12	mg/kg	U	2.2	2.2		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	Organotins	688-73-3	Tributyltin	0.058	mg/kg	U	2.2	2.2		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW6010C	7429-90-5	Aluminum	34400	mg/kg		50	7392		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW6010C	7440-38-2	Arsenic	1.17	mg/kg	U	0.43	0.43		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW6010C	7440-39-3	Barium	159	mg/kg		330	1440		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW6010C	7440-41-7	Beryllium	0.108	mg/kg	J	15	15		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW6010C	7440-43-9	Cadmium	0.0584	mg/kg	U	0.36	0.68		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW6010C	7440-70-2	Calcium	10700	mg/kg					
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW6010C	7440-47-3	Chromium	34	mg/kg		0.29	0.29		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW6010C	7440-48-4	Cobalt	18.5	mg/kg		2.2	2.2		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW6010C	7440-50-8	Copper	69.4	mg/kg		28	298		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW6010C	7439-89-6	Iron	43000	mg/kg		5280	5280		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW6010C	7439-92-1	Lead	11.7	mg/kg		11	192		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW6010C	7439-95-4	Magnesium	14000	mg/kg					
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW6010C	7439-96-5	Manganese	675	mg/kg		173	173		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW6010C	7440-02-0	Nickel	21.6	mg/kg		38	134		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW6010C	7440-09-7	Potassium	778	mg/kg					
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW6010C	7440-23-5	Sodium	489	mg/kg					
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW6010C	7440-28-0	Thallium	1.17	mg/kg	U	0.05	0.075		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW6010C	7440-62-2	Vanadium	87.6	mg/kg		7.8	37		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW6010C	7440-66-6	Zinc	52.1	mg/kg		46	2208		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW6020B	7440-36-0	Antimony	0.22	mg/kg	J	0.27	3		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW6020B	7782-49-2	Selenium	4	mg/kg		0.52	37		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW6020B	7440-22-4	Silver	0.046	mg/kg	J	4.2	37		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW7471B	7439-97-6	Mercury	0.107	mg/kg		0.013	1.1		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8081B	53-19-0	2,4-DDD	0.00226	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8081B	3424-82-6	2,4-DDE	0.00226	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8081B	789-02-6	2,4-DDT	0.00226	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8081B	72-54-8	4,4'-DDD	0.00453	mg/kg	U	0.021	2.2		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8081B	72-55-9	4,4'-DDE	0.00226	mg/kg	U	0.021	1.8		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8081B	50-29-3	4,4'-DDT	0.00453	mg/kg	U	0.021	1.8		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8081B	309-00-2	Aldrin	0.00226	mg/kg	U	0.000085	0.031		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8081B	5103-71-9	alpha-Chlordane	0.000996	mg/kg	U	0.27	1.7		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8081B	60-57-1	Dieldrin	0.00226	mg/kg	U	0.0049	0.033		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8081B	959-98-8	Endosulfan I	0.00226	mg/kg	U	0.64	45		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8081B	33213-65-9	Endosulfan II	0.00226	mg/kg	U	0.64	45		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00453	mg/kg	U	0.64	36		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8081B	72-20-8	Endrin	0.00226	mg/kg	U	0.0014	1.8		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00358	mg/kg	U	0.0014	1.8		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8081B	53494-70-5	Endrin ketone	0.00453	mg/kg	U	0.0014	1.8		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.000464	mg/kg	J	0.0096	0.49		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00453	mg/kg	U	0.27	1.7		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8081B	76-44-8	Heptachlor	0.00453	mg/kg	U	0.0016	0.11		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00453	mg/kg	U	0.00015	0.055		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8081B	72-43-5	Methoxychlor	0.00453	mg/kg	U	5.1	31		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8081B	27304-13-8	Oxychlordane	0.00226	mg/kg	U				
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8082A	12674-11-2	Aroclor-1016	0.002	mg/kg	U	0.041	0.1		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8082A	11104-28-2	Aroclor-1221	0.0013	mg/kg	U	0.041	0.19		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8082A	11141-16-5	Aroclor-1232	0.0013	mg/kg	U	0.041	0.16		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8082A	53469-21-9	Aroclor-1242	0.0013	mg/kg	U	0.041	0.22		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8082A	12672-29-6	Aroclor-1248	0.00081	mg/kg	U	0.041	0.22		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8082A	11097-69-1	Aroclor-1254	0.0013	mg/kg	U	0.029	0.029		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8082A	11096-82-5	Aroclor-1260	0.0019	mg/kg		0.041	0.23		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0173	mg/kg	U	23	23		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	83-32-9	Acenaphthene	0.0116	mg/kg	U	29	346		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	208-96-8	Acenaphthylene	0.0116	mg/kg	U	1.9	1.9		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	120-12-7	Anthracene	0.0173	mg/kg	U	29	1728		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.00771	mg/kg	J	1.1	1.1		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.0112	mg/kg	J	0.11	0.11		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.0116	mg/kg	J	1.1	1.1		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.0231	mg/kg	U	1.1	173		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.00694	mg/kg	J	1.1	11		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.139	mg/kg	U	0.02	37		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.0347	mg/kg	U	90	278		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	86-74-8	Carbazole	0.0116	mg/kg	U	7.5	7.5		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	218-01-9	Chrysene	0.0116	mg/kg	U	1.1	106		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0173	mg/kg	U	0.1056	0.11		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	132-64-9	Dibenzofuran	0.0173	mg/kg	U	6.1	7.5		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0347	mg/kg	U	0.011	605		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	206-44-0	Fluoranthene	0.0116	mg/kg	J	1.1	230		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	86-73-7	Fluorene	0.0116	mg/kg	U	29	230		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0231	mg/kg	U	1.1	1.1		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	91-20-3	Naphthalene	0.0231	mg/kg	U	1.9	1.9		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	85-01-8	Phenanthrene	0.0173	mg/kg	U	29	1728		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	108-95-2	Phenol	0.0231	mg/kg	U	0.79	1824		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	SW8270D	129-00-0	Pyrene	0.01	mg/kg	J	1.1	173		
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.016	mg/kg					
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.1009	mg/kg		1.1			
SA-8-SB	723425.192	7834254.225	8/25/2021	0 - 0	SO	N	SA-08-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.1098	mg/kg		29			
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	TPCB_CONG_KM	Calc Total PCB Congeners (KM, capped-MD	0.0076	mg/kg		0.0073	0.23		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	2051-60-7	PCB-1	0.0000025	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	33146-45-1	PCB-10	0.0000062	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	39485-83-1	PCB-100	0.0000025	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	37680-73-2	PCB-101	0.0001	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	68194-06-9	PCB-102	0.0000025	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	60145-21-3	PCB-103	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	56558-16-8	PCB-104	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	32598-14-4	PCB-105	0.000051	mg/kg		0.0043	0.12		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	70424-69-0	PCB-106	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	70424-68-9	PCB-107	0.0000072	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	70362-41-3	PCB-108	0.00004	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74472-35-8	PCB-109	0.000012	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	2050-67-1	PCB-11	0.000025	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	38380-03-9	PCB-110	0.000094	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	39635-32-0	PCB-111	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74472-36-9	PCB-112	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	68194-10-5	PCB-113	0.0001	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74472-37-0	PCB-114	0.0000021	mg/kg	J	0.003	0.12		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74472-38-1	PCB-115	0.000094	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	18259-05-7	PCB-116	0.000014	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	68194-11-6	PCB-117	0.000014	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	31508-00-6	PCB-118	0.000097	mg/kg		0.0022	0.12		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	56558-17-9	PCB-119	0.00004	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	2974-92-7	PCB-12	0.000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	68194-12-7	PCB-120	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	56558-18-0	PCB-121	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	76842-07-4	PCB-122	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	65510-44-3	PCB-123	0.0000022	mg/kg	J	0.003	0.12		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	70424-70-3	PCB-124	0.0000072	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74472-39-2	PCB-125	0.00004	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	57465-28-8	PCB-126	0.0000023	mg/kg	J	0.00000087	0.000035		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	39635-33-1	PCB-127	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	38380-07-3	PCB-128	0.000052	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	55215-18-4	PCB-129	0.00039	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	2974-90-5	PCB-13	0.000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52663-66-8	PCB-130	0.000023	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	61798-70-7	PCB-131	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	38380-05-1	PCB-132	0.000082	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	35694-04-3	PCB-133	0.000007	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52704-70-8	PCB-134	0.000009	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52744-13-5	PCB-135	0.00014	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	38411-22-2	PCB-136	0.000028	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	35694-06-5	PCB-137	0.0000067	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	35065-28-2	PCB-138	0.00039	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	56030-56-9	PCB-139	0.0000017	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	34883-41-5	PCB-14	0.0000062	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	59291-64-4	PCB-140	0.0000017	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52712-04-6	PCB-141	0.00011	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	41411-61-4	PCB-142	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	68194-15-0	PCB-143	0.000009	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	68194-14-9	PCB-144	0.000019	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74472-40-5	PCB-145	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	51908-16-8	PCB-146	0.00006	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	68194-13-8	PCB-147	0.00028	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74472-41-6	PCB-148	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	38380-04-0	PCB-149	0.00028	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	2050-68-2	PCB-15	0.0000062	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	68194-08-1	PCB-150	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52663-63-5	PCB-151	0.00014	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	68194-09-2	PCB-152	0.0000012	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	35065-27-1	PCB-153	0.00039	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	60145-22-4	PCB-154	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	33979-03-2	PCB-155	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	38380-08-4	PCB-156	0.000035	mg/kg		0.0014	0.12		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	69782-90-7	PCB-157	0.000035	mg/kg		0.0014	0.12		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74472-42-7	PCB-158	0.000038	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	39635-35-3	PCB-159	0.000012	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	38444-78-9	PCB-16	0.0000023	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	41411-62-5	PCB-160	0.0000025	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74472-43-8	PCB-161	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	39635-34-2	PCB-162	0.0000019	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74472-44-9	PCB-163	0.00039	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74472-45-0	PCB-164	0.000031	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74472-46-1	PCB-165	0.0000027	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	41411-63-6	PCB-166	0.000052	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52663-72-6	PCB-167	0.000018	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	59291-65-5	PCB-168	0.00039	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	32774-16-6	PCB-169	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	37680-66-3	PCB-17	0.0000015	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	35065-30-6	PCB-170	0.00015	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52663-71-5	PCB-171	0.000057	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52663-74-8	PCB-172	0.000042	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	68194-16-1	PCB-173	0.000057	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	38411-25-5	PCB-174	0.00021	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	40186-70-7	PCB-175	0.000011	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52663-65-7	PCB-176	0.000029	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52663-70-4	PCB-177	0.00012	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52663-67-9	PCB-178	0.000062	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52663-64-6	PCB-179	0.000083	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	37680-65-2	PCB-18	0.0000026	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	35065-29-3	PCB-180	0.0004	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74472-47-2	PCB-181	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	60145-23-5	PCB-182	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52663-69-1	PCB-183	0.00012	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74472-48-3	PCB-184	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52712-05-7	PCB-185	0.000034	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74472-49-4	PCB-186	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52663-68-0	PCB-187	0.00027	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74487-85-7	PCB-188	0.00000043	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	39635-31-9	PCB-189	0.000005	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	38444-73-4	PCB-19	0.0000025	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	41411-64-7	PCB-190	0.000033	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74472-50-7	PCB-191	0.0000066	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74472-51-8	PCB-192	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	69782-91-8	PCB-193	0.0004	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	35694-08-7	PCB-194	0.000056	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52663-78-2	PCB-195	0.000027	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	42740-50-1	PCB-196	0.000048	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	33091-17-7	PCB-197	0.0000036	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	68194-17-2	PCB-198	0.00013	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52663-75-9	PCB-199	0.00013	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	2051-61-8	PCB-2	0.0000025	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	38444-84-7	PCB-20	0.0000065	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52663-73-7	PCB-200	0.000022	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	40186-71-8	PCB-201	0.000018	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	2136-99-4	PCB-202	0.000038	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52663-76-0	PCB-203	0.000071	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74472-52-9	PCB-204	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74472-53-0	PCB-205	0.0000032	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	40186-72-9	PCB-206	0.00004	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52663-79-3	PCB-207	0.0000055	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52663-77-1	PCB-208	0.000016	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	2051-24-3	PCB-209	0.000011	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	55702-46-0	PCB-21	0.0000039	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	38444-85-8	PCB-22	0.0000025	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	55720-44-0	PCB-23	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	55702-45-9	PCB-24	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	55712-37-3	PCB-25	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	38444-81-4	PCB-26	0.00000093	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	38444-76-7	PCB-27	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	7012-37-5	PCB-28	0.0000065	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	15862-07-4	PCB-29	0.00000093	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	2051-62-9	PCB-3	0.0000062	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	35693-92-6	PCB-30	0.0000026	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	16606-02-3	PCB-31	0.0000057	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	38444-77-8	PCB-32	0.0000012	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	38444-86-9	PCB-33	0.0000039	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	37680-68-5	PCB-34	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	37680-69-6	PCB-35	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	38444-87-0	PCB-36	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	38444-90-5	PCB-37	0.0000041	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	53555-66-1	PCB-38	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	38444-88-1	PCB-39	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	13029-08-8	PCB-4	0.0000062	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	38444-93-8	PCB-40	0.0000024	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52663-59-9	PCB-41	0.00000066	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	36559-22-5	PCB-42	0.0000015	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	70362-46-8	PCB-43	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	41464-39-5	PCB-44	0.0000072	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	70362-45-7	PCB-45	0.00000079	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	41464-47-5	PCB-46	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	2437-79-8	PCB-47	0.0000072	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	70362-47-9	PCB-48	0.0000011	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	41464-40-8	PCB-49	0.0000047	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	16605-91-7	PCB-5	0.0000062	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	62796-65-0	PCB-50	0.00000072	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	68194-04-7	PCB-51	0.00000046	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	35693-99-3	PCB-52	0.0000095	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	41464-41-9	PCB-53	0.00000072	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	15968-05-5	PCB-54	0.0000012	mg/kg	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74338-24-2	PCB-55	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	41464-43-1	PCB-56	0.0000038	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	70424-67-8	PCB-57	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	41464-49-7	PCB-58	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74472-33-6	PCB-59	0.00000066	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	25569-80-6	PCB-6	0.0000062	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	33025-41-1	PCB-60	0.0000029	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	33284-53-6	PCB-61	0.000021	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	54230-22-7	PCB-62	0.00000066	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74472-34-7	PCB-63	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52663-58-8	PCB-64	0.0000033	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	33284-54-7	PCB-65	0.0000072	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	32598-10-0	PCB-66	0.0000086	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	73575-53-8	PCB-67	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	73575-52-7	PCB-68	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	60233-24-1	PCB-69	0.0000047	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	33284-50-3	PCB-7	0.0000062	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	32598-11-1	PCB-70	0.000021	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	41464-46-4	PCB-71	0.0000024	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	41464-42-0	PCB-72	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	74338-23-1	PCB-73	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	32690-93-0	PCB-74	0.000021	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	32598-12-2	PCB-75	0.00000066	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	70362-48-0	PCB-76	0.000021	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	32598-13-3	PCB-77	0.0000054	mg/kg		0.000017	0.036		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	70362-49-1	PCB-78	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	41464-48-6	PCB-79	0.00000082	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	34883-43-7	PCB-8	0.0000062	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	33284-52-5	PCB-80	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	70362-50-4	PCB-81	0.0000012	mg/kg	U	0.00015	0.012		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52663-62-4	PCB-82	0.000004	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	60145-20-2	PCB-83	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52663-60-2	PCB-84	0.0000076	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	65510-45-4	PCB-85	0.000014	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	55312-69-1	PCB-86	0.00004	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	38380-02-8	PCB-87	0.00004	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	55215-17-3	PCB-88	0.0000051	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	73575-57-2	PCB-89	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	34883-39-1	PCB-9	0.0000062	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	68194-07-0	PCB-90	0.0001	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	68194-05-8	PCB-91	0.0000051	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	52663-61-3	PCB-92	0.000015	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	73575-56-1	PCB-93	0.0000025	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	73575-55-0	PCB-94	0.0000012	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	38379-99-6	PCB-95	0.000044	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	73575-54-9	PCB-96	0.00000029	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	41464-51-1	PCB-97	0.00004	mg/kg	J				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	60233-25-2	PCB-98	0.0000025	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	1668C	38380-01-7	PCB-99	0.00003	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	Organotins	1002-53-5	Dibutyltin	0.044	mg/kg	U	1.8	1.8		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	Organotins	78763-54-9	Monobutyltin	0.064	mg/kg	U	2.2	2.2		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	Organotins	1461-25-2	Tetrabutyltin	0.1	mg/kg	U	2.2	2.2		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	Organotins	688-73-3	Tributyltin	0.051	mg/kg	U	2.2	2.2		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6010C	7429-90-5	Aluminum	40400	mg/kg		50	7392		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6010C	7440-38-2	Arsenic	1.17	mg/kg	U	0.43	0.43		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6010C	7440-39-3	Barium	72.3	mg/kg		330	1440		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6010C	7440-41-7	Beryllium	0.272	mg/kg	J	15	15		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6010C	7440-43-9	Cadmium	0.0584	mg/kg	U	0.36	0.68		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6010C	7440-70-2	Calcium	13700	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6010C	7440-47-3	Chromium	34.9	mg/kg		0.29	0.29		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6010C	7440-48-4	Cobalt	18.4	mg/kg		2.2	2.2		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6010C	7440-50-8	Copper	73.9	mg/kg		28	298		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6010C	7439-89-6	Iron	48200	mg/kg		5280	5280		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6010C	7439-92-1	Lead	13.9	mg/kg		11	192		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6010C	7439-95-4	Magnesium	19700	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6010C	7439-96-5	Manganese	849	mg/kg		173	173		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6010C	7440-02-0	Nickel	22.3	mg/kg		38	134		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6010C	7440-09-7	Potassium	631	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6010C	7440-23-5	Sodium	517	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6010C	7440-28-0	Thallium	1.17	mg/kg	U	0.05	0.075		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6010C	7440-62-2	Vanadium	85.3	mg/kg		7.8	37		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6010C	7440-66-6	Zinc	51.5	mg/kg		46	2208		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6020B	7440-36-0	Antimony	0.21	mg/kg	J	0.27	3		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6020B	7782-49-2	Selenium	5.1	mg/kg		0.52	37		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW6020B	7440-22-4	Silver	0.045	mg/kg	J	4.2	37		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW7471B	7439-97-6	Mercury	0.057	mg/kg		0.013	1.1		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8081B	53-19-0	2,4-DDD	0.00235	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8081B	3424-82-6	2,4-DDE	0.00235	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8081B	789-02-6	2,4-DDT	0.00235	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8081B	72-54-8	4,4'-DDD	0.00469	mg/kg	U	0.021	2.2		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8081B	72-55-9	4,4'-DDE	0.00235	mg/kg	U	0.021	1.8		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8081B	50-29-3	4,4'-DDT	0.00469	mg/kg	U	0.021	1.8		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8081B	309-00-2	Aldrin	0.00235	mg/kg	U	0.000085	0.031		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8081B	5103-71-9	alpha-Chlordane	0.00235	mg/kg	U	0.27	1.7		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8081B	60-57-1	Dieldrin	0.00235	mg/kg	U	0.0049	0.033		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8081B	959-98-8	Endosulfan I	0.00235	mg/kg	U	0.64	45		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8081B	33213-65-9	Endosulfan II	0.00235	mg/kg	U	0.64	45		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8081B	1031-07-8	Endosulfan sulfate	0.00469	mg/kg	U	0.64	36		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8081B	72-20-8	Endrin	0.00235	mg/kg	U	0.0014	1.8		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8081B	7421-93-4	Endrin aldehyde	0.00469	mg/kg	U	0.0014	1.8		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8081B	53494-70-5	Endrin ketone	0.00469	mg/kg	U	0.0014	1.8		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8081B	58-89-9	gamma-BHC (Lindane)	0.000457	mg/kg	J	0.0096	0.49		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8081B	5103-74-2	gamma-Chlordane	0.00469	mg/kg	U	0.27	1.7		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8081B	76-44-8	Heptachlor	0.00469	mg/kg	U	0.0016	0.11		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8081B	1024-57-3	Heptachlor epoxide	0.00469	mg/kg	U	0.00015	0.055		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8081B	72-43-5	Methoxychlor	0.00469	mg/kg	U	5.1	31		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8081B	27304-13-8	Oxychlordane	0.00235	mg/kg	U				
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8082A	12674-11-2	Aroclor-1016	0.0018	mg/kg	U	0.041	0.1		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8082A	11104-28-2	Aroclor-1221	0.0012	mg/kg	U	0.041	0.19		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8082A	11141-16-5	Aroclor-1232	0.0012	mg/kg	U	0.041	0.16		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8082A	53469-21-9	Aroclor-1242	0.0012	mg/kg	U	0.041	0.22		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8082A	12672-29-6	Aroclor-1248	0.00073	mg/kg	U	0.041	0.22		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8082A	11097-69-1	Aroclor-1254	0.0012	mg/kg	U	0.029	0.029		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8082A	11096-82-5	Aroclor-1260	0.0073	mg/kg		0.041	0.23		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	91-57-6	2-Methylnaphthalene	0.0176	mg/kg	U	23	23		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	83-32-9	Acenaphthene	0.0117	mg/kg	U	29	346		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	208-96-8	Acenaphthylene	0.0117	mg/kg	U	1.9	1.9		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	120-12-7	Anthracene	0.0176	mg/kg	U	29	1728		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	56-55-3	Benzo(a)anthracene	0.0141	mg/kg	J	1.1	1.1		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	50-32-8	Benzo(a)pyrene	0.0168	mg/kg	J	0.11	0.11		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	205-99-2	Benzo(b)fluoranthene	0.02	mg/kg	J	1.1	1.1		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	191-24-2	Benzo(g,h,i)perylene	0.0235	mg/kg	U	1.1	173		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	207-08-9	Benzo(k)fluoranthene	0.0117	mg/kg	J	1.1	11		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	117-81-7	Bis (2-ethylhexyl) phthalate	0.141	mg/kg	U	0.02	37		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	85-68-7	Butyl benzylphthalate	0.0352	mg/kg	U	90	278		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	86-74-8	Carbazole	0.00509	mg/kg	J	7.5	7.5		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	218-01-9	Chrysene	0.0102	mg/kg	J	1.1	106		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	53-70-3	Dibenzo(a,h)anthracene	0.0176	mg/kg	U	0.1056	0.11		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	132-64-9	Dibenzofuran	0.0176	mg/kg	U	6.1	7.5		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	84-74-2	Di-n-butylphthalate	0.0352	mg/kg	U	0.011	605		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	206-44-0	Fluoranthene	0.0227	mg/kg	J	1.1	230		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	86-73-7	Fluorene	0.0117	mg/kg	U	29	230		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	193-39-5	Indeno(1,2,3-c,d)pyrene	0.0235	mg/kg	U	1.1	1.1		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	91-20-3	Naphthalene	0.0235	mg/kg	U	1.9	1.9		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	85-01-8	Phenanthrene	0.00979	mg/kg	J	29	1728		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	108-95-2	Phenol	0.0235	mg/kg	U	0.79	1824		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	SW8270D	129-00-0	Pyrene	0.0196	mg/kg	J	1.1	173		
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	Tot_PAH_Calc	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.0248	mg/kg					
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	0.1604	mg/kg		1.1			
SA-9-SB	723439.565	7834278.534	8/25/2021	0 - 0	SO	N	SA-09-SB	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.11459	mg/kg		29			
SB-01	723615.495	7834119.308	1/27/2009	0 - 1	SO	N	090127-SB-SB1-0-1So (	6010B	7439-92-1	Lead	398	mg/kg		11	192		
SB-01	723615.495	7834119.308	1/27/2009	1 - 3	SO	N	090127-SB-SB1-1-3So (	6010B	7439-92-1	Lead	16.2	mg/kg		11	192		
SB-02	723581.69	7834103.583	1/27/2009	0 - 1	SO	N	090127-SB-SB2-0-1So (	6010B	7439-92-1	Lead	220	mg/kg		11	192		
SB-02	723581.69	7834103.583	1/27/2009	1 - 3	SO	N	090127-SB-SB2-1-3So (	6010B	7439-92-1	Lead	12	mg/kg		11	192		
SB-03	723563.746	7834152.219	1/27/2009	0 - 1	SO	N	090127-SB-SB3-0-1So (	6010B	7439-92-1	Lead	921	mg/kg		11	192		
SB-03	723563.746	7834152.219	1/27/2009	1 - 3	SO	N	090127-SB-SB3-1-3So (	6010B	7439-92-1	Lead	44.8	mg/kg		11	192		
SB-04	723495.209	7834009.414	1/27/2009	0 - 1	SO	N	090127-SB-SB4-0-1So (	6010B	7439-92-1	Lead	90.8	mg/kg		11	192		
SB-04	723495.209	7834009.414	1/27/2009	1 - 3	SO	N	090127-SB-SB4-1-3So (	6010B	7439-92-1	Lead	9.5	mg/kg	J	11	192		
SB-05	723498.141	7834234.092	1/27/2009	0 - 1	SO	N	090127-SB-SB5-0-1So (	6010B	7439-92-1	Lead	525	mg/kg		11	192		
SB-05	723498.141	7834234.092	1/27/2009	1 - 3	SO	N	090127-SB-SB5-1-3So (	6010B	7439-92-1	Lead	738	mg/kg		11	192		
SB-06	723470.624	7834188.55	1/27/2009	0 - 1	SO	FD	090127-SB-SB15-0-1So	6010B	7439-92-1	Lead	89.1	mg/kg		11	192		
SB-06	723470.624	7834188.55	1/27/2009	0 - 1	SO	N	090127-SB-SB6-0-1So (	6010B	7439-92-1	Lead	92.1	mg/kg		11	192		
SB-06	723470.624	7834188.55	1/27/2009	1 - 3	SO	N	090127-SB-SB6-1-3So (	6010B	7439-92-1	Lead	6.8	mg/kg	J	11	192		
SB-07	723466.398	7834241.993	1/27/2009	0 - 1	SO	N	090127-SB-SB7-0-1So (	6010B	7439-92-1	Lead	99.4	mg/kg		11	192		
SB-07	723466.398	7834241.993	1/27/2009	1 - 3	SO	N	090127-SB-SB7-1-3So (	6010B	7439-92-1	Lead	14.8	mg/kg		11	192		
SB-08	723438.639	7834223.632	1/27/2009	0 - 1	SO	N	090127-SB-SB8-0-1So (	6010B	7439-92-1	Lead	53.9	mg/kg		11	192		
SB-08	723438.639	7834223.632	1/27/2009	1 - 3	SO	N	090127-SB-SB8-1-3So (	6010B	7439-92-1	Lead	7.9	mg/kg	J	11	192		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	6010	7429-90-5	Aluminum	2610	mg/kg	J	50	7392		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	6010	7440-39-3	Barium	23.5	mg/kg		330	1440		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	6010	7440-41-7	Beryllium	0.496	mg/kg	U	15	15		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	6010	7440-70-2	Calcium	1950	mg/kg	J				
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	6010	7440-47-3	Chromium	1300	mg/kg		0.29	0.29		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	6010	7440-48-4	Cobalt	24.3	mg/kg		2.2	2.2		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	6010	7440-50-8	Copper	37.3	mg/kg		28	298		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	6010	7439-89-6	Iron	33900	mg/kg		5280	5280		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	6010	7439-95-4	Magnesium	46700	mg/kg	J				
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	6010	7439-96-5	Manganese	537	mg/kg	J	173	173		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	6010	7440-02-0	Nickel	950	mg/kg		38	134		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	6010	7440-09-7	Potassium	138	mg/kg	J				
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	6010	7440-23-5	Sodium	496	mg/kg	U				
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	6010	7440-62-2	Vanadium	20.7	mg/kg		7.8	37		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	6010	7440-66-6	Zinc	93.3	mg/kg	J	46	2208		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	6020	7440-36-0	Antimony	0.788	mg/kg	U	0.27	3		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	6020	7440-38-2	Arsenic	2.84	mg/kg		0.43	0.43		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	6020	7440-43-9	Cadmium	0.728	mg/kg		0.36	0.68		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	6020	7439-92-1	Lead	127	mg/kg		11	192		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	6020	7782-49-2	Selenium	3.72	mg/kg	U	0.52	37		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	6020	7440-22-4	Silver	0.0744	mg/kg	J	4.2	37		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	6020	7440-28-0	Thallium	0.62	mg/kg	U	0.05	0.075		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	7471	7439-97-6	Mercury	0.047	mg/kg	U	0.013	1.1		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	8082	12674-11-2	Aroclor-1016	0.012	mg/kg	U	0.041	0.1		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	8082	11104-28-2	Aroclor-1221	0.012	mg/kg	U	0.041	0.19		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	8082	11141-16-5	Aroclor-1232	0.012	mg/kg	U	0.041	0.16		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	8082	53469-21-9	Aroclor-1242	0.012	mg/kg	U	0.041	0.22		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	8082	12672-29-6	Aroclor-1248	0.012	mg/kg	U	0.041	0.22		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	8082	11097-69-1	Aroclor-1254	0.012	mg/kg	U	0.029	0.029		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	8082	11096-82-5	Aroclor-1260	0.00563	mg/kg	J	0.041	0.23		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	NWTPH-DX	TPH-D	Diesel Range Organics	127	mg/kg		260	1100		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	NWTPH-DX	MOIL	Residual Range Organics	417	mg/kg		260	2800		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	PSEP Butyltins	1002-53-5	Dibutyltin	0.00223	mg/kg	U	1.8	1.8		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	PSEP Butyltins	78763-54-9	Monobutyltin	0.00297	mg/kg	U	2.2	2.2		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.00148	mg/kg	U	2.2	2.2		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	FD	011205SBB02SBG	PSEP Butyltins	688-73-3	Tributyltin	0.00297	mg/kg	U	2.2	2.2		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	6010	7429-90-5	Aluminum	2320	mg/kg	J	50	7392		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	6010	7440-39-3	Barium	21.3	mg/kg		330	1440		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	6010	7440-41-7	Beryllium	0.17	mg/kg	U	15	15		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	6010	7440-70-2	Calcium	1730	mg/kg	J				
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	6010	7440-47-3	Chromium	1130	mg/kg		0.29	0.29		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	6010	7440-48-4	Cobalt	25.6	mg/kg		2.2	2.2		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	6010	7440-50-8	Copper	27	mg/kg		28	298		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	6010	7439-89-6	Iron	30700	mg/kg		5280	5280		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	6010	7439-95-4	Magnesium	40300	mg/kg	J				
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	6010	7439-96-5	Manganese	481	mg/kg	J	173	173		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	6010	7440-02-0	Nickel	1080	mg/kg		38	134		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	6010	7440-09-7	Potassium	138	mg/kg	J				
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	6010	7440-23-5	Sodium	153	mg/kg	U				
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	6010	7440-62-2	Vanadium	21.4	mg/kg		7.8	37		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	6010	7440-66-6	Zinc	74.9	mg/kg	J	46	2208		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	6020	7440-36-0	Antimony	3.16	mg/kg	U	0.27	3		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	6020	7440-38-2	Arsenic	1.9	mg/kg		0.43	0.43		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	6020	7440-43-9	Cadmium	0.705	mg/kg		0.36	0.68		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	6020	7439-92-1	Lead	120	mg/kg		11	192		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	6020	7782-49-2	Selenium	0.407	mg/kg	U	0.52	37		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	6020	7440-22-4	Silver	0.059	mg/kg	J	4.2	37		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	6020	7440-28-0	Thallium	0.0622	mg/kg	J	0.05	0.075		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	7471	7439-97-6	Mercury	0.0301	mg/kg	U	0.013	1.1		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	8082	12674-11-2	Aroclor-1016	0.00128	mg/kg	U	0.041	0.1		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	8082	11104-28-2	Aroclor-1221	0.0055	mg/kg	U	0.041	0.19		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	8082	11141-16-5	Aroclor-1232	0.00439	mg/kg	U	0.041	0.16		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	8082	53469-21-9	Aroclor-1242	0.00235	mg/kg	U	0.041	0.22		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	8082	12672-29-6	Aroclor-1248	0.00584	mg/kg	U	0.041	0.22		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	8082	11097-69-1	Aroclor-1254	0.00182	mg/kg	U	0.029	0.029		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	8082	11096-82-5	Aroclor-1260	0.00724	mg/kg	J	0.041	0.23		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	NWTPH-DX	TPH-D	Diesel Range Organics	61	mg/kg		260	1100		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	NWTPH-DX	MOIL	Residual Range Organics	358	mg/kg		260	2800		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	PSEP Butyltins	1002-53-5	Dibutyltin	0.000589	mg/kg	U	1.8	1.8		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	PSEP Butyltins	78763-54-9	Monobutyltin	0.0013	mg/kg	U	2.2	2.2		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000455	mg/kg	U	2.2	2.2		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	PSEP Butyltins	688-73-3	Tributyltin	0.000938	mg/kg	U	2.2	2.2		
SBB01	723502.695	7834182.726	12/5/2001	0 - 0.5	SO	N	011205SBB01SBG	Tot_Aroclor_Calc	TPCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.00826	mg/kg		0.0073	0.23		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	6010	7429-90-5	Aluminum	5190	mg/kg		50	7392		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	6010	7440-39-3	Barium	119	mg/kg		330	1440		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	6010	7440-41-7	Beryllium	0.176	mg/kg	U	15	15		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	6010	7440-70-2	Calcium	2720	mg/kg					
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	6010	7440-47-3	Chromium	536	mg/kg		0.29	0.29		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	6010	7440-48-4	Cobalt	14.9	mg/kg		2.2	2.2		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	6010	7440-50-8	Copper	58.1	mg/kg		28	298		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	6010	7439-89-6	Iron	25200	mg/kg		5280	5280		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	6010	7439-95-4	Magnesium	19800	mg/kg					
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	6010	7439-96-5	Manganese	448	mg/kg		173	173		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	6010	7440-02-0	Nickel	382	mg/kg		38	134		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	6010	7440-09-7	Potassium	918	mg/kg					
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	6010	7440-23-5	Sodium	157	mg/kg	U				
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	6010	7440-62-2	Vanadium	29.2	mg/kg		7.8	37		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	6010	7440-66-6	Zinc	229	mg/kg		46	2208		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	6020	7440-36-0	Antimony	2.71	mg/kg	J	0.27	3		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	6020	7440-38-2	Arsenic	4.7	mg/kg		0.43	0.43		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	6020	7440-43-9	Cadmium	1.04	mg/kg		0.36	0.68		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	6020	7439-92-1	Lead	1200	mg/kg	J	11	192		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	6020	7782-49-2	Selenium	0.704	mg/kg	J	0.52	37		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	6020	7440-22-4	Silver	0.212	mg/kg	J	4.2	37		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	6020	7440-28-0	Thallium	0.0681	mg/kg	J	0.05	0.075		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	7471	7439-97-6	Mercury	0.0404	mg/kg	J	0.013	1.1		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	8082	12674-11-2	Aroclor-1016	0.00123	mg/kg	U	0.041	0.1		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	8082	11104-28-2	Aroclor-1221	0.00526	mg/kg	U	0.041	0.19		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	8082	11141-16-5	Aroclor-1232	0.0042	mg/kg	U	0.041	0.16		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	8082	53469-21-9	Aroclor-1242	0.00225	mg/kg	U	0.041	0.22		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	8082	12672-29-6	Aroclor-1248	0.00559	mg/kg	U	0.041	0.22		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	8082	11097-69-1	Aroclor-1254	0.00174	mg/kg	U	0.029	0.029		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	8082	11096-82-5	Aroclor-1260	0.0306	mg/kg		0.041	0.23		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	NWTPH-DX	TPH-D	Diesel Range Organics	31.6	mg/kg		260	1100		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	NWTPH-DX	MOIL	Residual Range Organics	224	mg/kg		260	2800		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	PSEP Butyltins	1002-53-5	Dibutyltin	0.0374	mg/kg		1.8	1.8		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	PSEP Butyltins	78763-54-9	Monobutyltin	0.0014	mg/kg	U	2.2	2.2		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000492	mg/kg	U	2.2	2.2		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	PSEP Butyltins	688-73-3	Tributyltin	0.0454	mg/kg		2.2	2.2		
SBB03	723532.935	7834208.024	12/5/2001	0 - 0.5	SO	N	011205SBB03SBG	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0323	mg/kg		0.0073	0.23		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	6010	7429-90-5	Aluminum	4640	mg/kg	J	50	7392		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	6010	7440-39-3	Barium	58.2	mg/kg		330	1440		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	6010	7440-41-7	Beryllium	0.177	mg/kg	U	15	15		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	6010	7440-70-2	Calcium	2590	mg/kg	J				
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	6010	7440-47-3	Chromium	358	mg/kg		0.29	0.29		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	6010	7440-48-4	Cobalt	9.44	mg/kg		2.2	2.2		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	6010	7440-50-8	Copper	28.6	mg/kg		28	298		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	6010	7439-89-6	Iron	19700	mg/kg		5280	5280		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	6010	7439-95-4	Magnesium	14000	mg/kg	J				
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	6010	7439-96-5	Manganese	285	mg/kg	J	173	173		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	6010	7440-02-0	Nickel	130	mg/kg		38	134		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	6010	7440-09-7	Potassium	338	mg/kg	J				
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	6010	7440-23-5	Sodium	159	mg/kg	U				
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	6010	7440-62-2	Vanadium	27	mg/kg		7.8	37		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	6010	7440-66-6	Zinc	113	mg/kg	J	46	2208		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	6020	7440-36-0	Antimony	3.29	mg/kg	U	0.27	3		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	6020	7440-38-2	Arsenic	5.93	mg/kg		0.43	0.43		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	6020	7440-43-9	Cadmium	0.663	mg/kg		0.36	0.68		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	6020	7439-92-1	Lead	262	mg/kg		11	192		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	6020	7782-49-2	Selenium	0.424	mg/kg	U	0.52	37		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	6020	7440-22-4	Silver	0.0976	mg/kg	J	4.2	37		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	6020	7440-28-0	Thallium	0.0987	mg/kg	J	0.05	0.075		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	7471	7439-97-6	Mercury	0.0423	mg/kg	J	0.013	1.1		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	8082	12674-11-2	Aroclor-1016	0.00119	mg/kg	U	0.041	0.1		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	8082	11104-28-2	Aroclor-1221	0.00508	mg/kg	U	0.041	0.19		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	8082	11141-16-5	Aroclor-1232	0.00406	mg/kg	U	0.041	0.16		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	8082	53469-21-9	Aroclor-1242	0.00217	mg/kg	U	0.041	0.22		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	8082	12672-29-6	Aroclor-1248	0.0054	mg/kg	U	0.041	0.22		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	8082	11097-69-1	Aroclor-1254	0.00168	mg/kg	U	0.029	0.029		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	8082	11096-82-5	Aroclor-1260	0.0177	mg/kg		0.041	0.23		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	NWTPH-DX	TPH-D	Diesel Range Organics	33.4	mg/kg		260	1100		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	NWTPH-DX	MOIL	Residual Range Organics	177	mg/kg		260	2800		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	PSEP Butyltins	1002-53-5	Dibutyltin	0.000653	mg/kg	U	1.8	1.8		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	PSEP Butyltins	78763-54-9	Monobutyltin	0.024	mg/kg		2.2	2.2		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000505	mg/kg	U	2.2	2.2		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	PSEP Butyltins	688-73-3	Tributyltin	0.0389	mg/kg		2.2	2.2		
SBB04	723520.016	7834245.207	12/5/2001	0 - 0.5	SO	N	011205SBB04SBG	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0194	mg/kg		0.0073	0.23		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	6010	7429-90-5	Aluminum	5690	mg/kg	J	50	7392		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	6010	7440-39-3	Barium	97	mg/kg		330	1440		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	6010	7440-41-7	Beryllium	0.191	mg/kg	U	15	15		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	6010	7440-70-2	Calcium	2700	mg/kg	J				
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	6010	7440-47-3	Chromium	69.7	mg/kg		0.29	0.29		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	6010	7440-48-4	Cobalt	7.97	mg/kg		2.2	2.2		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	6010	7440-50-8	Copper	25	mg/kg		28	298		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	6010	7439-89-6	Iron	17300	mg/kg		5280	5280		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	6010	7439-95-4	Magnesium	4000	mg/kg	J				
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	6010	7439-96-5	Manganese	290	mg/kg	J	173	173		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	6010	7440-02-0	Nickel	55.3	mg/kg		38	134		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	6010	7440-09-7	Potassium	894	mg/kg					
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	6010	7440-23-5	Sodium	171	mg/kg	U				
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	6010	7440-62-2	Vanadium	34.4	mg/kg		7.8	37		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	6010	7440-66-6	Zinc	83	mg/kg	J	46	2208		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	6020	7440-36-0	Antimony	3.54	mg/kg	U	0.27	3		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	6020	7440-38-2	Arsenic	3.04	mg/kg		0.43	0.43		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	6020	7440-43-9	Cadmium	0.649	mg/kg		0.36	0.68		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	6020	7439-92-1	Lead	300	mg/kg		11	192		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	6020	7782-49-2	Selenium	0.456	mg/kg	U	0.52	37		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	6020	7440-22-4	Silver	0.155	mg/kg	J	4.2	37		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	6020	7440-28-0	Thallium	0.0802	mg/kg	J	0.05	0.075		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	7471	7439-97-6	Mercury	0.03	mg/kg	U	0.013	1.1		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	8082	12674-11-2	Aroclor-1016	0.00129	mg/kg	U	0.041	0.1		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	8082	11104-28-2	Aroclor-1221	0.00553	mg/kg	U	0.041	0.19		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	8082	11141-16-5	Aroclor-1232	0.00442	mg/kg	U	0.041	0.16		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	8082	53469-21-9	Aroclor-1242	0.00236	mg/kg	U	0.041	0.22		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	8082	12672-29-6	Aroclor-1248	0.00587	mg/kg	U	0.041	0.22		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	8082	11097-69-1	Aroclor-1254	0.00183	mg/kg	U	0.029	0.029		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	8082	11096-82-5	Aroclor-1260	0.0237	mg/kg		0.041	0.23		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	NWTPH-DX	TPH-D	Diesel Range Organics	19.5	mg/kg	J	260	1100		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	NWTPH-DX	MOIL	Residual Range Organics	165	mg/kg		260	2800		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	PSEP Butyltins	1002-53-5	Dibutyltin	0.000755	mg/kg	U	1.8	1.8		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	PSEP Butyltins	78763-54-9	Monobutyltin	0.00166	mg/kg	U	2.2	2.2		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000583	mg/kg	U	2.2	2.2		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	PSEP Butyltins	688-73-3	Tributyltin	0.0012	mg/kg	U	2.2	2.2		
SBB05	723504.856	7834258.803	12/5/2001	0 - 0.5	SO	N	011205SBB05SBG	Tot_Aroclor_Calc	'PCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.0255	mg/kg		0.0073	0.23		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	6010	7429-90-5	Aluminum	2350	mg/kg		50	7392		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	6010	7440-39-3	Barium	27.7	mg/kg		330	1440		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	6010	7440-41-7	Beryllium	0.159	mg/kg	U	15	15		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	6010	7440-70-2	Calcium	1310	mg/kg					
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	6010	7440-47-3	Chromium	880	mg/kg		0.29	0.29		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	6010	7440-48-4	Cobalt	16.3	mg/kg		2.2	2.2		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	6010	7440-50-8	Copper	25	mg/kg		28	298		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	6010	7439-89-6	Iron	22100	mg/kg		5280	5280		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	6010	7439-95-4	Magnesium	31400	mg/kg					
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	6010	7439-96-5	Manganese	392	mg/kg		173	173		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	6010	7440-02-0	Nickel	597	mg/kg		38	134		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	6010	7440-09-7	Potassium	173	mg/kg	J				
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	6010	7440-23-5	Sodium	143	mg/kg	U				
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	6010	7440-62-2	Vanadium	12.5	mg/kg		7.8	37		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	6010	7440-66-6	Zinc	112	mg/kg		46	2208		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	6020	7440-36-0	Antimony	1.92	mg/kg	J	0.27	3		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	6020	7440-38-2	Arsenic	0.866	mg/kg	J	0.43	0.43		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	6020	7440-43-9	Cadmium	0.47	mg/kg	J	0.36	0.68		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	6020	7439-92-1	Lead	501	mg/kg	J	11	192		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	6020	7782-49-2	Selenium	0.38	mg/kg	U	0.52	37		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	6020	7440-22-4	Silver	0.114	mg/kg	J	4.2	37		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	6020	7440-28-0	Thallium	0.0551	mg/kg	J	0.05	0.075		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	7471	7439-97-6	Mercury	0.0425	mg/kg		0.013	1.1		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	8082	12674-11-2	Aroclor-1016	0.00125	mg/kg	U	0.041	0.1		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	8082	11104-28-2	Aroclor-1221	0.00537	mg/kg	U	0.041	0.19		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	8082	11141-16-5	Aroclor-1232	0.00429	mg/kg	U	0.041	0.16		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	8082	53469-21-9	Aroclor-1242	0.00229	mg/kg	U	0.041	0.22		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	8082	12672-29-6	Aroclor-1248	0.0057	mg/kg	U	0.041	0.22		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	8082	11097-69-1	Aroclor-1254	0.00178	mg/kg	U	0.029	0.029		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	8082	11096-82-5	Aroclor-1260	0.0155	mg/kg		0.041	0.23		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	NWTPH-DX	TPH-D	Diesel Range Organics	63.1	mg/kg		260	1100		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	NWTPH-DX	MOIL	Residual Range Organics	469	mg/kg		260	2800		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	PSEP Butyltins	1002-53-5	Dibutyltin	0.000695	mg/kg	U	1.8	1.8		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	PSEP Butyltins	78763-54-9	Monobutyltin	0.00153	mg/kg	U	2.2	2.2		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000537	mg/kg	U	2.2	2.2		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	PSEP Butyltins	688-73-3	Tributyltin	0.00111	mg/kg	U	2.2	2.2		
SBB06	723444.163	7834179.738	12/5/2001	0 - 0.5	SO	N	011205SBB06SBG	Tot_Aroclor_Calc	PCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.0173	mg/kg		0.0073	0.23		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	6010	7429-90-5	Aluminum	7890	mg/kg		50	7392		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	6010	7440-39-3	Barium	71.5	mg/kg		330	1440		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	6010	7440-41-7	Beryllium	0.218	mg/kg	J	15	15		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	6010	7440-70-2	Calcium	4640	mg/kg					
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	6010	7440-47-3	Chromium	126	mg/kg		0.29	0.29		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	6010	7440-48-4	Cobalt	11.5	mg/kg		2.2	2.2		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	6010	7440-50-8	Copper	56.1	mg/kg		28	298		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	6010	7439-89-6	Iron	21700	mg/kg		5280	5280		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	6010	7439-95-4	Magnesium	6010	mg/kg					
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	6010	7439-96-5	Manganese	376	mg/kg		173	173		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	6010	7440-02-0	Nickel	80.6	mg/kg		38	134		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	6010	7440-09-7	Potassium	647	mg/kg					
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	6010	7440-23-5	Sodium	228	mg/kg	U				
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	6010	7440-62-2	Vanadium	50.4	mg/kg		7.8	37		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	6010	7440-66-6	Zinc	105	mg/kg		46	2208		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	6020	7440-36-0	Antimony	2.08	mg/kg	J	0.27	3		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	6020	7440-38-2	Arsenic	5.64	mg/kg		0.43	0.43		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	6020	7440-43-9	Cadmium	0.979	mg/kg		0.36	0.68		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	6020	7439-92-1	Lead	114	mg/kg	J	11	192		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	6020	7782-49-2	Selenium	0.637	mg/kg	J	0.52	37		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	6020	7440-22-4	Silver	0.13	mg/kg	J	4.2	37		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	6020	7440-28-0	Thallium	0.0913	mg/kg	J	0.05	0.075		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	7471	7439-97-6	Mercury	0.0461	mg/kg	J	0.013	1.1		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	8082	12674-11-2	Aroclor-1016	0.013	mg/kg	U	0.041	0.1		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	8082	11104-28-2	Aroclor-1221	0.013	mg/kg	U	0.041	0.19		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	8082	11141-16-5	Aroclor-1232	0.013	mg/kg	U	0.041	0.16		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	8082	53469-21-9	Aroclor-1242	0.013	mg/kg	U	0.041	0.22		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	8082	12672-29-6	Aroclor-1248	0.013	mg/kg	U	0.041	0.22		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	8082	11097-69-1	Aroclor-1254	0.013	mg/kg	U	0.029	0.029		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	8082	11096-82-5	Aroclor-1260	0.00825	mg/kg	J	0.041	0.23		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	NWTPH-DX	TPH-D	Diesel Range Organics	23.5	mg/kg	J	260	1100		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	NWTPH-DX	MOIL	Residual Range Organics	118	mg/kg		260	2800		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	PSEP Butyltins	1002-53-5	Dibutyltin	0.00262	mg/kg	U	1.8	1.8		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	PSEP Butyltins	78763-54-9	Monobutyltin	0.00349	mg/kg	U	2.2	2.2		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.00175	mg/kg	U	2.2	2.2		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	FD	011205SBB08SBG	PSEP Butyltins	688-73-3	Tributyltin	0.00349	mg/kg	U	2.2	2.2		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	6010	7429-90-5	Aluminum	7350	mg/kg		50	7392		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	6010	7440-39-3	Barium	70.2	mg/kg		330	1440		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	6010	7440-41-7	Beryllium	0.222	mg/kg	U	15	15		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	6010	7440-70-2	Calcium	5470	mg/kg					
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	6010	7440-47-3	Chromium	127	mg/kg		0.29	0.29		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	6010	7440-48-4	Cobalt	12.3	mg/kg		2.2	2.2		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	6010	7440-50-8	Copper	56.2	mg/kg		28	298		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	6010	7439-89-6	Iron	21900	mg/kg		5280	5280		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	6010	7439-95-4	Magnesium	6340	mg/kg					
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	6010	7439-96-5	Manganese	407	mg/kg		173	173		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	6010	7440-02-0	Nickel	107	mg/kg		38	134		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	6010	7440-09-7	Potassium	554	mg/kg					
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	6010	7440-23-5	Sodium	199	mg/kg	U				
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	6010	7440-62-2	Vanadium	45	mg/kg		7.8	37		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	6010	7440-66-6	Zinc	109	mg/kg		46	2208		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	6020	7440-36-0	Antimony	3.12	mg/kg	J	0.27	3		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	6020	7440-38-2	Arsenic	4.6	mg/kg		0.43	0.43		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	6020	7440-43-9	Cadmium	1.1	mg/kg		0.36	0.68		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	6020	7439-92-1	Lead	124	mg/kg	J	11	192		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	6020	7782-49-2	Selenium	0.674	mg/kg	J	0.52	37		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	6020	7440-22-4	Silver	0.155	mg/kg	J	4.2	37		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	6020	7440-28-0	Thallium	0.111	mg/kg	J	0.05	0.075		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	7471	7439-97-6	Mercury	0.0313	mg/kg	U	0.013	1.1		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	8082	12674-11-2	Aroclor-1016	0.00147	mg/kg	U	0.041	0.1		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	8082	11104-28-2	Aroclor-1221	0.00631	mg/kg	U	0.041	0.19		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	8082	11141-16-5	Aroclor-1232	0.00504	mg/kg	U	0.041	0.16		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	8082	53469-21-9	Aroclor-1242	0.00269	mg/kg	U	0.041	0.22		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	8082	12672-29-6	Aroclor-1248	0.0067	mg/kg	U	0.041	0.22		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	8082	11097-69-1	Aroclor-1254	0.00209	mg/kg	U	0.029	0.029		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	8082	11096-82-5	Aroclor-1260	0.00332	mg/kg	J	0.041	0.23		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	NWTPH-DX	TPH-D	Diesel Range Organics	20.7	mg/kg	J	260	1100		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	NWTPH-DX	MOIL	Residual Range Organics	93.5	mg/kg		260	2800		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	PSEP Butyltins	1002-53-5	Dibutyltin	0.000887	mg/kg	U	1.8	1.8		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	PSEP Butyltins	78763-54-9	Monobutyltin	0.00195	mg/kg	U	2.2	2.2		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000685	mg/kg	U	2.2	2.2		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	PSEP Butyltins	688-73-3	Tributyltin	0.00141	mg/kg	U	2.2	2.2		
SBB07	723444.029	7834212.703	12/5/2001	0 - 0.5	SO	N	011205SBB07SBG	Tot_Aroclor_Calc	PCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.00781	mg/kg		0.0073	0.23		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	6010	7429-90-5	Aluminum	1660	mg/kg		50	7392		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	6010	7440-39-3	Barium	16.2	mg/kg		330	1440		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	6010	7440-41-7	Beryllium	0.166	mg/kg	U	15	15		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	6010	7440-70-2	Calcium	863	mg/kg					
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	6010	7440-47-3	Chromium	67.4	mg/kg		0.29	0.29		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	6010	7440-48-4	Cobalt	2.52	mg/kg		2.2	2.2		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	6010	7440-50-8	Copper	23.1	mg/kg		28	298		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	6010	7439-89-6	Iron	10100	mg/kg		5280	5280		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	6010	7439-95-4	Magnesium	1370	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	6010	7439-96-5	Manganese	171	mg/kg		173	173		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	6010	7440-02-0	Nickel	28.8	mg/kg		38	134		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	6010	7440-09-7	Potassium	172	mg/kg	J				
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	6010	7440-23-5	Sodium	149	mg/kg	U				
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	6010	7440-62-2	Vanadium	6.89	mg/kg		7.8	37		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	6010	7440-66-6	Zinc	129	mg/kg		46	2208		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	6020	7440-36-0	Antimony	1.28	mg/kg	J	0.27	3		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	6020	7440-38-2	Arsenic	2.12	mg/kg		0.43	0.43		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	6020	7440-43-9	Cadmium	0.895	mg/kg		0.36	0.68		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	6020	7439-92-1	Lead	502	mg/kg	J	11	192		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	6020	7782-49-2	Selenium	0.67	mg/kg	J	0.52	37		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	6020	7440-22-4	Silver	0.0627	mg/kg	J	4.2	37		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	6020	7440-28-0	Thallium	0.0487	mg/kg	U	0.05	0.075		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	7471	7439-97-6	Mercury	0.0269	mg/kg	U	0.013	1.1		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	8082	12674-11-2	Aroclor-1016	0.00122	mg/kg	U	0.041	0.1		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	8082	11104-28-2	Aroclor-1221	0.00523	mg/kg	U	0.041	0.19		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	8082	11141-16-5	Aroclor-1232	0.00417	mg/kg	U	0.041	0.16		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	8082	53469-21-9	Aroclor-1242	0.00223	mg/kg	U	0.041	0.22		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	8082	12672-29-6	Aroclor-1248	0.00555	mg/kg	U	0.041	0.22		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	8082	11097-69-1	Aroclor-1254	0.00173	mg/kg	U	0.029	0.029		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	8082	11096-82-5	Aroclor-1260	0.0818	mg/kg		0.041	0.23		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	NWTPH-DX	TPH-D	Diesel Range Organics	30.3	mg/kg		260	1100		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	NWTPH-DX	MOIL	Residual Range Organics	328	mg/kg		260	2800		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	PSEP Butyltins	1002-53-5	Dibutyltin	0.000721	mg/kg	U	1.8	1.8		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	PSEP Butyltins	78763-54-9	Monobutyltin	0.00159	mg/kg	U	2.2	2.2		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000557	mg/kg	U	2.2	2.2		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	PSEP Butyltins	688-73-3	Tributyltin	0.00115	mg/kg	U	2.2	2.2		
SBB09	723565.951	7834111.146	12/5/2001	0 - 0.5	SO	N	011205SBB09SBG	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0835	mg/kg		0.0073	0.23		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	6010	7429-90-5	Aluminum	1530	mg/kg		50	7392		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	6010	7440-39-3	Barium	27.2	mg/kg		330	1440		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	6010	7440-41-7	Beryllium	0.173	mg/kg	U	15	15		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	6010	7440-70-2	Calcium	1700	mg/kg					
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	6010	7440-47-3	Chromium	637	mg/kg		0.29	0.29		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	6010	7440-48-4	Cobalt	17.4	mg/kg		2.2	2.2		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	6010	7440-50-8	Copper	82.8	mg/kg		28	298		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	6010	7439-89-6	Iron	44500	mg/kg		5280	5280		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	6010	7439-95-4	Magnesium	19500	mg/kg					
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	6010	7439-96-5	Manganese	536	mg/kg		173	173		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	6010	7440-02-0	Nickel	844	mg/kg		38	134		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	6010	7440-09-7	Potassium	144	mg/kg	J				
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	6010	7440-23-5	Sodium	155	mg/kg	U				
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	6010	7440-62-2	Vanadium	21.9	mg/kg		7.8	37		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	6010	7440-66-6	Zinc	120	mg/kg		46	2208		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	6020	7440-36-0	Antimony	1.81	mg/kg	J	0.27	3		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	6020	7440-38-2	Arsenic	6.02	mg/kg		0.43	0.43		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	6020	7440-43-9	Cadmium	2.14	mg/kg		0.36	0.68		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	6020	7439-92-1	Lead	272	mg/kg	J	11	192		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	6020	7782-49-2	Selenium	0.412	mg/kg	U	0.52	37		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	6020	7440-22-4	Silver	0.102	mg/kg	J	4.2	37		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	6020	7440-28-0	Thallium	0.0505	mg/kg	U	0.05	0.075		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	7471	7439-97-6	Mercury	0.0285	mg/kg	U	0.013	1.1		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	8082	12674-11-2	Aroclor-1016	0.00118	mg/kg	U	0.041	0.1		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	8082	11104-28-2	Aroclor-1221	0.00504	mg/kg	U	0.041	0.19		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	8082	11141-16-5	Aroclor-1232	0.00402	mg/kg	U	0.041	0.16		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	8082	53469-21-9	Aroclor-1242	0.00215	mg/kg	U	0.041	0.22		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	8082	12672-29-6	Aroclor-1248	0.00535	mg/kg	U	0.041	0.22		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	8082	11097-69-1	Aroclor-1254	0.00167	mg/kg	U	0.029	0.029		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	8082	11096-82-5	Aroclor-1260	0.026	mg/kg		0.041	0.23		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	NWTPH-DX	TPH-D	Diesel Range Organics	66.4	mg/kg		260	1100		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	NWTPH-DX	MOIL	Residual Range Organics	448	mg/kg		260	2800		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	PSEP Butyltins	1002-53-5	Dibutyltin	0.000582	mg/kg	U	1.8	1.8		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	PSEP Butyltins	78763-54-9	Monobutyltin	0.00128	mg/kg	U	2.2	2.2		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000449	mg/kg	U	2.2	2.2		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	PSEP Butyltins	688-73-3	Tributyltin	0.000926	mg/kg	U	2.2	2.2		
SBB10	723496.793	7834148.731	12/5/2001	0 - 0.5	SO	N	011205SBB10SBG	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0277	mg/kg		0.0073	0.23		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	6010	7429-90-5	Aluminum	2440	mg/kg		50	7392		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	6010	7440-39-3	Barium	44.4	mg/kg		330	1440		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	6010	7440-41-7	Beryllium	0.179	mg/kg	U	15	15		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	6010	7440-70-2	Calcium	2500	mg/kg					
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	6010	7440-47-3	Chromium	648	mg/kg		0.29	0.29		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	6010	7440-48-4	Cobalt	14.3	mg/kg		2.2	2.2		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	6010	7440-50-8	Copper	73.7	mg/kg		28	298		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	6010	7439-89-6	Iron	39500	mg/kg		5280	5280		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	6010	7439-95-4	Magnesium	18600	mg/kg					
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	6010	7439-96-5	Manganese	518	mg/kg		173	173		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	6010	7440-02-0	Nickel	296	mg/kg		38	134		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	6010	7440-09-7	Potassium	236	mg/kg	J				
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	6010	7440-23-5	Sodium	161	mg/kg	U				
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	6010	7440-62-2	Vanadium	30	mg/kg		7.8	37		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	6010	7440-66-6	Zinc	176	mg/kg		46	2208		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	6020	7440-36-0	Antimony	2.74	mg/kg	J	0.27	3		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	6020	7440-38-2	Arsenic	4.64	mg/kg		0.43	0.43		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	6020	7440-43-9	Cadmium	1.45	mg/kg		0.36	0.68		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	6020	7439-92-1	Lead	415	mg/kg	J	11	192		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	6020	7782-49-2	Selenium	0.428	mg/kg	U	0.52	37		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	6020	7440-22-4	Silver	0.139	mg/kg	J	4.2	37		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	6020	7440-28-0	Thallium	0.0687	mg/kg	J	0.05	0.075		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	7471	7439-97-6	Mercury	0.038	mg/kg	J	0.013	1.1		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	8082	12674-11-2	Aroclor-1016	0.00117	mg/kg	U	0.041	0.1		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	8082	11104-28-2	Aroclor-1221	0.00502	mg/kg	U	0.041	0.19		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	8082	11141-16-5	Aroclor-1232	0.004	mg/kg	U	0.041	0.16		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	8082	53469-21-9	Aroclor-1242	0.00214	mg/kg	U	0.041	0.22		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	8082	12672-29-6	Aroclor-1248	0.00532	mg/kg	U	0.041	0.22		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	8082	11097-69-1	Aroclor-1254	0.00166	mg/kg	U	0.029	0.029		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	8082	11096-82-5	Aroclor-1260	0.0521	mg/kg		0.041	0.23		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	NWTPH-DX	TPH-D	Diesel Range Organics	46.4	mg/kg		260	1100		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	NWTPH-DX	MOIL	Residual Range Organics	321	mg/kg		260	2800		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	PSEP Butyltins	1002-53-5	Dibutyltin	0.000683	mg/kg	U	1.8	1.8		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	PSEP Butyltins	78763-54-9	Monobutyltin	0.00151	mg/kg	U	2.2	2.2		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000528	mg/kg	U	2.2	2.2		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	PSEP Butyltins	688-73-3	Tributyltin	0.00109	mg/kg	U	2.2	2.2		
SBB11	723482.624	7834139.285	12/5/2001	0 - 0.5	SO	N	011205SBB11SBG	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0538	mg/kg		0.0073	0.23		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6010	7429-90-5	Aluminum	4020	mg/kg		50	7392		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6010	7440-39-3	Barium	78.2	mg/kg		330	1440		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6010	7440-41-7	Beryllium	0.177	mg/kg	U	15	15		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6010	7440-70-2	Calcium	2750	mg/kg					
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6010	7440-47-3	Chromium	705	mg/kg		0.29	0.29		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6010	7440-48-4	Cobalt	15.1	mg/kg		2.2	2.2		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6010	7440-50-8	Copper	183	mg/kg		28	298		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6010	7439-89-6	Iron	39400	mg/kg		5280	5280		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6010	7439-95-4	Magnesium	13900	mg/kg					
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6010	7439-96-5	Manganese	464	mg/kg		173	173		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6010	7440-02-0	Nickel	347	mg/kg		38	134		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6010	7440-09-7	Potassium	323	mg/kg	J				
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6010	7440-23-5	Sodium	158	mg/kg	U				
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6010	7440-62-2	Vanadium	47.7	mg/kg		7.8	37		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6010	7440-66-6	Zinc	328	mg/kg		46	2208		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6020	7440-36-0	Antimony	13.7	mg/kg		0.27	3		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6020	7440-38-2	Arsenic	6.24	mg/kg		0.43	0.43		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6020	7440-43-9	Cadmium	2.19	mg/kg		0.36	0.68		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6020	7439-92-1	Lead	863	mg/kg	J	11	192		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6020	7782-49-2	Selenium	0.422	mg/kg	U	0.52	37		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6020	7440-22-4	Silver	0.259	mg/kg	J	4.2	37		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	6020	7440-28-0	Thallium	0.0557	mg/kg	J	0.05	0.075		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	7471	7439-97-6	Mercury	0.0425	mg/kg		0.013	1.1		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	8082	12674-11-2	Aroclor-1016	0.00124	mg/kg	U	0.041	0.1		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	8082	11104-28-2	Aroclor-1221	0.00532	mg/kg	U	0.041	0.19		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	8082	11141-16-5	Aroclor-1232	0.00424	mg/kg	U	0.041	0.16		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	8082	53469-21-9	Aroclor-1242	0.00227	mg/kg	U	0.041	0.22		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	8082	12672-29-6	Aroclor-1248	0.00564	mg/kg	U	0.041	0.22		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	8082	11097-69-1	Aroclor-1254	0.00176	mg/kg	U	0.029	0.029		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	8082	11096-82-5	Aroclor-1260	0.202	mg/kg		0.041	0.23		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	NWTPH-DX	TPH-D	Diesel Range Organics	53.4	mg/kg		260	1100		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	NWTPH-DX	MOIL	Residual Range Organics	511	mg/kg		260	2800		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	PSEP Butyltins	1002-53-5	Dibutyltin	0.000651	mg/kg	U	1.8	1.8		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	PSEP Butyltins	78763-54-9	Monobutyltin	0.00143	mg/kg	U	2.2	2.2		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000503	mg/kg	U	2.2	2.2		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	PSEP Butyltins	688-73-3	Tributyltin	0.00104	mg/kg	U	2.2	2.2		
SBB12	723461.168	7834076.127	12/5/2001	0 - 0.5	SO	N	011205SBB12SBG	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.204	mg/kg		0.0073	0.23		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	6010	7429-90-5	Aluminum	14100	mg/kg		50	7392		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	6010	7440-39-3	Barium	59.6	mg/kg		330	1440		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	6010	7440-41-7	Beryllium	0.525	mg/kg		15	15		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	6010	7440-70-2	Calcium	7470	mg/kg					
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	6010	7440-47-3	Chromium	21.7	mg/kg		0.29	0.29		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	6010	7440-48-4	Cobalt	19.7	mg/kg		2.2	2.2		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	6010	7440-50-8	Copper	73.7	mg/kg		28	298		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	6010	7439-89-6	Iron	41500	mg/kg		5280	5280		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	6010	7439-95-4	Magnesium	9.75	mg/kg	J				
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	6010	7439-96-5	Manganese	631	mg/kg		173	173		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	6010	7440-02-0	Nickel	27.8	mg/kg		38	134		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	6010	7440-09-7	Potassium	464	mg/kg	J				
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	6010	7440-23-5	Sodium	196	mg/kg	J				
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	6010	7440-62-2	Vanadium	73.7	mg/kg		7.8	37		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	6010	7440-66-6	Zinc	50.3	mg/kg		46	2208		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	6020	7440-36-0	Antimony	1.2	mg/kg	J	0.27	3		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	6020	7440-38-2	Arsenic	6.24	mg/kg		0.43	0.43		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	6020	7440-43-9	Cadmium	1.02	mg/kg		0.36	0.68		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	6020	7439-92-1	Lead	19.3	mg/kg	J	11	192		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	6020	7782-49-2	Selenium	0.678	mg/kg	J	0.52	37		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	6020	7440-22-4	Silver	0.174	mg/kg	J	4.2	37		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	6020	7440-28-0	Thallium	0.147	mg/kg	J	0.05	0.075		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	7471	7439-97-6	Mercury	0.0338	mg/kg	U	0.013	1.1		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	8082	12674-11-2	Aroclor-1016	0.00141	mg/kg	U	0.041	0.1		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	8082	11104-28-2	Aroclor-1221	0.00604	mg/kg	U	0.041	0.19		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	8082	11141-16-5	Aroclor-1232	0.00482	mg/kg	U	0.041	0.16		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	8082	53469-21-9	Aroclor-1242	0.00258	mg/kg	U	0.041	0.22		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	8082	12672-29-6	Aroclor-1248	0.00641	mg/kg	U	0.041	0.22		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	8082	11097-69-1	Aroclor-1254	0.002	mg/kg	U	0.029	0.029		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	8082	11096-82-5	Aroclor-1260	0.002	mg/kg	U	0.041	0.23		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	NWTPH-DX	TPH-D	Diesel Range Organics	22.1	mg/kg	J	260	1100		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	NWTPH-DX	MOIL	Residual Range Organics	124	mg/kg		260	2800		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	PSEP Butyltins	1002-53-5	Dibutyltin	0.000786	mg/kg	U	1.8	1.8		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	PSEP Butyltins	78763-54-9	Monobutyltin	0.00173	mg/kg	U	2.2	2.2		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000607	mg/kg	U	2.2	2.2		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	PSEP Butyltins	688-73-3	Tributyltin	0.00125	mg/kg	U	2.2	2.2		
SBB13	723497.778	7834100.992	12/5/2001	2 - 2	SO	N	011205SBB13SBG	Tot_Aroclor_Calc	PCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.004	mg/kg	U	0.0073	0.23		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	6010	7429-90-5	Aluminum	7570	mg/kg		50	7392		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	6010	7440-39-3	Barium	73.6	mg/kg		330	1440		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	6010	7440-41-7	Beryllium	0.184	mg/kg	J	15	15		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	6010	7440-70-2	Calcium	5360	mg/kg					
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	6010	7440-47-3	Chromium	55.9	mg/kg		0.29	0.29		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	6010	7440-48-4	Cobalt	11.6	mg/kg		2.2	2.2		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	6010	7440-50-8	Copper	58.3	mg/kg		28	298		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	6010	7439-89-6	Iron	22500	mg/kg		5280	5280		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	6010	7439-95-4	Magnesium	5850	mg/kg					
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	6010	7439-96-5	Manganese	281	mg/kg		173	173		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	6010	7440-02-0	Nickel	33.4	mg/kg		38	134		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	6010	7440-09-7	Potassium	636	mg/kg					
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	6010	7440-23-5	Sodium	173	mg/kg	J				
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	6010	7440-62-2	Vanadium	54.6	mg/kg		7.8	37		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	6010	7440-66-6	Zinc	74.5	mg/kg		46	2208		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	6020	7440-36-0	Antimony	1.19	mg/kg	J	0.27	3		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	6020	7440-38-2	Arsenic	3.14	mg/kg		0.43	0.43		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	6020	7440-43-9	Cadmium	1.26	mg/kg		0.36	0.68		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	6020	7439-92-1	Lead	508	mg/kg	J	11	192		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	6020	7782-49-2	Selenium	0.558	mg/kg	J	0.52	37		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	6020	7440-22-4	Silver	0.165	mg/kg	J	4.2	37		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	6020	7440-28-0	Thallium	0.118	mg/kg	J	0.05	0.075		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	7471	7439-97-6	Mercury	0.0363	mg/kg		0.013	1.1		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	8082	12674-11-2	Aroclor-1016	0.00124	mg/kg	U	0.041	0.1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	8082	11104-28-2	Aroclor-1221	0.00532	mg/kg	U	0.041	0.19		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	8082	11141-16-5	Aroclor-1232	0.00424	mg/kg	U	0.041	0.16		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	8082	53469-21-9	Aroclor-1242	0.00227	mg/kg	U	0.041	0.22		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	8082	12672-29-6	Aroclor-1248	0.00564	mg/kg	U	0.041	0.22		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	8082	11097-69-1	Aroclor-1254	0.00176	mg/kg	U	0.029	0.029		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	8082	11096-82-5	Aroclor-1260	0.00495	mg/kg	J	0.041	0.23		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	NWTPH-DX	TPH-D	Diesel Range Organics	39.8	mg/kg		260	1100		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	NWTPH-DX	MOIL	Residual Range Organics	369	mg/kg		260	2800		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	PSEP Butyltins	1002-53-5	Dibutyltin	0.000613	mg/kg	U	1.8	1.8		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	PSEP Butyltins	78763-54-9	Monobutyltin	0.00135	mg/kg	U	2.2	2.2		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000473	mg/kg	U	2.2	2.2		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	PSEP Butyltins	688-73-3	Tributyltin	0.000975	mg/kg	U	2.2	2.2		
SBB14	723445.276	7834054.503	12/5/2001	2 - 2	SO	N	011205SBB14SBG	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.00671	mg/kg		0.0073	0.23		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6010	7429-90-5	Aluminum	1830	mg/kg		50	7392		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6010	7440-39-3	Barium	26	mg/kg		330	1440		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6010	7440-41-7	Beryllium	0.147	mg/kg	U	15	15		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6010	7440-70-2	Calcium	1170	mg/kg					
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6010	7440-47-3	Chromium	1100	mg/kg		0.29	0.29		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6010	7440-48-4	Cobalt	13.9	mg/kg		2.2	2.2		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6010	7440-50-8	Copper	23.4	mg/kg		28	298		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6010	7439-89-6	Iron	24200	mg/kg		5280	5280		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6010	7439-95-4	Magnesium	32600	mg/kg					
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6010	7439-96-5	Manganese	413	mg/kg		173	173		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6010	7440-02-0	Nickel	444	mg/kg		38	134		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6010	7440-09-7	Potassium	74.9	mg/kg	J				
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6010	7440-23-5	Sodium	132	mg/kg	U				
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6010	7440-62-2	Vanadium	12.7	mg/kg		7.8	37		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6010	7440-66-6	Zinc	1160	mg/kg		46	2208		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6020	7440-36-0	Antimony	1.14	mg/kg	J	0.27	3		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6020	7440-38-2	Arsenic	0.794	mg/kg	J	0.43	0.43		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6020	7440-43-9	Cadmium	2.61	mg/kg		0.36	0.68		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6020	7439-92-1	Lead	280	mg/kg	J	11	192		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6020	7782-49-2	Selenium	0.351	mg/kg	U	0.52	37		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6020	7440-22-4	Silver	0.044	mg/kg	U	4.2	37		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	6020	7440-28-0	Thallium	0.0429	mg/kg	U	0.05	0.075		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	7471	7439-97-6	Mercury	0.0281	mg/kg	U	0.013	1.1		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	8082	12674-11-2	Aroclor-1016	0.00109	mg/kg	U	0.041	0.1		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	8082	11104-28-2	Aroclor-1221	0.00466	mg/kg	U	0.041	0.19		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	8082	11141-16-5	Aroclor-1232	0.00372	mg/kg	U	0.041	0.16		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	8082	53469-21-9	Aroclor-1242	0.00199	mg/kg	U	0.041	0.22		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	8082	12672-29-6	Aroclor-1248	0.00495	mg/kg	U	0.041	0.22		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	8082	11097-69-1	Aroclor-1254	0.00154	mg/kg	U	0.029	0.029		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	8082	11096-82-5	Aroclor-1260	0.064	mg/kg		0.041	0.23		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	NWTPH-DX	TPH-D	Diesel Range Organics	740	mg/kg		260	1100		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	NWTPH-DX	MOIL	Residual Range Organics	325	mg/kg		260	2800		
SBB15	723527.781	7834149.808	12/5/2001	0 - 0.5	SO	N	011205SBB15SBG	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0655	mg/kg		0.0073	0.23		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	6010	7429-90-5	Aluminum	7130	mg/kg		50	7392		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	6010	7440-39-3	Barium	59.4	mg/kg		330	1440		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	6010	7440-41-7	Beryllium	0.351	mg/kg	J	15	15		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	6010	7440-70-2	Calcium	4300	mg/kg					

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	6010	7440-47-3	Chromium	21.9	mg/kg		0.29	0.29		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	6010	7440-48-4	Cobalt	11.5	mg/kg		2.2	2.2		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	6010	7440-50-8	Copper	45.7	mg/kg		28	298		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	6010	7439-89-6	Iron	19000	mg/kg		5280	5280		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	6010	7439-95-4	Magnesium	5160	mg/kg					
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	6010	7439-96-5	Manganese	399	mg/kg		173	173		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	6010	7440-02-0	Nickel	18.8	mg/kg		38	134		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	6010	7440-09-7	Potassium	551	mg/kg					
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	6010	7440-23-5	Sodium	158	mg/kg	U				
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	6010	7440-62-2	Vanadium	36.9	mg/kg		7.8	37		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	6010	7440-66-6	Zinc	58.2	mg/kg		46	2208		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	6020	7440-36-0	Antimony	0.51	mg/kg	J	0.27	3		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	6020	7440-38-2	Arsenic	3.91	mg/kg		0.43	0.43		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	6020	7440-43-9	Cadmium	0.613	mg/kg		0.36	0.68		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	6020	7439-92-1	Lead	134	mg/kg	J	11	192		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	6020	7782-49-2	Selenium	0.511	mg/kg	J	0.52	37		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	6020	7440-22-4	Silver	0.0882	mg/kg	J	4.2	37		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	6020	7440-28-0	Thallium	0.0915	mg/kg	J	0.05	0.075		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	7471	7439-97-6	Mercury	0.0406	mg/kg	J	0.013	1.1		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	8082	12674-11-2	Aroclor-1016	0.00122	mg/kg	U	0.041	0.1		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	8082	11104-28-2	Aroclor-1221	0.00521	mg/kg	U	0.041	0.19		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	8082	11141-16-5	Aroclor-1232	0.00416	mg/kg	U	0.041	0.16		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	8082	53469-21-9	Aroclor-1242	0.00223	mg/kg	U	0.041	0.22		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	8082	12672-29-6	Aroclor-1248	0.00554	mg/kg	U	0.041	0.22		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	8082	11097-69-1	Aroclor-1254	0.00173	mg/kg	U	0.029	0.029		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	8082	11096-82-5	Aroclor-1260	0.0208	mg/kg		0.041	0.23		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	NWTPH-DX	TPH-D	Diesel Range Organics	972	mg/kg		260	1100		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	NWTPH-DX	MOIL	Residual Range Organics	158	mg/kg		260	2800		
SBB15	723527.781	7834149.808	12/5/2001	1 - 1	SO	N	011205SBB21SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0225	mg/kg		0.0073	0.23		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	6010	7429-90-5	Aluminum	2390	mg/kg		50	7392		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	6010	7440-39-3	Barium	63.1	mg/kg		330	1440		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	6010	7440-41-7	Beryllium	0.155	mg/kg	U	15	15		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	6010	7440-70-2	Calcium	1070	mg/kg					
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	6010	7440-47-3	Chromium	783	mg/kg		0.29	0.29		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	6010	7440-48-4	Cobalt	13.7	mg/kg		2.2	2.2		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	6010	7440-50-8	Copper	36.7	mg/kg		28	298		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	6010	7439-89-6	Iron	22800	mg/kg		5280	5280		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	6010	7439-95-4	Magnesium	22000	mg/kg					
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	6010	7439-96-5	Manganese	350	mg/kg		173	173		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	6010	7440-02-0	Nickel	586	mg/kg		38	134		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	6010	7440-09-7	Potassium	105	mg/kg	J				
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	6010	7440-23-5	Sodium	139	mg/kg	U				
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	6010	7440-62-2	Vanadium	8.66	mg/kg		7.8	37		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	6010	7440-66-6	Zinc	230	mg/kg		46	2208		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	6020	7440-36-0	Antimony	1.13	mg/kg	J	0.27	3		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	6020	7440-38-2	Arsenic	2.89	mg/kg		0.43	0.43		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	6020	7440-43-9	Cadmium	1.04	mg/kg		0.36	0.68		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	6020	7439-92-1	Lead	783	mg/kg	J	11	192		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	6020	7782-49-2	Selenium	0.586	mg/kg	J	0.52	37		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	6020	7440-22-4	Silver	0.0596	mg/kg	J	4.2	37		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	6020	7440-28-0	Thallium	0.0455	mg/kg	U	0.05	0.075		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	7471	7439-97-6	Mercury	0.0335	mg/kg	J	0.013	1.1		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	8082	12674-11-2	Aroclor-1016	0.00118	mg/kg	U	0.041	0.1		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	8082	11104-28-2	Aroclor-1221	0.00507	mg/kg	U	0.041	0.19		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	8082	11141-16-5	Aroclor-1232	0.00405	mg/kg	U	0.041	0.16		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	8082	53469-21-9	Aroclor-1242	0.00216	mg/kg	U	0.041	0.22		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	8082	12672-29-6	Aroclor-1248	0.00539	mg/kg	U	0.041	0.22		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	8082	11097-69-1	Aroclor-1254	0.00168	mg/kg	U	0.029	0.029		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	8082	11096-82-5	Aroclor-1260	0.193	mg/kg		0.041	0.23		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	NWTPH-DX	TPH-D	Diesel Range Organics	107	mg/kg		260	1100		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	NWTPH-DX	MOIL	Residual Range Organics	1340	mg/kg		260	2800		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	PSEP Butyltins	1002-53-5	Dibutyltin	0.0645	mg/kg		1.8	1.8		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	PSEP Butyltins	78763-54-9	Monobutyltin	0.00878	mg/kg		2.2	2.2		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000531	mg/kg	U	2.2	2.2		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	PSEP Butyltins	688-73-3	Tributyltin	0.0236	mg/kg		2.2	2.2		
SBB16	723514.956	7834019.906	12/5/2001	0 - 0.5	SO	N	011205SBB16SBG	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.195	mg/kg		0.0073	0.23		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	6010	7429-90-5	Aluminum	8430	mg/kg		50	7392		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	6010	7440-39-3	Barium	51	mg/kg		330	1440		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	6010	7440-41-7	Beryllium	0.318	mg/kg	J	15	15		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	6010	7440-70-2	Calcium	5310	mg/kg					
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	6010	7440-47-3	Chromium	51.8	mg/kg		0.29	0.29		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	6010	7440-48-4	Cobalt	12.1	mg/kg		2.2	2.2		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	6010	7440-50-8	Copper	57	mg/kg		28	298		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	6010	7439-89-6	Iron	22600	mg/kg		5280	5280		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	6010	7439-95-4	Magnesium	6660	mg/kg					
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	6010	7439-96-5	Manganese	372	mg/kg		173	173		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	6010	7440-02-0	Nickel	32.2	mg/kg		38	134		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	6010	7440-09-7	Potassium	566	mg/kg					
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	6010	7440-23-5	Sodium	171	mg/kg	U				
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	6010	7440-62-2	Vanadium	33	mg/kg		7.8	37		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	6010	7440-66-6	Zinc	94.2	mg/kg		46	2208		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	6020	7440-36-0	Antimony	0.832	mg/kg	J	0.27	3		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	6020	7440-38-2	Arsenic	4.51	mg/kg		0.43	0.43		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	6020	7440-43-9	Cadmium	1.27	mg/kg		0.36	0.68		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	6020	7439-92-1	Lead	390	mg/kg	J	11	192		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	6020	7782-49-2	Selenium	0.642	mg/kg	J	0.52	37		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	6020	7440-22-4	Silver	0.117	mg/kg	J	4.2	37		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	6020	7440-28-0	Thallium	0.0981	mg/kg	J	0.05	0.075		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	7471	7439-97-6	Mercury	0.056	mg/kg		0.013	1.1		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	8082	12674-11-2	Aroclor-1016	0.00133	mg/kg	U	0.041	0.1		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	8082	11104-28-2	Aroclor-1221	0.0057	mg/kg	U	0.041	0.19		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	8082	11141-16-5	Aroclor-1232	0.00455	mg/kg	U	0.041	0.16		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	8082	53469-21-9	Aroclor-1242	0.00243	mg/kg	U	0.041	0.22		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	8082	12672-29-6	Aroclor-1248	0.00605	mg/kg	U	0.041	0.22		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	8082	11097-69-1	Aroclor-1254	0.00189	mg/kg	U	0.029	0.029		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	8082	11096-82-5	Aroclor-1260	0.0134	mg/kg		0.041	0.23		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	NWTPH-DX	TPH-D	Diesel Range Organics	23.6	mg/kg	J	260	1100		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	NWTPH-DX	MOIL	Residual Range Organics	98.4	mg/kg		260	2800		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	PSEP Butyltins	1002-53-5	Dibutyltin	0.000799	mg/kg	U	1.8	1.8		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	PSEP Butyltins	78763-54-9	Monobutyltin	0.00176	mg/kg	U	2.2	2.2		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000618	mg/kg	U	2.2	2.2		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	PSEP Butyltins	688-73-3	Tributyltin	0.00127	mg/kg	U	2.2	2.2		
SBB16	723514.956	7834019.906	12/6/2001	1.5 - 1.5	SO	N	011206SBB22ss	Tot_Aroclor_Calc	'PCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.0153	mg/kg		0.0073	0.23		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	6010	7429-90-5	Aluminum	4880	mg/kg		50	7392		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	6010	7440-39-3	Barium	54.7	mg/kg		330	1440		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	6010	7440-41-7	Beryllium	0.191	mg/kg	U	15	15		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	6010	7440-70-2	Calcium	2630	mg/kg					
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	6010	7440-47-3	Chromium	625	mg/kg		0.29	0.29		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	6010	7440-48-4	Cobalt	15	mg/kg		2.2	2.2		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	6010	7440-50-8	Copper	25.1	mg/kg		28	298		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	6010	7439-89-6	Iron	22200	mg/kg		5280	5280		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	6010	7439-95-4	Magnesium	22300	mg/kg					
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	6010	7439-96-5	Manganese	408	mg/kg		173	173		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	6010	7440-02-0	Nickel	399	mg/kg		38	134		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	6010	7440-09-7	Potassium	330	mg/kg	J				
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	6010	7440-23-5	Sodium	171	mg/kg	U				
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	6010	7440-62-2	Vanadium	25.3	mg/kg		7.8	37		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	6010	7440-66-6	Zinc	145	mg/kg		46	2208		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	6020	7440-36-0	Antimony	0.858	mg/kg	J	0.27	3		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	6020	7440-38-2	Arsenic	1.52	mg/kg		0.43	0.43		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	6020	7440-43-9	Cadmium	0.677	mg/kg		0.36	0.68		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	6020	7439-92-1	Lead	516	mg/kg	J	11	192		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	6020	7782-49-2	Selenium	0.455	mg/kg	U	0.52	37		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	6020	7440-22-4	Silver	0.0813	mg/kg	J	4.2	37		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	6020	7440-28-0	Thallium	0.0558	mg/kg	U	0.05	0.075		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	7471	7439-97-6	Mercury	0.0345	mg/kg	J	0.013	1.1		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	8082	12674-11-2	Aroclor-1016	0.00123	mg/kg	U	0.041	0.1		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	8082	11104-28-2	Aroclor-1221	0.00528	mg/kg	U	0.041	0.19		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	8082	11141-16-5	Aroclor-1232	0.00421	mg/kg	U	0.041	0.16		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	8082	53469-21-9	Aroclor-1242	0.00225	mg/kg	U	0.041	0.22		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	8082	12672-29-6	Aroclor-1248	0.0056	mg/kg	U	0.041	0.22		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	8082	11097-69-1	Aroclor-1254	0.00175	mg/kg	U	0.029	0.029		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	8082	11096-82-5	Aroclor-1260	0.0187	mg/kg		0.041	0.23		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	NWTPH-DX	TPH-D	Diesel Range Organics	45.7	mg/kg		260	1100		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	NWTPH-DX	MOIL	Residual Range Organics	328	mg/kg		260	2800		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	PSEP Butyltins	1002-53-5	Dibutyltin	0.000706	mg/kg	U	1.8	1.8		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	PSEP Butyltins	78763-54-9	Monobutyltin	0.008	mg/kg		2.2	2.2		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000546	mg/kg	U	2.2	2.2		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	PSEP Butyltins	688-73-3	Tributyltin	0.0392	mg/kg		2.2	2.2		
SBB17	723422.747	7834163.284	12/5/2001	0 - 0.5	SO	N	011205SBB17SBG	Tot_Aroclor_Calc	'PCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.0205	mg/kg		0.0073	0.23		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	6010	7429-90-5	Aluminum	9760	mg/kg		50	7392		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	6010	7440-39-3	Barium	82.1	mg/kg		330	1440		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	6010	7440-41-7	Beryllium	0.482	mg/kg	J	15	15		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	6010	7440-70-2	Calcium	4460	mg/kg					
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	6010	7440-47-3	Chromium	53.4	mg/kg		0.29	0.29		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	6010	7440-48-4	Cobalt	15.1	mg/kg		2.2	2.2		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	6010	7440-50-8	Copper	45.3	mg/kg		28	298		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	6010	7439-89-6	Iron	19800	mg/kg		5280	5280		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	6010	7439-95-4	Magnesium	5480	mg/kg					
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	6010	7439-96-5	Manganese	323	mg/kg		173	173		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	6010	7440-02-0	Nickel	40.7	mg/kg		38	134		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	6010	7440-09-7	Potassium	602	mg/kg					
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	6010	7440-23-5	Sodium	195	mg/kg	U				
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	6010	7440-62-2	Vanadium	53.5	mg/kg		7.8	37		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	6010	7440-66-6	Zinc	62.6	mg/kg		46	2208		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	6020	7440-36-0	Antimony	1.06	mg/kg	J	0.27	3		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	6020	7440-38-2	Arsenic	4.8	mg/kg		0.43	0.43		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	6020	7440-43-9	Cadmium	0.978	mg/kg		0.36	0.68		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	6020	7439-92-1	Lead	31.9	mg/kg	J	11	192		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	6020	7782-49-2	Selenium	0.835	mg/kg	J	0.52	37		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	6020	7440-22-4	Silver	0.265	mg/kg	J	4.2	37		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	6020	7440-28-0	Thallium	0.129	mg/kg	J	0.05	0.075		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	7471	7439-97-6	Mercury	0.0341	mg/kg	J	0.013	1.1		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	8082	12674-11-2	Aroclor-1016	0.00138	mg/kg	U	0.041	0.1		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	8082	11104-28-2	Aroclor-1221	0.00589	mg/kg	U	0.041	0.19		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	8082	11141-16-5	Aroclor-1232	0.0047	mg/kg	U	0.041	0.16		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	8082	53469-21-9	Aroclor-1242	0.00251	mg/kg	U	0.041	0.22		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	8082	12672-29-6	Aroclor-1248	0.00626	mg/kg	U	0.041	0.22		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	8082	11097-69-1	Aroclor-1254	0.00195	mg/kg	U	0.029	0.029		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	8082	11096-82-5	Aroclor-1260	0.00417	mg/kg	J	0.041	0.23		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	NWTPH-DX	TPH-D	Diesel Range Organics	21.2	mg/kg	J	260	1100		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	NWTPH-DX	MOIL	Residual Range Organics	45.6	mg/kg	J	260	2800		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.000769	mg/kg	U	1.8	1.8		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.00169	mg/kg	U	2.2	2.2		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000594	mg/kg	U	2.2	2.2		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	PSEP Butyltins	688-73-3	Tributyltin	0.00122	mg/kg	U	2.2	2.2		
SBB17	723422.747	7834163.284	12/5/2001	3 - 3	SO	N	011205SBB19SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.00612	mg/kg		0.0073	0.23		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6010	7429-90-5	Aluminum	7650	mg/kg		50	7392		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6010	7440-39-3	Barium	118	mg/kg		330	1440		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6010	7440-41-7	Beryllium	0.181	mg/kg	U	15	15		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6010	7440-70-2	Calcium	15100	mg/kg					
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6010	7440-47-3	Chromium	533	mg/kg		0.29	0.29		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6010	7440-48-4	Cobalt	19.3	mg/kg		2.2	2.2		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6010	7440-50-8	Copper	319	mg/kg		28	298		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6010	7439-89-6	Iron	39000	mg/kg		5280	5280		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6010	7439-95-4	Magnesium	19600	mg/kg					
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6010	7439-96-5	Manganese	674	mg/kg		173	173		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6010	7440-02-0	Nickel	321	mg/kg		38	134		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6010	7440-09-7	Potassium	1020	mg/kg					
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6010	7440-23-5	Sodium	163	mg/kg	U				
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6010	7440-62-2	Vanadium	34.4	mg/kg		7.8	37		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6010	7440-66-6	Zinc	703	mg/kg		46	2208		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6020	7440-36-0	Antimony	9.51	mg/kg		0.27	3		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6020	7440-38-2	Arsenic	80.9	mg/kg		0.43	0.43		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6020	7440-43-9	Cadmium	1.42	mg/kg		0.36	0.68		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6020	7439-92-1	Lead	258	mg/kg	J	11	192		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6020	7782-49-2	Selenium	0.675	mg/kg	J	0.52	37		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6020	7440-22-4	Silver	0.268	mg/kg	J	4.2	37		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	6020	7440-28-0	Thallium	0.114	mg/kg	J	0.05	0.075		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	7471	7439-97-6	Mercury	0.0275	mg/kg	U	0.013	1.1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	8082	12674-11-2	Aroclor-1016	0.0012	mg/kg	U	0.041	0.1		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	8082	11104-28-2	Aroclor-1221	0.00515	mg/kg	U	0.041	0.19		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	8082	11141-16-5	Aroclor-1232	0.00411	mg/kg	U	0.041	0.16		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	8082	53469-21-9	Aroclor-1242	0.0022	mg/kg	U	0.041	0.22		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	8082	12672-29-6	Aroclor-1248	0.00546	mg/kg	U	0.041	0.22		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	8082	11097-69-1	Aroclor-1254	0.0017	mg/kg	U	0.029	0.029		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	8082	11096-82-5	Aroclor-1260	0.0174	mg/kg		0.041	0.23		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	NWTPH-DX	TPH-D	Diesel Range Organics	69	mg/kg		260	1100		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	NWTPH-DX	MOIL	Residual Range Organics	523	mg/kg		260	2800		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	PSEP Butyltins	1002-53-5	Dibutyltin	0.21	mg/kg	J	1.8	1.8		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	PSEP Butyltins	78763-54-9	Monobutyltin	0.108	mg/kg	J	2.2	2.2		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.00399	mg/kg	J	2.2	2.2		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	PSEP Butyltins	688-73-3	Tributyltin	1.86	mg/kg	J	2.2	2.2		
SBB18	723398.596	7834129.785	12/5/2001	0 - 0.5	SO	N	011205SBB18SBG	Tot_Aroclor_Calc	TPCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.0191	mg/kg		0.0073	0.23		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	6010	7429-90-5	Aluminum	16000	mg/kg	J	50	7392		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	6010	7440-39-3	Barium	112	mg/kg		330	1440		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	6010	7440-41-7	Beryllium	0.598	mg/kg		15	15		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	6010	7440-70-2	Calcium	7670	mg/kg	J				
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	6010	7440-47-3	Chromium	25.1	mg/kg		0.29	0.29		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	6010	7440-48-4	Cobalt	16.3	mg/kg		2.2	2.2		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	6010	7440-50-8	Copper	65.7	mg/kg		28	298		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	6010	7439-89-6	Iron	33600	mg/kg		5280	5280		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	6010	7439-95-4	Magnesium	11400	mg/kg	J				
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	6010	7439-96-5	Manganese	585	mg/kg	J	173	173		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	6010	7440-02-0	Nickel	23.9	mg/kg		38	134		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	6010	7440-09-7	Potassium	644	mg/kg					
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	6010	7440-23-5	Sodium	219	mg/kg	J				
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	6010	7440-62-2	Vanadium	72.4	mg/kg		7.8	37		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	6010	7440-66-6	Zinc	77.6	mg/kg	J	46	2208		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	6020	7440-36-0	Antimony	4.01	mg/kg	U	0.27	3		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	6020	7440-38-2	Arsenic	1.64	mg/kg		0.43	0.43		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	6020	7440-43-9	Cadmium	0.867	mg/kg		0.36	0.68		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	6020	7439-92-1	Lead	31.2	mg/kg		11	192		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	6020	7782-49-2	Selenium	0.517	mg/kg	U	0.52	37		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	6020	7440-22-4	Silver	0.146	mg/kg	J	4.2	37		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	6020	7440-28-0	Thallium	0.11	mg/kg	J	0.05	0.075		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	7471	7439-97-6	Mercury	0.153	mg/kg		0.013	1.1		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8082	12674-11-2	Aroclor-1016	0.00145	mg/kg	U	0.041	0.1		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8082	11104-28-2	Aroclor-1221	0.00621	mg/kg	U	0.041	0.19		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8082	11141-16-5	Aroclor-1232	0.00495	mg/kg	U	0.041	0.16		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8082	53469-21-9	Aroclor-1242	0.00265	mg/kg	U	0.041	0.22		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8082	12672-29-6	Aroclor-1248	0.00659	mg/kg	U	0.041	0.22		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8082	11097-69-1	Aroclor-1254	0.00206	mg/kg	U	0.029	0.029		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8082	11096-82-5	Aroclor-1260	0.00206	mg/kg	U	0.041	0.23		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	630-20-6	1,1,1,2-Tetrachloroethane	1.2	mg/kg	U	0.07	1.9		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	71-55-6	1,1,1-Trichloroethane	1.8	mg/kg	U	260	778		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	79-34-5	1,1,2,2-Tetrachloroethane	2.5	mg/kg	U	0.13	0.58		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	79-00-5	1,1,2-Trichloroethane	2.5	mg/kg	U	0.14	0.14		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	75-34-3	1,1-Dichloroethane	2.5	mg/kg	U	3.5	3.5		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	75-35-4	1,1-Dichloroethene	3	mg/kg	U	11	22		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	563-58-6	1,1-Dichloropropene	2.5	mg/kg	U	0.001	1.7		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	87-61-6	1,2,3-Trichlorobenzene	2.8	mg/kg	U	6	6		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	96-18-4	1,2,3-Trichloropropane	2.8	mg/kg	U	0.0049	0.0049		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	120-82-1	1,2,4-Trichlorobenzene	1.8	mg/kg	U	0.27	5.6		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	95-63-6	1,2,4-Trimethylbenzene	12	mg/kg		0.09	29		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	3.8	mg/kg	U	0.0051	0.0051		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	106-93-4	1,2-Dibromoethane (EDB)	1.8	mg/kg	U	0.035	0.035		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	95-50-1	1,2-Dichlorobenzene	2.5	mg/kg	U	0.92	173		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	107-06-2	1,2-Dichloroethane	1.8	mg/kg	U	0.44	0.44		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	78-87-5	1,2-Dichloropropane	2.5	mg/kg	U	0.28	1.5		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	108-67-8	1,3,5-Trimethylbenzene	6.5	mg/kg		0.16	26		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	541-73-1	1,3-Dichlorobenzene	1.8	mg/kg	U	0.74	2.5		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	142-28-9	1,3-Dichloropropane	2.5	mg/kg	U	0.28	154		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	106-46-7	1,4-Dichlorobenzene	2.5	mg/kg	U	0.89	2.5		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	594-20-7	2,2-Dichloropropane	1.5	mg/kg	U	0.28	1.5		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	95-49-8	2-Chlorotoluene	1.8	mg/kg	U	154	154		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	591-78-6	2-Hexanone	7.5	mg/kg	U	0.36	19		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	106-43-4	4-Chlorotoluene	1.8	mg/kg	U	154	154		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	67-64-1	Acetone	10	mg/kg	U	1.2	6720		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	71-43-2	Benzene	2.5	mg/kg	U	1.2	1.2		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	108-86-1	Bromobenzene	1.8	mg/kg	U	28	28		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	74-97-5	Bromochloromethane	1.9	mg/kg	U	3.4	3.4		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	75-27-4	Bromodichloromethane	2.5	mg/kg	U	0.28	0.28		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	75-25-2	Bromoform	2.5	mg/kg	U	0.07	18		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	74-83-9	Bromomethane	6.2	mg/kg	UJ	0.002	0.65		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	75-15-0	Carbon disulfide	2.5	mg/kg	UJ	0.81	74		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	56-23-5	Carbon tetrachloride	1.5	mg/kg	U	0.62	0.62		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	108-90-7	Chlorobenzene	2.5	mg/kg	U	2.4	27		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	75-00-3	Chloroethane	6.2	mg/kg	UJ	518	518		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	67-66-3	Chloroform	1.8	mg/kg	U	0.31	0.31		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	74-87-3	Chloromethane	5	mg/kg	UJ	11	11		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	156-59-2	cis-1,2-Dichloroethene	2.5	mg/kg	U	6	6		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	10061-01-5	cis-1,3-Dichloropropene	2.5	mg/kg	U	0.001	1.7		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	124-48-1	Dibromochloromethane	2.5	mg/kg	U	3.7	3.7		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	74-95-3	Dibromomethane	2.8	mg/kg	U	2.304	2.3		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	75-71-8	Dichlorodifluoromethane	4.2	mg/kg	U	8.4	8.4		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	100-41-4	Ethylbenzene	1.8	mg/kg	U	0.27	5.6		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	87-68-3	Hexachlorobutadiene	1.8	mg/kg	U	0.009	1.2		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	98-82-8	Isopropylbenzene	3	mg/kg	U	0.04	182		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	179601-23-1	m,p-Xylene	7.4	mg/kg		1.4	53		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	78-93-3	MEK (2-Butanone)	12	mg/kg	U	350	2592		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	75-09-2	Methylene chloride	1.2	mg/kg	U	2.6	34		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	10	mg/kg	U	9.7	3168		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	104-51-8	n-Butylbenzene	1.8	mg/kg	U	374	374		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	103-65-1	n-Propylbenzene	2.8	mg/kg	U	365	365		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	95-47-6	o-Xylene	3.2	mg/kg	J	1.4	61		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	99-87-6	p-Cymene	1.8	mg/kg	U	0.18	182		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	135-98-8	sec-Butylbenzene	1.8	mg/kg	U	749	749		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	100-42-5	Styrene	2.5	mg/kg	U	1.2	576		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	98-06-6	tert-Butylbenzene	1.8	mg/kg	U	749	749		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	127-18-4	Tetrachloroethene	420	mg/kg		0.18	7.8		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	108-88-3	Toluene	39	mg/kg		23	470		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	156-60-5	trans-1,2-Dichloroethene	3	mg/kg	U	6.7	6.7		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	10061-02-6	trans-1,3-Dichloropropene	1.8	mg/kg	U	0.001	1.7		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	79-01-6	Trichloroethene	3.2	mg/kg	J	0.39	0.39		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	75-69-4	Trichlorofluoromethane	1.8	mg/kg	UJ	52	2208		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	108-05-4	Vinyl acetate	6.2	mg/kg	U	87	87		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8260B	75-01-4	Vinyl chloride	3.8	mg/kg	U	0.057	0.057		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	91-57-6	2-Methylnaphthalene	0.124	mg/kg	J	23	23		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	83-32-9	Acenaphthene	3.2	mg/kg	J	29	346		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	208-96-8	Acenaphthylene	0.295	mg/kg	J	1.9	1.9		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	120-12-7	Anthracene	2.04	mg/kg	J	29	1728		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	56-55-3	Benzo(a)anthracene	12.3	mg/kg	J	1.1	1.1		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	50-32-8	Benzo(a)pyrene	11.7	mg/kg	J	0.11	0.11		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	191-24-2	Benzo(g,h,i)perylene	3.35	mg/kg	J	1.1	173		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	56832-73-6	Benzofluoranthenes, Total	16.3	mg/kg	J				
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	21.6	mg/kg	J	0.02	37		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	218-01-9	Chrysene	12	mg/kg	J	1.1	106		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	53-70-3	Dibenzo(a,h)anthracene	1.08	mg/kg	J	0.1056	0.11		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	132-64-9	Dibenzofuran	0.485	mg/kg	J	6.1	7.5		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	206-44-0	Fluoranthene	28.6	mg/kg	J	1.1	230		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	86-73-7	Fluorene	0.779	mg/kg	J	29	230		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	4.17	mg/kg	J	1.1	1.1		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	91-20-3	Naphthalene	0.256	mg/kg	J	1.9	1.9		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	85-01-8	Phenanthrene	6.55	mg/kg	J	29	1728		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	8270C	129-00-0	Pyrene	32	mg/kg	J	1.1	173		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	14.439	mg/kg					
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	105.2	mg/kg		1.1			
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	13.12	mg/kg		29			
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	NWTPH-DX	TPH-D	Diesel Range Organics	1440	mg/kg		260	1100		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	NWTPH-DX	MOIL	Residual Range Organics	641	mg/kg		260	2800		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.00085	mg/kg	U	1.8	1.8		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.00187	mg/kg	U	2.2	2.2		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000657	mg/kg	U	2.2	2.2		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	PSEP Butyltins	688-73-3	Tributyltin	0.00135	mg/kg	U	2.2	2.2		
SBB18	723398.596	7834129.785	12/5/2001	2.5 - 2.5	SO	N	011205SBB20SS	Tot_Aroclor_Calc	PCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.00412	mg/kg	U	0.0073	0.23		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	6010	7429-90-5	Aluminum	1590	mg/kg		50	7392		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	6010	7440-39-3	Barium	10.7	mg/kg		330	1440		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	6010	7440-41-7	Beryllium	0.175	mg/kg	U	15	15		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	6010	7440-70-2	Calcium	1180	mg/kg					
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	6010	7440-47-3	Chromium	931	mg/kg		0.29	0.29		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	6010	7440-48-4	Cobalt	20.3	mg/kg		2.2	2.2		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	6010	7440-50-8	Copper	18.8	mg/kg		28	298		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	6010	7439-89-6	Iron	22700	mg/kg		5280	5280		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	6010	7439-95-4	Magnesium	33500	mg/kg					
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	6010	7439-96-5	Manganese	362	mg/kg		173	173		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	6010	7440-02-0	Nickel	1060	mg/kg		38	134		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	6010	7440-09-7	Potassium	91.4	mg/kg	J				
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	6010	7440-23-5	Sodium	157	mg/kg	U				
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	6010	7440-62-2	Vanadium	14.4	mg/kg		7.8	37		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	6010	7440-66-6	Zinc	56.1	mg/kg		46	2208		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	6020	7440-36-0	Antimony	0.406	mg/kg	J	0.27	3		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	6020	7440-38-2	Arsenic	0.981	mg/kg	J	0.43	0.43		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	6020	7440-43-9	Cadmium	0.429	mg/kg	J	0.36	0.68		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	6020	7439-92-1	Lead	67.5	mg/kg	J	11	192		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	6020	7782-49-2	Selenium	0.453	mg/kg	J	0.52	37		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	6020	7440-22-4	Silver	0.0524	mg/kg	U	4.2	37		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	6020	7440-28-0	Thallium	0.0511	mg/kg	U	0.05	0.075		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	7471	7439-97-6	Mercury	0.0263	mg/kg	U	0.013	1.1		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	8082	12674-11-2	Aroclor-1016	0.00132	mg/kg	U	0.041	0.1		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	8082	11104-28-2	Aroclor-1221	0.00567	mg/kg	U	0.041	0.19		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	8082	11141-16-5	Aroclor-1232	0.00453	mg/kg	U	0.041	0.16		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	8082	53469-21-9	Aroclor-1242	0.00242	mg/kg	U	0.041	0.22		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	8082	12672-29-6	Aroclor-1248	0.00602	mg/kg	U	0.041	0.22		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	8082	11097-69-1	Aroclor-1254	0.00188	mg/kg	U	0.029	0.029		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	8082	11096-82-5	Aroclor-1260	0.00709	mg/kg	J	0.041	0.23		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	NWTPH-DX	TPH-D	Diesel Range Organics	92	mg/kg		260	1100		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	NWTPH-DX	MOIL	Residual Range Organics	639	mg/kg		260	2800		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	PSEP Butyltins	1002-53-5	Dibutyltin	0.000738	mg/kg	U	1.8	1.8		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	PSEP Butyltins	78763-54-9	Monobutyltin	0.00163	mg/kg	U	2.2	2.2		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000571	mg/kg	U	2.2	2.2		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	PSEP Butyltins	688-73-3	Tributyltin	0.00118	mg/kg	U	2.2	2.2		
SBB23	723509.78	7834167.547	12/6/2001	0 - 0.5	SO	N	011206SBB23SBG	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.00897	mg/kg		0.0073	0.23		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	6010	7429-90-5	Aluminum	2130	mg/kg		50	7392		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	6010	7440-39-3	Barium	12.3	mg/kg		330	1440		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	6010	7440-41-7	Beryllium	0.168	mg/kg	U	15	15		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	6010	7440-70-2	Calcium	1520	mg/kg					
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	6010	7440-47-3	Chromium	1320	mg/kg		0.29	0.29		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	6010	7440-48-4	Cobalt	21.6	mg/kg		2.2	2.2		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	6010	7440-50-8	Copper	15.8	mg/kg		28	298		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	6010	7439-89-6	Iron	27900	mg/kg		5280	5280		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	6010	7439-95-4	Magnesium	47500	mg/kg					
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	6010	7439-96-5	Manganese	493	mg/kg		173	173		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	6010	7440-02-0	Nickel	617	mg/kg		38	134		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	6010	7440-09-7	Potassium	116	mg/kg	J				
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	6010	7440-23-5	Sodium	150	mg/kg	U				
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	6010	7440-62-2	Vanadium	16.1	mg/kg		7.8	37		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	6010	7440-66-6	Zinc	57.9	mg/kg		46	2208		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	6020	7440-36-0	Antimony	0.249	mg/kg	J	0.27	3		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	6020	7440-38-2	Arsenic	0.159	mg/kg	U	0.43	0.43		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	6020	7440-43-9	Cadmium	0.305	mg/kg	J	0.36	0.68		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	6020	7439-92-1	Lead	51.5	mg/kg	J	11	192		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	6020	7782-49-2	Selenium	0.401	mg/kg	U	0.52	37		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	6020	7440-22-4	Silver	0.0503	mg/kg	U	4.2	37		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	6020	7440-28-0	Thallium	0.049	mg/kg	U	0.05	0.075		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	7471	7439-97-6	Mercury	0.0285	mg/kg	U	0.013	1.1		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	8082	12674-11-2	Aroclor-1016	0.00128	mg/kg	U	0.041	0.1		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	8082	11104-28-2	Aroclor-1221	0.00549	mg/kg	U	0.041	0.19		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	8082	11141-16-5	Aroclor-1232	0.00438	mg/kg	U	0.041	0.16		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	8082	53469-21-9	Aroclor-1242	0.00234	mg/kg	U	0.041	0.22		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	8082	12672-29-6	Aroclor-1248	0.00582	mg/kg	U	0.041	0.22		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	8082	11097-69-1	Aroclor-1254	0.00182	mg/kg	U	0.029	0.029		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	8082	11096-82-5	Aroclor-1260	0.00695	mg/kg	J	0.041	0.23		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	NWTPH-DX	TPH-D	Diesel Range Organics	97.9	mg/kg		260	1100		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	NWTPH-DX	MOIL	Residual Range Organics	607	mg/kg		260	2800		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	PSEP Butyltins	1002-53-5	Dibutyltin	0.000709	mg/kg	U	1.8	1.8		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	PSEP Butyltins	78763-54-9	Monobutyltin	0.00156	mg/kg	U	2.2	2.2		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000548	mg/kg	U	2.2	2.2		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	PSEP Butyltins	688-73-3	Tributyltin	0.00113	mg/kg	U	2.2	2.2		
SBB24	723527.561	7834193.394	12/6/2001	0 - 0.5	SO	N	011206SBB24SBG	Tot_Aroclor_Calc	TPCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.00877	mg/kg		0.0073	0.23		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	6010B	7429-90-5	Aluminum	14700	mg/kg		50	7392		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	6010B	7440-39-3	Barium	119	mg/kg		330	1440		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	6010B	7440-41-7	Beryllium	0.38	mg/kg	J	15	15		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	6010B	7440-70-2	Calcium	6130	mg/kg	J				
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	6010B	7440-47-3	Chromium	127	mg/kg	J	0.29	0.29		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	6010B	7440-48-4	Cobalt	14.3	mg/kg		2.2	2.2		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	6010B	7440-50-8	Copper	49.4	mg/kg	J	28	298		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	6010B	7439-89-6	Iron	33200	mg/kg		5280	5280		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	6010B	7439-92-1	Lead	337	mg/kg		11	192		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	6010B	7439-95-4	Magnesium	9020	mg/kg					
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	6010B	7439-96-5	Manganese	522	mg/kg		173	173		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	6010B	7440-02-0	Nickel	70.1	mg/kg	J	38	134		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	6010B	7440-09-7	Potassium	1220	mg/kg					
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	6010B	7440-23-5	Sodium	351	mg/kg					
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	6010B	7440-62-2	Vanadium	76.2	mg/kg		7.8	37		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	6010B	7440-66-6	Zinc	130	mg/kg	J	46	2208		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	6020	7440-36-0	Antimony	0.25	mg/kg	J	0.27	3		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	6020	7440-38-2	Arsenic	7.02	mg/kg		0.43	0.43		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	6020	7440-43-9	Cadmium	0.504	mg/kg		0.36	0.68		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	6020	7782-49-2	Selenium	0.7	mg/kg	J	0.52	37		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	6020	7440-22-4	Silver	0.128	mg/kg		4.2	37		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	6020	7440-28-0	Thallium	0.134	mg/kg		0.05	0.075		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	7471A	7439-97-6	Mercury	0.04	mg/kg		0.013	1.1		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8081A	72-54-8	4,4'-DDD	0.00071	mg/kg	U	0.021	2.2		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8081A	72-55-9	4,4'-DDE	0.00047	mg/kg	J	0.021	1.8		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8081A	50-29-3	4,4'-DDT	0.0048	mg/kg		0.021	1.8		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8081A	309-00-2	Aldrin	0.00071	mg/kg	U	0.000085	0.031		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8081A	319-84-6	alpha-BHC	0.00071	mg/kg	U	0.0096	0.083		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8081A	5103-71-9	alpha-Chlordane	0.00071	mg/kg	U	0.27	1.7		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8081A	319-85-7	beta-BHC	0.00071	mg/kg	U	0.0096	0.086		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8081A	319-86-8	delta-BHC	0.00071	mg/kg	U	0.0096	0.083		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8081A	60-57-1	Dieldrin	0.00071	mg/kg	U	0.0049	0.033		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8081A	959-98-8	Endosulfan I	0.00071	mg/kg	U	0.64	45		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8081A	33213-65-9	Endosulfan II	0.00071	mg/kg	U	0.64	45		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8081A	1031-07-8	Endosulfan sulfate	0.00071	mg/kg	U	0.64	36		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8081A	72-20-8	Endrin	0.00071	mg/kg	U	0.0014	1.8		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8081A	7421-93-4	Endrin aldehyde	0.00071	mg/kg	U	0.0014	1.8		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8081A	53494-70-5	Endrin ketone	0.00071	mg/kg	U	0.0014	1.8		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8081A	58-89-9	gamma-BHC (Lindane)	0.0016	mg/kg	U	0.0096	0.49		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8081A	5103-74-2	gamma-Chlordane	0.00071	mg/kg	U	0.27	1.7		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8081A	76-44-8	Heptachlor	0.00017	mg/kg	J	0.0016	0.11		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8081A	1024-57-3	Heptachlor epoxide	0.00071	mg/kg	U	0.00015	0.055		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8081A	72-43-5	Methoxychlor	0.00089	mg/kg	U	5.1	31		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8081A	8001-35-2	Toxaphene	0.057	mg/kg	U	0.47	0.47		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8082	12674-11-2	Aroclor-1016	0.0071	mg/kg	U	0.041	0.1		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8082	11104-28-2	Aroclor-1221	0.015	mg/kg	U	0.041	0.19		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8082	11141-16-5	Aroclor-1232	0.0071	mg/kg	U	0.041	0.16		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8082	53469-21-9	Aroclor-1242	0.0071	mg/kg	U	0.041	0.22		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8082	12672-29-6	Aroclor-1248	0.0071	mg/kg	U	0.041	0.22		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8082	11097-69-1	Aroclor-1254	0.0071	mg/kg	U	0.029	0.029		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8082	11096-82-5	Aroclor-1260	0.028	mg/kg		0.041	0.23		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8082	37324-23-5	Aroclor-1262	0.0071	mg/kg	U	0.041			
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8082	11100-14-4	Aroclor-1268	0.0071	mg/kg	U	0.041	0.2304		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	120-82-1	1,2,4-Trichlorobenzene	0.18	mg/kg	U	0.27	5.6		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	95-50-1	1,2-Dichlorobenzene	0.18	mg/kg	U	0.92	173		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	541-73-1	1,3-Dichlorobenzene	0.18	mg/kg	U	0.74	2.5		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	106-46-7	1,4-Dichlorobenzene	0.18	mg/kg	U	0.89	2.5		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	95-95-4	2,4,5-Trichlorophenol	0.18	mg/kg	U	4	605		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	88-06-2	2,4,6-Trichlorophenol	0.18	mg/kg	U	6	6		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	120-83-2	2,4-Dichlorophenol	0.18	mg/kg	U	0.05	18		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	105-67-9	2,4-Dimethylphenol	0.89	mg/kg	U	0.04	125		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	51-28-5	2,4-Dinitrophenol	3.6	mg/kg	U	0.061	12		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	121-14-2	2,4-Dinitrotoluene	0.18	mg/kg	U	1.6	1.6		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	606-20-2	2,6-Dinitrotoluene	0.18	mg/kg	U	0.3456	0.35		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	91-58-7	2-Chloronaphthalene	0.18	mg/kg	U	461	461		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	95-57-8	2-Chlorophenol	0.18	mg/kg	U	0.39	37		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	91-57-6	2-Methylnaphthalene	0.18	mg/kg	U	23	23		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	95-48-7	2-Methylphenol	0.18	mg/kg	U	0.67	307		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	88-74-4	2-Nitroaniline	0.36	mg/kg	U	5.3	60		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	88-75-5	2-Nitrophenol	0.18	mg/kg	U	5.1	1824		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	91-94-1	3,3'-Dichlorobenzidine	1.8	mg/kg	U	0.03	1.2		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	99-09-2	3-Nitroaniline	0.36	mg/kg	U	0.02	60		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	534-52-1	4,6-Dinitro-2-methylphenol	1.8	mg/kg	U	0.49	0.49		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	101-55-3	4-Bromophenyl phenyl ether	0.18	mg/kg	U				
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	59-50-7	4-Chloro-3-methylphenol	0.18	mg/kg	U	605	605		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	106-47-8	4-Chloroaniline	0.18	mg/kg	U	1	2.6		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.18	mg/kg	U				
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	106-44-5	4-Methylphenol	0.18	mg/kg	U	0.08	125		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	100-01-6	4-Nitroaniline	0.36	mg/kg	U	0.02	24		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	100-02-7	4-Nitrophenol	1.8	mg/kg	U	5.1	1824		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	83-32-9	Acenaphthene	0.038	mg/kg	J	29	346		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	208-96-8	Acenaphthylene	0.18	mg/kg	U	1.9	1.9		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	62-53-3	Aniline	0.36	mg/kg	U	42	42		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	120-12-7	Anthracene	0.06	mg/kg	J	29	1728		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	56-55-3	Benzo(a)anthracene	0.45	mg/kg		1.1	1.1		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	50-32-8	Benzo(a)pyrene	0.43	mg/kg		0.11	0.11		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	205-99-2	Benzo(b)fluoranthene	0.63	mg/kg		1.1	1.1		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	191-24-2	Benzo(g,h,i)perylene	0.26	mg/kg		1.1	173		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	207-08-9	Benzo(k)fluoranthene	0.23	mg/kg		1.1	11		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	65-85-0	Benzoic acid	3.6	mg/kg	U	1	24000		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	100-51-6	Benzyl alcohol	0.36	mg/kg	U	120	605		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.18	mg/kg	U	18	18		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	111-44-4	Bis (2-chloroethyl) ether	0.18	mg/kg	U	0.22	0.22		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	61	mg/kg		0.02	37		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.18	mg/kg	U	298	298		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	85-68-7	Butyl benzylphthalate	0.18	mg/kg	U	90	278		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	86-74-8	Carbazole	0.038	mg/kg	J	7.5	7.5		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	218-01-9	Chrysene	0.56	mg/kg		1.1	106		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	53-70-3	Dibenzo(a,h)anthracene	0.091	mg/kg	J	0.1056	0.11		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	132-64-9	Dibenzofuran	0.18	mg/kg	U	6.1	7.5		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	84-66-2	Diethyl phthalate	0.18	mg/kg	U	100	4896		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	131-11-3	Dimethyl phthalate	0.18	mg/kg	U	10	37		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	84-74-2	Di-n-butylphthalate	0.18	mg/kg	U	0.011	605		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	117-84-0	Di-n-octylphthalate	0.18	mg/kg	U	0.91	60		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	206-44-0	Fluoranthene	0.84	mg/kg		1.1	230		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	86-73-7	Fluorene	0.18	mg/kg	U	29	230		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	118-74-1	Hexachlorobenzene	0.18	mg/kg	U	0.075	0.075		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	87-68-3	Hexachlorobutadiene	0.18	mg/kg	U	0.009	1.2		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	77-47-4	Hexachlorocyclopentadiene	0.89	mg/kg	U	0.001	0.17		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	67-72-1	Hexachloroethane	0.18	mg/kg	U	0.024	1.7		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.29	mg/kg		1.1	1.1		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	78-59-1	Isophorone	0.18	mg/kg	U	547	547		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	91-20-3	Naphthalene	0.18	mg/kg	U	1.9	1.9		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	98-95-3	Nitrobenzene	0.18	mg/kg	U	2.2	4.9		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	62-75-9	N-Nitrosodimethylamine	0.89	mg/kg	U	0.0019	0.0019		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.18	mg/kg	U	0.075	0.075		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	86-30-6	N-Nitrosodiphenylamine	0.18	mg/kg	U	0.55	106		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	87-86-5	Pentachlorophenol	1.8	mg/kg	U	0.96	1		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	85-01-8	Phenanthrene	0.39	mg/kg		29	1728		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	108-95-2	Phenol	0.54	mg/kg	U	0.79	1824		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	8270C	129-00-0	Pyrene	0.78	mg/kg		1.1	173		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	Krone	1002-53-5	Dibutyltin	0.0081	mg/kg		1.8	1.8		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	Krone	78763-54-9	Monobutyltin	0.0055	mg/kg		2.2	2.2		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	Krone	688-73-3	Tributyltin	0.0077	mg/kg		2.2	2.2		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	NWTPH-Dx	TPH-D	Diesel Range Organics	31	mg/kg	J	260	1100		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	NWTPH-Dx	MOIL	Residual Range Organics	380	mg/kg		260	2800		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	4.561	mg/kg		1.1			
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	FD	090318-SB-EUC-So	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	1.475	mg/kg		29			
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	6010B	7429-90-5	Aluminum	11400	mg/kg		50	7392		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	6010B	7440-39-3	Barium	96	mg/kg		330	1440		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	6010B	7440-41-7	Beryllium	0.32	mg/kg	J	15	15		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	6010B	7440-70-2	Calcium	5700	mg/kg	J				
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	6010B	7440-47-3	Chromium	88	mg/kg	J	0.29	0.29		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	6010B	7440-48-4	Cobalt	12.4	mg/kg		2.2	2.2		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	6010B	7440-50-8	Copper	43.4	mg/kg	J	28	298		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	6010B	7439-89-6	Iron	28300	mg/kg		5280	5280		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	6010B	7439-92-1	Lead	267	mg/kg		11	192		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	6010B	7439-95-4	Magnesium	7250	mg/kg					
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	6010B	7439-96-5	Manganese	436	mg/kg		173	173		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	6010B	7440-02-0	Nickel	44.9	mg/kg	J	38	134		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	6010B	7440-09-7	Potassium	998	mg/kg					
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	6010B	7440-23-5	Sodium	269	mg/kg					
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	6010B	7440-62-2	Vanadium	63.3	mg/kg		7.8	37		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	6010B	7440-66-6	Zinc	116	mg/kg	J	46	2208		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	6020	7440-36-0	Antimony	0.19	mg/kg	J	0.27	3		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	6020	7440-38-2	Arsenic	4.8	mg/kg		0.43	0.43		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	6020	7440-43-9	Cadmium	0.412	mg/kg		0.36	0.68		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	6020	7782-49-2	Selenium	0.6	mg/kg	J	0.52	37		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	6020	7440-22-4	Silver	0.126	mg/kg		4.2	37		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	6020	7440-28-0	Thallium	0.1	mg/kg		0.05	0.075		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	7471A	7439-97-6	Mercury	0.038	mg/kg		0.013	1.1		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8081A	72-54-8	4,4'-DDD	0.00011	mg/kg	U	0.021	2.2		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8081A	72-55-9	4,4'-DDE	0.00041	mg/kg	J	0.021	1.8		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8081A	50-29-3	4,4'-DDT	0.004	mg/kg		0.021	1.8		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8081A	309-00-2	Aldrin	0.00016	mg/kg	U	0.000085	0.031		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8081A	319-84-6	alpha-BHC	0.00011	mg/kg	U	0.0096	0.083		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8081A	5103-71-9	alpha-Chlordane	0.0001	mg/kg	U	0.27	1.7		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8081A	319-85-7	beta-BHC	0.00018	mg/kg	U	0.0096	0.086		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8081A	319-86-8	delta-BHC	0.00014	mg/kg	U	0.0096	0.083		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8081A	60-57-1	Dieldrin	0.00014	mg/kg	U	0.0049	0.033		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8081A	959-98-8	Endosulfan I	0.00011	mg/kg	U	0.64	45		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8081A	33213-65-9	Endosulfan II	0.00014	mg/kg	U	0.64	45		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8081A	1031-07-8	Endosulfan sulfate	0.00011	mg/kg	U	0.64	36		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8081A	72-20-8	Endrin	0.000094	mg/kg	U	0.0014	1.8		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8081A	7421-93-4	Endrin aldehyde	0.00063	mg/kg	U	0.0014	1.8		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8081A	53494-70-5	Endrin ketone	0.00063	mg/kg	U	0.0014	1.8		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8081A	58-89-9	gamma-BHC (Lindane)	0.00008	mg/kg	U	0.0096	0.49		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8081A	5103-74-2	gamma-Chlordane	0.00063	mg/kg	U	0.27	1.7		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8081A	76-44-8	Heptachlor	0.0002	mg/kg	J	0.0016	0.11		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8081A	1024-57-3	Heptachlor epoxide	0.000084	mg/kg	U	0.00015	0.055		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8081A	72-43-5	Methoxychlor	0.00063	mg/kg	U	5.1	31		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8081A	8001-35-2	Toxaphene	0.043	mg/kg	U	0.47	0.47		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8082	12674-11-2	Aroclor-1016	0.0021	mg/kg	U	0.041	0.1		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8082	11104-28-2	Aroclor-1221	0.0021	mg/kg	U	0.041	0.19		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8082	11141-16-5	Aroclor-1232	0.0021	mg/kg	U	0.041	0.16		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8082	53469-21-9	Aroclor-1242	0.0021	mg/kg	U	0.041	0.22		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8082	12672-29-6	Aroclor-1248	0.0021	mg/kg	U	0.041	0.22		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8082	11097-69-1	Aroclor-1254	0.0021	mg/kg	U	0.029	0.029		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8082	11096-82-5	Aroclor-1260	0.026	mg/kg		0.041	0.23		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8082	37324-23-5	Aroclor-1262	0.0021	mg/kg	U	0.041			
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8082	11100-14-4	Aroclor-1268	0.0021	mg/kg	U	0.041	0.2304		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	120-82-1	1,2,4-Trichlorobenzene	0.038	mg/kg	U	0.27	5.6		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	95-50-1	1,2-Dichlorobenzene	0.033	mg/kg	U	0.92	173		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	541-73-1	1,3-Dichlorobenzene	0.04	mg/kg	U	0.74	2.5		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	106-46-7	1,4-Dichlorobenzene	0.048	mg/kg	U	0.89	2.5		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	95-95-4	2,4,5-Trichlorophenol	0.075	mg/kg	U	4	605		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	88-06-2	2,4,6-Trichlorophenol	0.045	mg/kg	U	6	6		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	120-83-2	2,4-Dichlorophenol	0.045	mg/kg	U	0.05	18		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	105-67-9	2,4-Dimethylphenol	0.14	mg/kg	U	0.04	125		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	51-28-5	2,4-Dinitrophenol	0.9	mg/kg	U	0.061	12		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	121-14-2	2,4-Dinitrotoluene	0.07	mg/kg	U	1.6	1.6		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	606-20-2	2,6-Dinitrotoluene	0.07	mg/kg	U	0.3456	0.35		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	91-58-7	2-Chloronaphthalene	0.09	mg/kg	U	461	461		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	95-57-8	2-Chlorophenol	0.043	mg/kg	U	0.39	37		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	91-57-6	2-Methylnaphthalene	0.03	mg/kg	U	23	23		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	95-48-7	2-Methylphenol	0.085	mg/kg	U	0.67	307		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	88-74-4	2-Nitroaniline	0.068	mg/kg	U	5.3	60		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	88-75-5	2-Nitrophenol	0.065	mg/kg	U	5.1	1824		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	91-94-1	3,3'-Dichlorobenzidine	0.093	mg/kg	U	0.03	1.2		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	99-09-2	3-Nitroaniline	0.065	mg/kg	U	0.02	60		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.043	mg/kg	U	0.49	0.49		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	101-55-3	4-Bromophenyl phenyl ether	0.035	mg/kg	U				
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	59-50-7	4-Chloro-3-methylphenol	0.053	mg/kg	U	605	605		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	106-47-8	4-Chloroaniline	0.053	mg/kg	U	1	2.6		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.05	mg/kg	U				
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	106-44-5	4-Methylphenol	0.073	mg/kg	U	0.08	125		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	100-01-6	4-Nitroaniline	0.085	mg/kg	U	0.02	24		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	100-02-7	4-Nitrophenol	0.75	mg/kg	U	5.1	1824		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	83-32-9	Acenaphthene	0.031	mg/kg	J	29	346		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	208-96-8	Acenaphthylene	0.035	mg/kg	U	1.9	1.9		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	62-53-3	Aniline	0.038	mg/kg	U	42	42		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	120-12-7	Anthracene	0.047	mg/kg	J	29	1728		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	56-55-3	Benzo(a)anthracene	0.46	mg/kg		1.1	1.1		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	50-32-8	Benzo(a)pyrene	0.44	mg/kg		0.11	0.11		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	205-99-2	Benzo(b)fluoranthene	0.66	mg/kg		1.1	1.1		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	191-24-2	Benzo(g,h,i)perylene	0.28	mg/kg		1.1	173		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	207-08-9	Benzo(k)fluoranthene	0.23	mg/kg		1.1	11		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	65-85-0	Benzoic acid	2.4	mg/kg	U	1	24000		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	100-51-6	Benzyl alcohol	0.093	mg/kg	U	120	605		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.033	mg/kg	U	18	18		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	111-44-4	Bis (2-chloroethyl) ether	0.06	mg/kg	U	0.22	0.22		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	55	mg/kg		0.02	37		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.03	mg/kg	U	298	298		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	85-68-7	Butyl benzylphthalate	0.038	mg/kg	U	90	278		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	86-74-8	Carbazole	0.037	mg/kg	J	7.5	7.5		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	218-01-9	Chrysene	0.59	mg/kg		1.1	106		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	53-70-3	Dibenzo(a,h)anthracene	0.1	mg/kg	J	0.1056	0.11		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	132-64-9	Dibenzofuran	0.033	mg/kg	U	6.1	7.5		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	84-66-2	Diethyl phthalate	0.088	mg/kg	U	100	4896		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	131-11-3	Dimethyl phthalate	0.045	mg/kg	U	10	37		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	84-74-2	Di-n-butylphthalate	0.065	mg/kg	U	0.011	605		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	117-84-0	Di-n-octylphthalate	0.03	mg/kg	U	0.91	60		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	206-44-0	Fluoranthene	0.81	mg/kg		1.1	230		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	86-73-7	Fluorene	0.043	mg/kg	U	29	230		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	118-74-1	Hexachlorobenzene	0.053	mg/kg	U	0.075	0.075		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	87-68-3	Hexachlorobutadiene	0.035	mg/kg	U	0.009	1.2		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	77-47-4	Hexachlorocyclopentadiene	0.38	mg/kg	U	0.001	0.17		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	67-72-1	Hexachloroethane	0.055	mg/kg	U	0.024	1.7		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.31	mg/kg		1.1	1.1		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	78-59-1	Isophorone	0.04	mg/kg	U	547	547		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	91-20-3	Naphthalene	0.033	mg/kg	U	1.9	1.9		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	98-95-3	Nitrobenzene	0.05	mg/kg	U	2.2	4.9		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	62-75-9	N-Nitrosodimethylamine	0.16	mg/kg	U	0.0019	0.0019		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.08	mg/kg	U	0.075	0.075		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	86-30-6	N-Nitrosodiphenylamine	0.055	mg/kg	U	0.55	106		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	87-86-5	Pentachlorophenol	0.22	mg/kg	U	0.96	1		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	85-01-8	Phenanthrene	0.33	mg/kg		29	1728		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	108-95-2	Phenol	0.048	mg/kg	U	0.79	1824		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	8270C	129-00-0	Pyrene	0.77	mg/kg		1.1	173		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	0.68589	mg/kg					
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	4.606	mg/kg		1.1			
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	0.549	mg/kg		29			
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	Krone	1002-53-5	Dibutyltin	0.0053	mg/kg		1.8	1.8		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	Krone	78763-54-9	Monobutyltin	0.011	mg/kg		2.2	2.2		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	Krone	688-73-3	Tributyltin	0.018	mg/kg		2.2	2.2		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	NWTPH-Dx	TPH-D	Diesel Range Organics	35	mg/kg		260	1100		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	NWTPH-Dx	MOIL	Residual Range Organics	420	mg/kg		260	2800		
SB-EUA	723553.356	7833957.123	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-So	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0291	mg/kg		0.0073	0.23		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0094	mg/kg	U	0.07	1.9		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	71-55-6	1,1,1-Trichloroethane	0.0043	mg/kg	U	260	778		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.0074	mg/kg	U	0.13	0.58		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	79-00-5	1,1,2-Trichloroethane	0.0079	mg/kg	U	0.14	0.14		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	75-34-3	1,1-Dichloroethane	0.0093	mg/kg	U	3.5	3.5		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	75-35-4	1,1-Dichloroethene	0.0073	mg/kg	U	11	22		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	563-58-6	1,1-Dichloropropene	0.0094	mg/kg	U	0.001	1.7		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	87-61-6	1,2,3-Trichlorobenzene	0.012	mg/kg	U	6	6		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	96-18-4	1,2,3-Trichloropropane	0.017	mg/kg	U	0.0049	0.0049		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	120-82-1	1,2,4-Trichlorobenzene	0.0065	mg/kg	U	0.27	5.6		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	95-63-6	1,2,4-Trimethylbenzene	0.0037	mg/kg	U	0.09	29		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.14	mg/kg	U	0.0051	0.0051		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0069	mg/kg	U	0.035	0.035		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	95-50-1	1,2-Dichlorobenzene	0.0066	mg/kg	U	0.92	173		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	107-06-2	1,2-Dichloroethane	0.0097	mg/kg	U	0.44	0.44		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	78-87-5	1,2-Dichloropropane	0.011	mg/kg	U	0.28	1.5		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	108-67-8	1,3,5-Trimethylbenzene	0.0065	mg/kg	U	0.16	26		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	541-73-1	1,3-Dichlorobenzene	0.0061	mg/kg	U	0.74	2.5		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	142-28-9	1,3-Dichloropropane	0.0053	mg/kg	U	0.28	154		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	106-46-7	1,4-Dichlorobenzene	0.0057	mg/kg	U	0.89	2.5		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	594-20-7	2,2-Dichloropropane	0.0095	mg/kg	U	0.28	1.5		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	95-49-8	2-Chlorotoluene	0.0049	mg/kg	U	154	154		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	591-78-6	2-Hexanone	0.17	mg/kg	U	0.36	19		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	106-43-4	4-Chlorotoluene	0.0055	mg/kg	U	154	154		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	67-64-1	Acetone	0.23	mg/kg	U	1.2	6720		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	71-43-2	Benzene	0.0057	mg/kg	U	1.2	1.2		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	108-86-1	Bromobenzene	0.0082	mg/kg	U	28	28		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	74-97-5	Bromochloromethane	0.0094	mg/kg	U	3.4	3.4		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	75-27-4	Bromodichloromethane	0.0062	mg/kg	U	0.28	0.28		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	75-25-2	Bromoform	0.013	mg/kg	U	0.07	18		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	74-83-9	Bromomethane	0.029	mg/kg	U	0.002	0.65		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	75-15-0	Carbon disulfide	0.0074	mg/kg	U	0.81	74		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	56-23-5	Carbon tetrachloride	0.011	mg/kg	U	0.62	0.62		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	108-90-7	Chlorobenzene	0.0066	mg/kg	U	2.4	27		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	75-00-3	Chloroethane	0.024	mg/kg	U	518	518		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	67-66-3	Chloroform	0.019	mg/kg	J	0.31	0.31		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	74-87-3	Chloromethane	0.0087	mg/kg	U	11	11		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	156-59-2	cis-1,2-Dichloroethene	0.012	mg/kg	J	6	6		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	10061-01-5	cis-1,3-Dichloropropene	0.0083	mg/kg	U	0.001	1.7		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	124-48-1	Dibromochloromethane	0.0091	mg/kg	U	3.7	3.7		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	74-95-3	Dibromomethane	0.018	mg/kg	U	2.304	2.3		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	75-71-8	Dichlorodifluoromethane	0.094	mg/kg		8.4	8.4		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	100-41-4	Ethylbenzene	0.0061	mg/kg	U	0.27	5.6		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	87-68-3	Hexachlorobutadiene	0.015	mg/kg	U	0.009	1.2		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	98-82-8	Isopropylbenzene	0.0061	mg/kg	U	0.04	182		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	179601-23-1	m,p-Xylene	0.013	mg/kg	U	1.4	53		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	78-93-3	MEK (2-Butanone)	0.29	mg/kg	U	350	2592		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	75-09-2	Methylene chloride	0.46	mg/kg		2.6	34		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.46	mg/kg	U	9.7	3168		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	91-20-3	Naphthalene	0.0079	mg/kg	U	1.9	1.9		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	104-51-8	n-Butylbenzene	0.0065	mg/kg	U	374	374		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	103-65-1	n-Propylbenzene	0.0057	mg/kg	U	365	365		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	95-47-6	o-Xylene	0.0069	mg/kg	U	1.4	61		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	99-87-6	p-Cymene	0.0061	mg/kg	U	0.18	182		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	135-98-8	sec-Butylbenzene	0.0065	mg/kg	U	749	749		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	100-42-5	Styrene	0.0061	mg/kg	U	1.2	576		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	98-06-6	tert-Butylbenzene	0.0043	mg/kg	U	749	749		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	127-18-4	Tetrachloroethene	0.0083	mg/kg	U	0.18	7.8		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	108-88-3	Toluene	0.0061	mg/kg	U	23	470		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	156-60-5	trans-1,2-Dichloroethene	0.0099	mg/kg	U	6.7	6.7		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	10061-02-6	trans-1,3-Dichloropropene	0.012	mg/kg	U	0.001	1.7		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	79-01-6	Trichloroethene	0.013	mg/kg	U	0.39	0.39		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	75-69-4	Trichlorofluoromethane	0.011	mg/kg	U	52	2208		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	108-05-4	Vinyl acetate	0.052	mg/kg	U	87	87		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	8260B	75-01-4	Vinyl chloride	0.013	mg/kg	U	0.057	0.057		
SB-EUA-02	723574.455	7833961.728	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-2So	NWTPH-Gx	TPH-G	Gasoline Range Organics	1.5	mg/kg	U	120	1200		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00019	mg/kg	U	0.07	1.9		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	71-55-6	1,1,1-Trichloroethane	0.00016	mg/kg	U	260	778		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.00009	mg/kg	U	0.13	0.58		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	79-00-5	1,1,2-Trichloroethane	0.000089	mg/kg	U	0.14	0.14		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	75-34-3	1,1-Dichloroethane	0.000049	mg/kg	U	3.5	3.5		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	75-35-4	1,1-Dichloroethene	0.000071	mg/kg	U	11	22		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	563-58-6	1,1-Dichloropropene	0.00016	mg/kg	U	0.001	1.7		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00015	mg/kg	U	6	6		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	96-18-4	1,2,3-Trichloropropane	0.00028	mg/kg	U	0.0049	0.0049		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00023	mg/kg	U	0.27	5.6		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00028	mg/kg	J	0.09	29		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.00079	mg/kg	U	0.0051	0.0051		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0002	mg/kg	U	0.035	0.035		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	95-50-1	1,2-Dichlorobenzene	0.000064	mg/kg	U	0.92	173		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	107-06-2	1,2-Dichloroethane	0.000055	mg/kg	U	0.44	0.44		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	78-87-5	1,2-Dichloropropane	0.000066	mg/kg	U	0.28	1.5		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000041	mg/kg	U	0.16	26		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	541-73-1	1,3-Dichlorobenzene	0.000071	mg/kg	U	0.74	2.5		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	142-28-9	1,3-Dichloropropane	0.00006	mg/kg	U	0.28	154		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	106-46-7	1,4-Dichlorobenzene	0.00011	mg/kg	U	0.89	2.5		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	594-20-7	2,2-Dichloropropane	0.00011	mg/kg	U	0.28	1.5		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	95-49-8	2-Chlorotoluene	0.000052	mg/kg	U	154	154		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	591-78-6	2-Hexanone	0.0055	mg/kg	J	0.36	19		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	106-43-4	4-Chlorotoluene	0.000093	mg/kg	U	154	154		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	67-64-1	Acetone	0.17	mg/kg		1.2	6720		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	71-43-2	Benzene	0.0003	mg/kg	U	1.2	1.2		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	108-86-1	Bromobenzene	0.000093	mg/kg	U	28	28		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	74-97-5	Bromochloromethane	0.00026	mg/kg	U	3.4	3.4		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	75-27-4	Bromodichloromethane	0.000045	mg/kg	U	0.28	0.28		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	75-25-2	Bromoform	0.00026	mg/kg	U	0.07	18		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	74-83-9	Bromomethane	0.00043	mg/kg	U	0.002	0.65		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	75-15-0	Carbon disulfide	0.00068	mg/kg	J	0.81	74		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	56-23-5	Carbon tetrachloride	0.000079	mg/kg	U	0.62	0.62		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	108-90-7	Chlorobenzene	0.000055	mg/kg	U	2.4	27		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	75-00-3	Chloroethane	0.00031	mg/kg	U	518	518		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	67-66-3	Chloroform	0.000049	mg/kg	U	0.31	0.31		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	74-87-3	Chloromethane	0.000058	mg/kg	U	11	11		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	156-59-2	cis-1,2-Dichloroethene	0.000082	mg/kg	U	6	6		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000032	mg/kg	U	0.001	1.7		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	124-48-1	Dibromochloromethane	0.00017	mg/kg	U	3.7	3.7		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	74-95-3	Dibromomethane	0.00019	mg/kg	U	2.304	2.3		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	75-71-8	Dichlorodifluoromethane	0.000073	mg/kg	U	8.4	8.4		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	100-41-4	Ethylbenzene	0.00011	mg/kg	J	0.27	5.6		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	87-68-3	Hexachlorobutadiene	0.00018	mg/kg	U	0.009	1.2		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	98-82-8	Isopropylbenzene	0.000032	mg/kg	U	0.04	182		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	179601-23-1	m,p-Xylene	0.00019	mg/kg	J	1.4	53		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	78-93-3	MEK (2-Butanone)	0.021	mg/kg	J	350	2592		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	75-09-2	Methylene chloride	0.00039	mg/kg	J	2.6	34		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00077	mg/kg	J	9.7	3168		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	91-20-3	Naphthalene	0.00054	mg/kg	J	1.9	1.9		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	104-51-8	n-Butylbenzene	0.000089	mg/kg	U	374	374		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	103-65-1	n-Propylbenzene	0.000063	mg/kg	U	365	365		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	95-47-6	o-Xylene	0.00006	mg/kg	U	1.4	61		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	99-87-6	p-Cymene	0.000084	mg/kg	U	0.18	182		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	135-98-8	sec-Butylbenzene	0.000066	mg/kg	U	749	749		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	100-42-5	Styrene	0.000077	mg/kg	U	1.2	576		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	98-06-6	tert-Butylbenzene	0.000055	mg/kg	U	749	749		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	127-18-4	Tetrachloroethene	0.00013	mg/kg	U	0.18	7.8		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	108-88-3	Toluene	0.00077	mg/kg	J	23	470		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	156-60-5	trans-1,2-Dichloroethene	0.000049	mg/kg	U	6.7	6.7		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	10061-02-6	trans-1,3-Dichloropropene	0.00011	mg/kg	U	0.001	1.7		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	79-01-6	Trichloroethene	0.00014	mg/kg	U	0.39	0.39		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	75-69-4	Trichlorofluoromethane	0.000055	mg/kg	U	52	2208		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	108-05-4	Vinyl acetate	0.00061	mg/kg	U	87	87		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	8260B	75-01-4	Vinyl chloride	0.000058	mg/kg	U	0.057	0.057		
SB-EUA-04	723555.569	7833954.22	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-4So	NWTPH-Gx	TPH-G	Gasoline Range Organics	3.2	mg/kg	J	120	1200		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00019	mg/kg	U	0.07	1.9		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	71-55-6	1,1,1-Trichloroethane	0.00016	mg/kg	U	260	778		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000093	mg/kg	U	0.13	0.58		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	79-00-5	1,1,2-Trichloroethane	0.000092	mg/kg	U	0.14	0.14		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	75-34-3	1,1-Dichloroethane	0.000051	mg/kg	U	3.5	3.5		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	75-35-4	1,1-Dichloroethene	0.000074	mg/kg	U	11	22		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	563-58-6	1,1-Dichloropropene	0.00016	mg/kg	U	0.001	1.7		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00015	mg/kg	U	6	6		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	96-18-4	1,2,3-Trichloropropane	0.00029	mg/kg	U	0.0049	0.0049		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00023	mg/kg	U	0.27	5.6		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00018	mg/kg	J	0.09	29		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.00082	mg/kg	U	0.0051	0.0051		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.0002	mg/kg	U	0.035	0.035		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	95-50-1	1,2-Dichlorobenzene	0.000066	mg/kg	U	0.92	173		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	107-06-2	1,2-Dichloroethane	0.000057	mg/kg	U	0.44	0.44		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	78-87-5	1,2-Dichloropropane	0.000068	mg/kg	U	0.28	1.5		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000042	mg/kg	U	0.16	26		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	541-73-1	1,3-Dichlorobenzene	0.000074	mg/kg	U	0.74	2.5		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	142-28-9	1,3-Dichloropropane	0.000062	mg/kg	U	0.28	154		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	106-46-7	1,4-Dichlorobenzene	0.00011	mg/kg	U	0.89	2.5		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	594-20-7	2,2-Dichloropropane	0.00011	mg/kg	U	0.28	1.5		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	95-49-8	2-Chlorotoluene	0.000054	mg/kg	U	154	154		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	591-78-6	2-Hexanone	0.00082	mg/kg	U	0.36	19		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	106-43-4	4-Chlorotoluene	0.000096	mg/kg	U	154	154		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	67-64-1	Acetone	0.047	mg/kg		1.2	6720		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	71-43-2	Benzene	0.00016	mg/kg	J	1.2	1.2		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	108-86-1	Bromobenzene	0.000096	mg/kg	U	28	28		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	74-97-5	Bromochloromethane	0.00027	mg/kg	U	3.4	3.4		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	75-27-4	Bromodichloromethane	0.000046	mg/kg	U	0.28	0.28		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	75-25-2	Bromoform	0.00027	mg/kg	U	0.07	18		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	74-83-9	Bromomethane	0.005	mg/kg	J	0.002	0.65		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	75-15-0	Carbon disulfide	0.00067	mg/kg	J	0.81	74		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	56-23-5	Carbon tetrachloride	0.000082	mg/kg	U	0.62	0.62		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	108-90-7	Chlorobenzene	0.000057	mg/kg	U	2.4	27		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	75-00-3	Chloroethane	0.00032	mg/kg	U	518	518		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	67-66-3	Chloroform	0.000051	mg/kg	U	0.31	0.31		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	74-87-3	Chloromethane	0.00025	mg/kg	J	11	11		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	156-59-2	cis-1,2-Dichloroethene	0.000085	mg/kg	U	6	6		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000033	mg/kg	U	0.001	1.7		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	124-48-1	Dibromochloromethane	0.00017	mg/kg	U	3.7	3.7		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	74-95-3	Dibromomethane	0.00019	mg/kg	U	2.304	2.3		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	75-71-8	Dichlorodifluoromethane	0.000076	mg/kg	U	8.4	8.4		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	100-41-4	Ethylbenzene	0.000043	mg/kg	U	0.27	5.6		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	87-68-3	Hexachlorobutadiene	0.00018	mg/kg	U	0.009	1.2		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	98-82-8	Isopropylbenzene	0.000033	mg/kg	U	0.04	182		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	179601-23-1	m,p-Xylene	0.000098	mg/kg	U	1.4	53		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	78-93-3	MEK (2-Butanone)	0.005	mg/kg	J	350	2592		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	75-09-2	Methylene chloride	0.00033	mg/kg	J	2.6	34		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00026	mg/kg	U	9.7	3168		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	91-20-3	Naphthalene	0.00034	mg/kg	U	1.9	1.9		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	104-51-8	n-Butylbenzene	0.000092	mg/kg	U	374	374		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	103-65-1	n-Propylbenzene	0.000065	mg/kg	U	365	365		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	95-47-6	o-Xylene	0.000062	mg/kg	U	1.4	61		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	99-87-6	p-Cymene	0.000087	mg/kg	U	0.18	182		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	135-98-8	sec-Butylbenzene	0.000068	mg/kg	U	749	749		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	100-42-5	Styrene	0.00008	mg/kg	U	1.2	576		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	98-06-6	tert-Butylbenzene	0.000057	mg/kg	U	749	749		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	127-18-4	Tetrachloroethene	0.00013	mg/kg	U	0.18	7.8		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	108-88-3	Toluene	0.00024	mg/kg	J	23	470		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	156-60-5	trans-1,2-Dichloroethene	0.000051	mg/kg	U	6.7	6.7		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	10061-02-6	trans-1,3-Dichloropropene	0.00011	mg/kg	U	0.001	1.7		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	79-01-6	Trichloroethene	0.00014	mg/kg	U	0.39	0.39		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	75-69-4	Trichlorofluoromethane	0.000057	mg/kg	U	52	2208		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	108-05-4	Vinyl acetate	0.00063	mg/kg	U	87	87		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	8260B	75-01-4	Vinyl chloride	0.00006	mg/kg	U	0.057	0.057		
SB-EUA-06	723534.163	7833942.296	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-6So	NWTPH-Gx	TPH-G	Gasoline Range Organics	2.1	mg/kg	J	120	1200		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00021	mg/kg	U	0.07	1.9		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	71-55-6	1,1,1-Trichloroethane	0.00018	mg/kg	U	260	778		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.00011	mg/kg	U	0.13	0.58		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	79-00-5	1,1,2-Trichloroethane	0.00011	mg/kg	U	0.14	0.14		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	75-34-3	1,1-Dichloroethane	0.000056	mg/kg	U	3.5	3.5		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	75-35-4	1,1-Dichloroethene	0.000082	mg/kg	U	11	22		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	563-58-6	1,1-Dichloropropene	0.00018	mg/kg	U	0.001	1.7		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00017	mg/kg	U	6	6		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	96-18-4	1,2,3-Trichloropropane	0.00032	mg/kg	U	0.0049	0.0049		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00026	mg/kg	U	0.27	5.6		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00023	mg/kg	J	0.09	29		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.00091	mg/kg	U	0.0051	0.0051		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00023	mg/kg	U	0.035	0.035		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	95-50-1	1,2-Dichlorobenzene	0.000074	mg/kg	U	0.92	173		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	107-06-2	1,2-Dichloroethane	0.000063	mg/kg	U	0.44	0.44		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	78-87-5	1,2-Dichloropropane	0.000076	mg/kg	U	0.28	1.5		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000047	mg/kg	U	0.16	26		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	541-73-1	1,3-Dichlorobenzene	0.000082	mg/kg	U	0.74	2.5		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	142-28-9	1,3-Dichloropropane	0.000069	mg/kg	U	0.28	154		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	106-46-7	1,4-Dichlorobenzene	0.00012	mg/kg	U	0.89	2.5		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	594-20-7	2,2-Dichloropropane	0.00012	mg/kg	U	0.28	1.5		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	95-49-8	2-Chlorotoluene	0.00006	mg/kg	U	154	154		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	591-78-6	2-Hexanone	0.0047	mg/kg	J	0.36	19		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	106-43-4	4-Chlorotoluene	0.00011	mg/kg	U	154	154		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	67-64-1	Acetone	0.29	mg/kg		1.2	6720		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	71-43-2	Benzene	0.00047	mg/kg	J	1.2	1.2		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	108-86-1	Bromobenzene	0.00011	mg/kg	U	28	28		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	74-97-5	Bromochloromethane	0.0003	mg/kg	U	3.4	3.4		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	75-27-4	Bromodichloromethane	0.000052	mg/kg	U	0.28	0.28		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	75-25-2	Bromoform	0.0003	mg/kg	U	0.07	18		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	74-83-9	Bromomethane	0.00049	mg/kg	U	0.002	0.65		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	75-15-0	Carbon disulfide	0.001	mg/kg	J	0.81	74		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	56-23-5	Carbon tetrachloride	0.000091	mg/kg	U	0.62	0.62		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	108-90-7	Chlorobenzene	0.000063	mg/kg	U	2.4	27		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	75-00-3	Chloroethane	0.00035	mg/kg	U	518	518		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	67-66-3	Chloroform	0.00026	mg/kg	J	0.31	0.31		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	74-87-3	Chloromethane	0.000067	mg/kg	U	11	11		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	156-59-2	cis-1,2-Dichloroethene	0.000095	mg/kg	U	6	6		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000037	mg/kg	U	0.001	1.7		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	124-48-1	Dibromochloromethane	0.00019	mg/kg	U	3.7	3.7		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	74-95-3	Dibromomethane	0.00021	mg/kg	U	2.304	2.3		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	75-71-8	Dichlorodifluoromethane	0.000084	mg/kg	U	8.4	8.4		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	100-41-4	Ethylbenzene	0.0001	mg/kg	J	0.27	5.6		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	87-68-3	Hexachlorobutadiene	0.0002	mg/kg	U	0.009	1.2		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	98-82-8	Isopropylbenzene	0.000037	mg/kg	U	0.04	182		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	179601-23-1	m,p-Xylene	0.00024	mg/kg	J	1.4	53		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	78-93-3	MEK (2-Butanone)	0.032	mg/kg		350	2592		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	75-09-2	Methylene chloride	0.00055	mg/kg	J	2.6	34		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00079	mg/kg	J	9.7	3168		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	91-20-3	Naphthalene	0.00038	mg/kg	U	1.9	1.9		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	104-51-8	n-Butylbenzene	0.00011	mg/kg	U	374	374		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	103-65-1	n-Propylbenzene	0.000073	mg/kg	U	365	365		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	95-47-6	o-Xylene	0.000069	mg/kg	U	1.4	61		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	99-87-6	p-Cymene	0.000097	mg/kg	U	0.18	182		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	135-98-8	sec-Butylbenzene	0.000076	mg/kg	U	749	749		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	100-42-5	Styrene	0.000089	mg/kg	U	1.2	576		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	98-06-6	tert-Butylbenzene	0.000063	mg/kg	U	749	749		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	127-18-4	Tetrachloroethene	0.00014	mg/kg	U	0.18	7.8		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	108-88-3	Toluene	0.0013	mg/kg	J	23	470		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	156-60-5	trans-1,2-Dichloroethene	0.000056	mg/kg	U	6.7	6.7		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	10061-02-6	trans-1,3-Dichloropropene	0.00012	mg/kg	U	0.001	1.7		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	79-01-6	Trichloroethene	0.00016	mg/kg	U	0.39	0.39		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	75-69-4	Trichlorofluoromethane	0.000063	mg/kg	U	52	2208		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	108-05-4	Vinyl acetate	0.0007	mg/kg	U	87	87		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	8260B	75-01-4	Vinyl chloride	0.000067	mg/kg	U	0.057	0.057		
SB-EUA-08	723523.755	7833958.131	3/18/2009	0 - 0.17	SO	N	090318-SB-EUA-8So	NWTPH-Gx	TPH-G	Gasoline Range Organics	1.8	mg/kg	J	120	1200		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	6010B	7429-90-5	Aluminum	8050	mg/kg		50	7392		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	6010B	7440-39-3	Barium	75.8	mg/kg		330	1440		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	6010B	7440-41-7	Beryllium	0.24	mg/kg	J	15	15		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	6010B	7440-70-2	Calcium	4400	mg/kg	J				
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	6010B	7440-47-3	Chromium	162	mg/kg	J	0.29	0.29		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	6010B	7440-48-4	Cobalt	10.9	mg/kg		2.2	2.2		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	6010B	7440-50-8	Copper	71.6	mg/kg	J	28	298		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	6010B	7439-89-6	Iron	27700	mg/kg		5280	5280		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	6010B	7439-92-1	Lead	319	mg/kg		11	192		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	6010B	7439-95-4	Magnesium	7350	mg/kg					
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	6010B	7439-96-5	Manganese	369	mg/kg		173	173		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	6010B	7440-02-0	Nickel	74.9	mg/kg	J	38	134		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	6010B	7440-09-7	Potassium	643	mg/kg					
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	6010B	7440-23-5	Sodium	264	mg/kg					
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	6010B	7440-62-2	Vanadium	59.3	mg/kg		7.8	37		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	6010B	7440-66-6	Zinc	203	mg/kg	J	46	2208		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	6020	7440-36-0	Antimony	0.34	mg/kg	J	0.27	3		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	6020	7440-38-2	Arsenic	5.94	mg/kg		0.43	0.43		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	6020	7440-43-9	Cadmium	1.06	mg/kg		0.36	0.68		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	6020	7782-49-2	Selenium	0.5	mg/kg	J	0.52	37		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	6020	7440-22-4	Silver	0.175	mg/kg		4.2	37		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	6020	7440-28-0	Thallium	0.067	mg/kg		0.05	0.075		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	7471A	7439-97-6	Mercury	0.033	mg/kg		0.013	1.1		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8081A	72-54-8	4,4'-DDD	0.0003	mg/kg	U	0.021	2.2		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8081A	72-55-9	4,4'-DDE	0.00025	mg/kg	J	0.021	1.8		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8081A	50-29-3	4,4'-DDT	0.01	mg/kg		0.021	1.8		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8081A	309-00-2	Aldrin	0.00016	mg/kg	U	0.000085	0.031		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8081A	319-84-6	alpha-BHC	0.00011	mg/kg	U	0.0096	0.083		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8081A	5103-71-9	alpha-Chlordane	0.0001	mg/kg	U	0.27	1.7		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8081A	319-85-7	beta-BHC	0.00066	mg/kg	U	0.0096	0.086		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8081A	319-86-8	delta-BHC	0.000078	mg/kg	J	0.0096	0.083		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8081A	60-57-1	Dieldrin	0.00081	mg/kg	U	0.0049	0.033		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8081A	959-98-8	Endosulfan I	0.00066	mg/kg	U	0.64	45		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8081A	33213-65-9	Endosulfan II	0.00024	mg/kg	J	0.64	45		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8081A	1031-07-8	Endosulfan sulfate	0.00077	mg/kg		0.64	36		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8081A	72-20-8	Endrin	0.00066	mg/kg	U	0.0014	1.8		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8081A	7421-93-4	Endrin aldehyde	0.0007	mg/kg	U	0.0014	1.8		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8081A	53494-70-5	Endrin ketone	0.0029	mg/kg	U	0.0014	1.8		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8081A	58-89-9	gamma-BHC (Lindane)	0.0013	mg/kg	U	0.0096	0.49		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8081A	5103-74-2	gamma-Chlordane	0.00066	mg/kg	U	0.27	1.7		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8081A	76-44-8	Heptachlor	0.00038	mg/kg	J	0.0016	0.11		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8081A	1024-57-3	Heptachlor epoxide	0.00018	mg/kg	U	0.00015	0.055		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8081A	72-43-5	Methoxychlor	0.0015	mg/kg	U	5.1	31		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8081A	8001-35-2	Toxaphene	0.19	mg/kg	U	0.47	0.47		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8082	12674-11-2	Aroclor-1016	0.0021	mg/kg	U	0.041	0.1		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8082	11104-28-2	Aroclor-1221	0.0021	mg/kg	U	0.041	0.19		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8082	11141-16-5	Aroclor-1232	0.0021	mg/kg	U	0.041	0.16		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8082	53469-21-9	Aroclor-1242	0.0021	mg/kg	U	0.041	0.22		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8082	12672-29-6	Aroclor-1248	0.0021	mg/kg	U	0.041	0.22		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8082	11097-69-1	Aroclor-1254	0.0021	mg/kg	U	0.029	0.029		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8082	11096-82-5	Aroclor-1260	0.067	mg/kg		0.041	0.23		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8082	37324-23-5	Aroclor-1262	0.0021	mg/kg	U	0.041			
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8082	11100-14-4	Aroclor-1268	0.0021	mg/kg	U	0.041	0.2304		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	120-82-1	1,2,4-Trichlorobenzene	0.075	mg/kg	U	0.27	5.6		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	95-50-1	1,2-Dichlorobenzene	0.065	mg/kg	U	0.92	173		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	541-73-1	1,3-Dichlorobenzene	0.08	mg/kg	U	0.74	2.5		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	106-46-7	1,4-Dichlorobenzene	0.095	mg/kg	U	0.89	2.5		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	95-95-4	2,4,5-Trichlorophenol	0.15	mg/kg	U	4	605		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	88-06-2	2,4,6-Trichlorophenol	0.09	mg/kg	U	6	6		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	120-83-2	2,4-Dichlorophenol	0.09	mg/kg	U	0.05	18		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	105-67-9	2,4-Dimethylphenol	0.28	mg/kg	U	0.04	125		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	51-28-5	2,4-Dinitrophenol	1.8	mg/kg	U	0.061	12		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	121-14-2	2,4-Dinitrotoluene	0.14	mg/kg	U	1.6	1.6		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	606-20-2	2,6-Dinitrotoluene	0.14	mg/kg	U	0.3456	0.35		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	91-58-7	2-Chloronaphthalene	0.18	mg/kg	U	461	461		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	95-57-8	2-Chlorophenol	0.085	mg/kg	U	0.39	37		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	91-57-6	2-Methylnaphthalene	0.06	mg/kg	U	23	23		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	95-48-7	2-Methylphenol	0.17	mg/kg	U	0.67	307		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	88-74-4	2-Nitroaniline	0.14	mg/kg	U	5.3	60		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	88-75-5	2-Nitrophenol	0.13	mg/kg	U	5.1	1824		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	91-94-1	3,3'-Dichlorobenzidine	0.19	mg/kg	U	0.03	1.2		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	99-09-2	3-Nitroaniline	0.13	mg/kg	U	0.02	60		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	534-52-1	4,6-Dinitro-2-methylphenol	0.085	mg/kg	U	0.49	0.49		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	101-55-3	4-Bromophenyl phenyl ether	0.07	mg/kg	U				
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	59-50-7	4-Chloro-3-methylphenol	0.11	mg/kg	U	605	605		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	106-47-8	4-Chloroaniline	0.11	mg/kg	U	1	2.6		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	7005-72-3	4-Chlorophenyl phenyl ether	0.1	mg/kg	U				
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	106-44-5	4-Methylphenol	0.15	mg/kg	U	0.08	125		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	100-01-6	4-Nitroaniline	0.17	mg/kg	U	0.02	24		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	100-02-7	4-Nitrophenol	1.5	mg/kg	U	5.1	1824		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	83-32-9	Acenaphthene	0.068	mg/kg	J	29	346		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	208-96-8	Acenaphthylene	0.07	mg/kg	U	1.9	1.9		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	62-53-3	Aniline	0.075	mg/kg	U	42	42		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	120-12-7	Anthracene	0.15	mg/kg	J	29	1728		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	56-55-3	Benzo(a)anthracene	1.2	mg/kg		1.1	1.1		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	50-32-8	Benzo(a)pyrene	1	mg/kg		0.11	0.11		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	205-99-2	Benzo(b)fluoranthene	1.6	mg/kg		1.1	1.1		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	191-24-2	Benzo(g,h,i)perylene	0.59	mg/kg		1.1	173		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	207-08-9	Benzo(k)fluoranthene	0.57	mg/kg		1.1	11		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	65-85-0	Benzoic acid	4.8	mg/kg	U	1	24000		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	100-51-6	Benzyl alcohol	0.19	mg/kg	U	120	605		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	111-91-1	Bis (2-chloroethoxy) methane	0.065	mg/kg	U	18	18		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	111-44-4	Bis (2-chloroethyl) ether	0.12	mg/kg	U	0.22	0.22		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	117-81-7	Bis (2-ethylhexyl) phthalate	260	mg/kg		0.02	37		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	39638-32-9	bis(2-Chloroisopropyl) ether	0.06	mg/kg	U	298	298		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	85-68-7	Butyl benzylphthalate	0.075	mg/kg	U	90	278		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	86-74-8	Carbazole	0.091	mg/kg	J	7.5	7.5		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	218-01-9	Chrysene	1.5	mg/kg		1.1	106		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	53-70-3	Dibenzo(a,h)anthracene	0.22	mg/kg	J	0.1056	0.11		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	132-64-9	Dibenzofuran	0.065	mg/kg	U	6.1	7.5		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	84-66-2	Diethyl phthalate	0.18	mg/kg	U	100	4896		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	131-11-3	Dimethyl phthalate	0.09	mg/kg	U	10	37		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	84-74-2	Di-n-butylphthalate	0.13	mg/kg	U	0.011	605		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	117-84-0	Di-n-octylphthalate	0.06	mg/kg	U	0.91	60		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	206-44-0	Fluoranthene	2.1	mg/kg		1.1	230		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	86-73-7	Fluorene	0.085	mg/kg	U	29	230		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	118-74-1	Hexachlorobenzene	0.11	mg/kg	U	0.075	0.075		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	87-68-3	Hexachlorobutadiene	0.07	mg/kg	U	0.009	1.2		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	77-47-4	Hexachlorocyclopentadiene	0.75	mg/kg	U	0.001	0.17		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	67-72-1	Hexachloroethane	0.11	mg/kg	U	0.024	1.7		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	193-39-5	Indeno(1,2,3-c,d)pyrene	0.69	mg/kg		1.1	1.1		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	78-59-1	Isophorone	0.08	mg/kg	U	547	547		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	91-20-3	Naphthalene	0.065	mg/kg	U	1.9	1.9		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	98-95-3	Nitrobenzene	0.1	mg/kg	U	2.2	4.9		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	62-75-9	N-Nitrosodimethylamine	0.31	mg/kg	U	0.0019	0.0019		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	621-64-7	N-Nitrosodi-n-propylamine	0.16	mg/kg	U	0.075	0.075		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	86-30-6	N-Nitrosodiphenylamine	0.11	mg/kg	U	0.55	106		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	87-86-5	Pentachlorophenol	0.43	mg/kg	U	0.96	1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	85-01-8	Phenanthrene	0.94	mg/kg		29	1728		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	108-95-2	Phenol	0.095	mg/kg	U	0.79	1824		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	8270C	129-00-0	Pyrene	1.9	mg/kg		1.1	173		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	CALC_Tot_PAH	CPAHs	Calc Total cPAHs (KM, Capped-MDL)	1.5762	mg/kg					
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	CALC_Tot_PAH	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	11.37	mg/kg		1.1			
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	CALC_Tot_PAH	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	1.356	mg/kg		29			
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	Krone	1002-53-5	Dibutyltin	0.0091	mg/kg		1.8	1.8		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	Krone	78763-54-9	Monobutyltin	0.0032	mg/kg		2.2	2.2		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	Krone	688-73-3	Tributyltin	0.0032	mg/kg		2.2	2.2		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	NWTPH-Dx	TPH-D	Diesel Range Organics	69	mg/kg		260	1100		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	NWTPH-Dx	MOIL	Residual Range Organics	1000	mg/kg		260	2800		
SB-EUB	723463.299	7833967.637	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-So	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0691	mg/kg		0.0073	0.23		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.0002	mg/kg	U	0.07	1.9		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	71-55-6	1,1,1-Trichloroethane	0.00017	mg/kg	U	260	778		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.000099	mg/kg	U	0.13	0.58		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	79-00-5	1,1,2-Trichloroethane	0.000098	mg/kg	U	0.14	0.14		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	75-34-3	1,1-Dichloroethane	0.000054	mg/kg	U	3.5	3.5		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	75-35-4	1,1-Dichloroethene	0.000078	mg/kg	U	11	22		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	563-58-6	1,1-Dichloropropene	0.00017	mg/kg	U	0.001	1.7		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00016	mg/kg	U	6	6		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	96-18-4	1,2,3-Trichloropropane	0.0003	mg/kg	U	0.0049	0.0049		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00025	mg/kg	U	0.27	5.6		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00016	mg/kg	J	0.09	29		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.00087	mg/kg	U	0.0051	0.0051		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00022	mg/kg	U	0.035	0.035		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	95-50-1	1,2-Dichlorobenzene	0.00007	mg/kg	U	0.92	173		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	107-06-2	1,2-Dichloroethane	0.00006	mg/kg	U	0.44	0.44		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	78-87-5	1,2-Dichloropropane	0.000072	mg/kg	U	0.28	1.5		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000045	mg/kg	U	0.16	26		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	541-73-1	1,3-Dichlorobenzene	0.000078	mg/kg	U	0.74	2.5		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	142-28-9	1,3-Dichloropropane	0.000066	mg/kg	U	0.28	154		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	106-46-7	1,4-Dichlorobenzene	0.00012	mg/kg	U	0.89	2.5		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	594-20-7	2,2-Dichloropropane	0.00012	mg/kg	U	0.28	1.5		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	95-49-8	2-Chlorotoluene	0.000057	mg/kg	U	154	154		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	591-78-6	2-Hexanone	0.00087	mg/kg	U	0.36	19		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	106-43-4	4-Chlorotoluene	0.00011	mg/kg	U	154	154		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	67-64-1	Acetone	0.098	mg/kg		1.2	6720		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	71-43-2	Benzene	0.0002	mg/kg	J	1.2	1.2		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	108-86-1	Bromobenzene	0.00011	mg/kg	U	28	28		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	74-97-5	Bromochloromethane	0.00028	mg/kg	U	3.4	3.4		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	75-27-4	Bromodichloromethane	0.000049	mg/kg	U	0.28	0.28		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	75-25-2	Bromoform	0.00028	mg/kg	U	0.07	18		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	74-83-9	Bromomethane	0.0012	mg/kg	J	0.002	0.65		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	75-15-0	Carbon disulfide	0.00062	mg/kg	J	0.81	74		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	56-23-5	Carbon tetrachloride	0.000087	mg/kg	U	0.62	0.62		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	108-90-7	Chlorobenzene	0.00006	mg/kg	U	2.4	27		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	75-00-3	Chloroethane	0.00034	mg/kg	U	518	518		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	67-66-3	Chloroform	0.000054	mg/kg	U	0.31	0.31		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	74-87-3	Chloromethane	0.00023	mg/kg	J	11	11		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	156-59-2	cis-1,2-Dichloroethene	0.00009	mg/kg	U	6	6		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000035	mg/kg	U	0.001	1.7		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	124-48-1	Dibromochloromethane	0.00018	mg/kg	U	3.7	3.7		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	74-95-3	Dibromomethane	0.0002	mg/kg	U	2.304	2.3		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	75-71-8	Dichlorodifluoromethane	0.00008	mg/kg	U	8.4	8.4		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	100-41-4	Ethylbenzene	0.000046	mg/kg	U	0.27	5.6		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	87-68-3	Hexachlorobutadiene	0.00019	mg/kg	U	0.009	1.2		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	98-82-8	Isopropylbenzene	0.000035	mg/kg	U	0.04	182		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	179601-23-1	m,p-Xylene	0.00011	mg/kg	U	1.4	53		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	78-93-3	MEK (2-Butanone)	0.0099	mg/kg	J	350	2592		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	75-09-2	Methylene chloride	0.00016	mg/kg	U	2.6	34		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00027	mg/kg	U	9.7	3168		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	91-20-3	Naphthalene	0.00036	mg/kg	U	1.9	1.9		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	104-51-8	n-Butylbenzene	0.000098	mg/kg	U	374	374		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	103-65-1	n-Propylbenzene	0.000069	mg/kg	U	365	365		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	95-47-6	o-Xylene	0.000066	mg/kg	U	1.4	61		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	99-87-6	p-Cymene	0.0025	mg/kg	J	0.18	182		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	135-98-8	sec-Butylbenzene	0.000072	mg/kg	U	749	749		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	100-42-5	Styrene	0.000085	mg/kg	U	1.2	576		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	98-06-6	tert-Butylbenzene	0.00006	mg/kg	U	749	749		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	127-18-4	Tetrachloroethene	0.00014	mg/kg	U	0.18	7.8		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	108-88-3	Toluene	0.00055	mg/kg	J	23	470		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	156-60-5	trans-1,2-Dichloroethene	0.000054	mg/kg	U	6.7	6.7		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	10061-02-6	trans-1,3-Dichloropropene	0.00012	mg/kg	U	0.001	1.7		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	79-01-6	Trichloroethene	0.00015	mg/kg	U	0.39	0.39		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	75-69-4	Trichlorofluoromethane	0.00006	mg/kg	U	52	2208		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	108-05-4	Vinyl acetate	0.00067	mg/kg	U	87	87		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	8260B	75-01-4	Vinyl chloride	0.000064	mg/kg	U	0.057	0.057		
SB-EUB-02	723551.824	7833988.374	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-2So	NWTPH-Gx	TPH-G	Gasoline Range Organics	1.5	mg/kg	U	120	1200		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00024	mg/kg	U	0.07	1.9		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	71-55-6	1,1,1-Trichloroethane	0.0002	mg/kg	U	260	778		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.00012	mg/kg	U	0.13	0.58		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	79-00-5	1,1,2-Trichloroethane	0.00012	mg/kg	U	0.14	0.14		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	75-34-3	1,1-Dichloroethane	0.000063	mg/kg	U	3.5	3.5		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	75-35-4	1,1-Dichloroethene	0.000092	mg/kg	U	11	22		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	563-58-6	1,1-Dichloropropene	0.0002	mg/kg	U	0.001	1.7		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00019	mg/kg	U	6	6		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	96-18-4	1,2,3-Trichloropropane	0.00036	mg/kg	U	0.0049	0.0049		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00029	mg/kg	U	0.27	5.6		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00022	mg/kg	J	0.09	29		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.0011	mg/kg	U	0.0051	0.0051		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00025	mg/kg	U	0.035	0.035		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	95-50-1	1,2-Dichlorobenzene	0.000083	mg/kg	U	0.92	173		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	107-06-2	1,2-Dichloroethane	0.000071	mg/kg	U	0.44	0.44		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	78-87-5	1,2-Dichloropropane	0.000085	mg/kg	U	0.28	1.5		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000053	mg/kg	U	0.16	26		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	541-73-1	1,3-Dichlorobenzene	0.000092	mg/kg	U	0.74	2.5		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	142-28-9	1,3-Dichloropropane	0.000077	mg/kg	U	0.28	154		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	106-46-7	1,4-Dichlorobenzene	0.00014	mg/kg	U	0.89	2.5		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	594-20-7	2,2-Dichloropropane	0.00014	mg/kg	U	0.28	1.5		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	95-49-8	2-Chlorotoluene	0.000067	mg/kg	U	154	154		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	591-78-6	2-Hexanone	0.0011	mg/kg	U	0.36	19		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	106-43-4	4-Chlorotoluene	0.00012	mg/kg	U	154	154		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	67-64-1	Acetone	0.35	mg/kg		1.2	6720		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	71-43-2	Benzene	0.00038	mg/kg	U	1.2	1.2		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	108-86-1	Bromobenzene	0.00012	mg/kg	U	28	28		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	74-97-5	Bromochloromethane	0.00033	mg/kg	U	3.4	3.4		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	75-27-4	Bromodichloromethane	0.000058	mg/kg	U	0.28	0.28		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	75-25-2	Bromoform	0.00033	mg/kg	U	0.07	18		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	74-83-9	Bromomethane	0.00055	mg/kg	U	0.002	0.65		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	75-15-0	Carbon disulfide	0.00094	mg/kg	J	0.81	74		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	56-23-5	Carbon tetrachloride	0.00011	mg/kg	U	0.62	0.62		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	108-90-7	Chlorobenzene	0.000071	mg/kg	U	2.4	27		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	75-00-3	Chloroethane	0.0004	mg/kg	U	518	518		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	67-66-3	Chloroform	0.000063	mg/kg	U	0.31	0.31		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	74-87-3	Chloromethane	0.000075	mg/kg	U	11	11		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	156-59-2	cis-1,2-Dichloroethene	0.00011	mg/kg	U	6	6		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000041	mg/kg	U	0.001	1.7		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	124-48-1	Dibromochloromethane	0.00021	mg/kg	U	3.7	3.7		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	74-95-3	Dibromomethane	0.00024	mg/kg	U	2.304	2.3		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	75-71-8	Dichlorodifluoromethane	0.000094	mg/kg	U	8.4	8.4		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	100-41-4	Ethylbenzene	0.000054	mg/kg	U	0.27	5.6		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	87-68-3	Hexachlorobutadiene	0.00023	mg/kg	U	0.009	1.2		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	98-82-8	Isopropylbenzene	0.000041	mg/kg	U	0.04	182		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	179601-23-1	m,p-Xylene	0.00013	mg/kg	U	1.4	53		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	78-93-3	MEK (2-Butanone)	0.039	mg/kg		350	2592		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	75-09-2	Methylene chloride	0.00019	mg/kg	U	2.6	34		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00032	mg/kg	U	9.7	3168		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	91-20-3	Naphthalene	0.00042	mg/kg	U	1.9	1.9		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	104-51-8	n-Butylbenzene	0.00012	mg/kg	U	374	374		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	103-65-1	n-Propylbenzene	0.000081	mg/kg	U	365	365		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	95-47-6	o-Xylene	0.000077	mg/kg	U	1.4	61		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	99-87-6	p-Cymene	0.00048	mg/kg	J	0.18	182		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	135-98-8	sec-Butylbenzene	0.000085	mg/kg	U	749	749		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	100-42-5	Styrene	0.0001	mg/kg	U	1.2	576		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	98-06-6	tert-Butylbenzene	0.000071	mg/kg	U	749	749		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	127-18-4	Tetrachloroethene	0.00016	mg/kg	U	0.18	7.8		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	108-88-3	Toluene	0.00086	mg/kg	J	23	470		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	156-60-5	trans-1,2-Dichloroethene	0.000063	mg/kg	U	6.7	6.7		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	10061-02-6	trans-1,3-Dichloropropene	0.00014	mg/kg	U	0.001	1.7		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	79-01-6	Trichloroethene	0.00017	mg/kg	U	0.39	0.39		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	75-69-4	Trichlorofluoromethane	0.000071	mg/kg	U	52	2208		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	108-05-4	Vinyl acetate	0.00079	mg/kg	U	87	87		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	8260B	75-01-4	Vinyl chloride	0.000075	mg/kg	U	0.057	0.057		
SB-EUB-03	723515.667	7833965.041	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-3So	NWTPH-Gx	TPH-G	Gasoline Range Organics	1.5	mg/kg	U	120	1200		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00021	mg/kg	U	0.07	1.9		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	71-55-6	1,1,1-Trichloroethane	0.00017	mg/kg	U	260	778		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.00011	mg/kg	U	0.13	0.58		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	79-00-5	1,1,2-Trichloroethane	0.0001	mg/kg	U	0.14	0.14		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	75-34-3	1,1-Dichloroethane	0.000055	mg/kg	U	3.5	3.5		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	75-35-4	1,1-Dichloroethene	0.00008	mg/kg	U	11	22		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	563-58-6	1,1-Dichloropropene	0.00017	mg/kg	U	0.001	1.7		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00016	mg/kg	U	6	6		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	96-18-4	1,2,3-Trichloropropane	0.00031	mg/kg	U	0.0049	0.0049		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00025	mg/kg	U	0.27	5.6		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00024	mg/kg	J	0.09	29		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.00089	mg/kg	U	0.0051	0.0051		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00022	mg/kg	U	0.035	0.035		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	95-50-1	1,2-Dichlorobenzene	0.000072	mg/kg	U	0.92	173		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	107-06-2	1,2-Dichloroethane	0.000062	mg/kg	U	0.44	0.44		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	78-87-5	1,2-Dichloropropane	0.000074	mg/kg	U	0.28	1.5		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000046	mg/kg	U	0.16	26		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	541-73-1	1,3-Dichlorobenzene	0.00008	mg/kg	U	0.74	2.5		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	142-28-9	1,3-Dichloropropane	0.000067	mg/kg	U	0.28	154		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	106-46-7	1,4-Dichlorobenzene	0.00012	mg/kg	U	0.89	2.5		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	594-20-7	2,2-Dichloropropane	0.00012	mg/kg	U	0.28	1.5		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	95-49-8	2-Chlorotoluene	0.000058	mg/kg	U	154	154		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	591-78-6	2-Hexanone	0.0088	mg/kg	J	0.36	19		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	106-43-4	4-Chlorotoluene	0.00011	mg/kg	U	154	154		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	67-64-1	Acetone	0.54	mg/kg		1.2	6720		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	71-43-2	Benzene	0.001	mg/kg	J	1.2	1.2		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	108-86-1	Bromobenzene	0.00011	mg/kg	U	28	28		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	74-97-5	Bromochloromethane	0.00029	mg/kg	U	3.4	3.4		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	75-27-4	Bromodichloromethane	0.00005	mg/kg	U	0.28	0.28		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	75-25-2	Bromoform	0.00029	mg/kg	U	0.07	18		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	74-83-9	Bromomethane	0.00048	mg/kg	U	0.002	0.65		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	75-15-0	Carbon disulfide	0.00096	mg/kg	J	0.81	74		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	56-23-5	Carbon tetrachloride	0.000089	mg/kg	U	0.62	0.62		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	108-90-7	Chlorobenzene	0.000062	mg/kg	U	2.4	27		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	75-00-3	Chloroethane	0.00034	mg/kg	U	518	518		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	67-66-3	Chloroform	0.00029	mg/kg	J	0.31	0.31		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	74-87-3	Chloromethane	0.000065	mg/kg	U	11	11		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	156-59-2	cis-1,2-Dichloroethene	0.000092	mg/kg	U	6	6		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000036	mg/kg	U	0.001	1.7		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	124-48-1	Dibromochloromethane	0.00019	mg/kg	U	3.7	3.7		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	74-95-3	Dibromomethane	0.00021	mg/kg	U	2.304	2.3		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	75-71-8	Dichlorodifluoromethane	0.000082	mg/kg	U	8.4	8.4		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	100-41-4	Ethylbenzene	0.0002	mg/kg	J	0.27	5.6		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	87-68-3	Hexachlorobutadiene	0.0002	mg/kg	U	0.009	1.2		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	98-82-8	Isopropylbenzene	0.000036	mg/kg	U	0.04	182		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	179601-23-1	m,p-Xylene	0.00036	mg/kg	J	1.4	53		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	78-93-3	MEK (2-Butanone)	0.05	mg/kg		350	2592		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	75-09-2	Methylene chloride	0.00016	mg/kg	U	2.6	34		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.0012	mg/kg	J	9.7	3168		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	91-20-3	Naphthalene	0.00045	mg/kg	J	1.9	1.9		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	104-51-8	n-Butylbenzene	0.0001	mg/kg	U	374	374		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	103-65-1	n-Propylbenzene	0.000071	mg/kg	U	365	365		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	95-47-6	o-Xylene	0.000067	mg/kg	U	1.4	61		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	99-87-6	p-Cymene	0.000094	mg/kg	U	0.18	182		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	135-98-8	sec-Butylbenzene	0.000074	mg/kg	U	749	749		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	100-42-5	Styrene	0.000086	mg/kg	U	1.2	576		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	98-06-6	tert-Butylbenzene	0.000062	mg/kg	U	749	749		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	127-18-4	Tetrachloroethene	0.00014	mg/kg	U	0.18	7.8		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	108-88-3	Toluene	0.0012	mg/kg	J	23	470		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	156-60-5	trans-1,2-Dichloroethene	0.000055	mg/kg	U	6.7	6.7		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	10061-02-6	trans-1,3-Dichloropropene	0.00012	mg/kg	U	0.001	1.7		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	79-01-6	Trichloroethene	0.00015	mg/kg	U	0.39	0.39		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	75-69-4	Trichlorofluoromethane	0.000062	mg/kg	U	52	2208		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	108-05-4	Vinyl acetate	0.00068	mg/kg	U	87	87		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	8260B	75-01-4	Vinyl chloride	0.000065	mg/kg	U	0.057	0.057		
SB-EUB-12	723462.679	7833939.765	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-12So	NWTPH-Gx	TPH-G	Gasoline Range Organics	1.5	mg/kg	U	120	1200		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	630-20-6	1,1,1,2-Tetrachloroethane	0.00021	mg/kg	U	0.07	1.9		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	71-55-6	1,1,1-Trichloroethane	0.00018	mg/kg	U	260	778		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	79-34-5	1,1,2,2-Tetrachloroethane	0.00011	mg/kg	U	0.13	0.58		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	79-00-5	1,1,2-Trichloroethane	0.00011	mg/kg	U	0.14	0.14		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	75-34-3	1,1-Dichloroethane	0.000056	mg/kg	U	3.5	3.5		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	75-35-4	1,1-Dichloroethene	0.000081	mg/kg	U	11	22		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	563-58-6	1,1-Dichloropropene	0.00018	mg/kg	U	0.001	1.7		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	87-61-6	1,2,3-Trichlorobenzene	0.00017	mg/kg	U	6	6		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	96-18-4	1,2,3-Trichloropropane	0.00032	mg/kg	U	0.0049	0.0049		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	120-82-1	1,2,4-Trichlorobenzene	0.00026	mg/kg	U	0.27	5.6		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	95-63-6	1,2,4-Trimethylbenzene	0.00011	mg/kg	U	0.09	29		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	96-12-8	1,2-Dibromo-3-Chloropropane	0.0009	mg/kg	U	0.0051	0.0051		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	106-93-4	1,2-Dibromoethane (EDB)	0.00022	mg/kg	U	0.035	0.035		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	95-50-1	1,2-Dichlorobenzene	0.000073	mg/kg	U	0.92	173		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	107-06-2	1,2-Dichloroethane	0.000063	mg/kg	U	0.44	0.44		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	78-87-5	1,2-Dichloropropane	0.000075	mg/kg	U	0.28	1.5		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	108-67-8	1,3,5-Trimethylbenzene	0.000046	mg/kg	U	0.16	26		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	541-73-1	1,3-Dichlorobenzene	0.000081	mg/kg	U	0.74	2.5		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	142-28-9	1,3-Dichloropropane	0.000068	mg/kg	U	0.28	154		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	106-46-7	1,4-Dichlorobenzene	0.00012	mg/kg	U	0.89	2.5		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	594-20-7	2,2-Dichloropropane	0.00012	mg/kg	U	0.28	1.5		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	95-49-8	2-Chlorotoluene	0.000059	mg/kg	U	154	154		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	591-78-6	2-Hexanone	0.0009	mg/kg	U	0.36	19		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	106-43-4	4-Chlorotoluene	0.00011	mg/kg	U	154	154		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	67-64-1	Acetone	0.27	mg/kg		1.2	6720		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	71-43-2	Benzene	0.00023	mg/kg	U	1.2	1.2		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	108-86-1	Bromobenzene	0.00011	mg/kg	U	28	28		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	74-97-5	Bromochloromethane	0.00029	mg/kg	U	3.4	3.4		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	75-27-4	Bromodichloromethane	0.000051	mg/kg	U	0.28	0.28		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	75-25-2	Bromoform	0.00029	mg/kg	U	0.07	18		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	74-83-9	Bromomethane	0.00049	mg/kg	U	0.002	0.65		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	75-15-0	Carbon disulfide	0.0007	mg/kg	J	0.81	74		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	56-23-5	Carbon tetrachloride	0.00009	mg/kg	U	0.62	0.62		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	108-90-7	Chlorobenzene	0.000063	mg/kg	U	2.4	27		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	75-00-3	Chloroethane	0.00035	mg/kg	U	518	518		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	67-66-3	Chloroform	0.000056	mg/kg	U	0.31	0.31		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	74-87-3	Chloromethane	0.000066	mg/kg	U	11	11		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	156-59-2	cis-1,2-Dichloroethene	0.000094	mg/kg	U	6	6		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	10061-01-5	cis-1,3-Dichloropropene	0.000036	mg/kg	U	0.001	1.7		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	124-48-1	Dibromochloromethane	0.00019	mg/kg	U	3.7	3.7		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	74-95-3	Dibromomethane	0.00021	mg/kg	U	2.304	2.3		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	75-71-8	Dichlorodifluoromethane	0.000083	mg/kg	U	8.4	8.4		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	100-41-4	Ethylbenzene	0.000048	mg/kg	U	0.27	5.6		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	87-68-3	Hexachlorobutadiene	0.0002	mg/kg	U	0.009	1.2		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	98-82-8	Isopropylbenzene	0.000036	mg/kg	U	0.04	182		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	179601-23-1	m,p-Xylene	0.00011	mg/kg	U	1.4	53		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	78-93-3	MEK (2-Butanone)	0.032	mg/kg		350	2592		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	75-09-2	Methylene chloride	0.00017	mg/kg	U	2.6	34		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	108-10-1	MIBK (Methyl isobutyl ketone)	0.00028	mg/kg	U	9.7	3168		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	91-20-3	Naphthalene	0.00037	mg/kg	U	1.9	1.9		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	104-51-8	n-Butylbenzene	0.00011	mg/kg	U	374	374		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	103-65-1	n-Propylbenzene	0.000072	mg/kg	U	365	365		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	95-47-6	o-Xylene	0.000068	mg/kg	U	1.4	61		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	99-87-6	p-Cymene	0.00099	mg/kg	J	0.18	182		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	135-98-8	sec-Butylbenzene	0.000075	mg/kg	U	749	749		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	100-42-5	Styrene	0.000088	mg/kg	U	1.2	576		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	98-06-6	tert-Butylbenzene	0.000063	mg/kg	U	749	749		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	127-18-4	Tetrachloroethene	0.00014	mg/kg	U	0.18	7.8		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	108-88-3	Toluene	0.00076	mg/kg	J	23	470		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	156-60-5	trans-1,2-Dichloroethene	0.000056	mg/kg	U	6.7	6.7		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	10061-02-6	trans-1,3-Dichloropropene	0.00012	mg/kg	U	0.001	1.7		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	79-01-6	Trichloroethene	0.00015	mg/kg	U	0.39	0.39		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	75-69-4	Trichlorofluoromethane	0.000063	mg/kg	U	52	2208		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	108-05-4	Vinyl acetate	0.00069	mg/kg	U	87	87		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	8260B	75-01-4	Vinyl chloride	0.000066	mg/kg	U	0.057	0.057		
SB-EUB-15	723491.919	7834010.126	3/18/2009	0 - 0.17	SO	N	090318-SB-EUB-15So	NWTPH-Gx	TPH-G	Gasoline Range Organics	2.9	mg/kg	J	120	1200		
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8081 Pest	72-54-8	4,4'-DDD	0.04	ug/L	U				0.00012
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8081 Pest	72-55-9	4,4'-DDE	0.03	ug/L	U				0.000018
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8081 Pest	50-29-3	4,4'-DDT	0.09	ug/L	U				0.00003
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8081 Pest	309-00-2	Aldrin	0.04	ug/L	U				0.00000077
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8081 Pest	319-84-6	alpha-BHC	0.02	ug/L	U				0.00036
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8081 Pest	5103-71-9	alpha-Chlordane	0.05	ug/L	U				0.00031
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8081 Pest	319-85-7	beta-BHC	0.1	ug/L	U				0.008
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8081 Pest	319-86-8	delta-BHC	0.05	ug/L	U				0.00036
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8081 Pest	60-57-1	Dieldrin	0.07	ug/L	U				0.0000012
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8081 Pest	959-98-8	Endosulfan I	0.03	ug/L	U				0.056
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8081 Pest	33213-65-9	Endosulfan II	0.05	ug/L	U				0.056
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.07	ug/L	U				0.056
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8081 Pest	72-20-8	Endrin	0.08	ug/L	U				0.03
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8081 Pest	7421-93-4	Endrin aldehyde	0.1	ug/L	U				0.036
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.03	ug/L	U				0.043
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8081 Pest	5103-74-2	gamma-Chlordane	0.02	ug/L	U				0.00031
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8081 Pest	76-44-8	Heptachlor	0.03	ug/L	U				0.0000059
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.03	ug/L	U				0.000032
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8081 Pest	72-43-5	Methoxychlor	0.5	ug/L	U				0.02
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8081 Pest	8001-35-2	Toxaphene	1.5	ug/L	U				0.0002
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8151	93-76-5	2,4,5-T	0.4	ug/L	U				160
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8151	93-72-1	2,4,5-TP (Silvex)	0.4	ug/L	U				30
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8151	94-75-7	2,4-D	0.4	ug/L	U				79
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8151	94-82-6	2,4-DB	0.4	ug/L	U				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8151	120-36-5	2,4-DP (Dichloroprop)	0.4	ug/L	U				
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8151	75-99-0	Dalapon	0.4	ug/L	U				600
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8151	1918-00-9	Dicamba	0.4	ug/L	U				15
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8151	88-85-7	Dinoseb	0.4	ug/L	U				0.48
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8151	94-74-6	MCPA	100	ug/L	U				2.6
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8151	93-65-2	MCPP	100	ug/L	U				16
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	1	ug/L	U				0.57
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	71-55-6	1,1,1-Trichloroethane	1	ug/L	U				76
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	1	ug/L	U				0.076
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	79-00-5	1,1,2-Trichloroethane	1	ug/L	U				0.28
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	75-34-3	1,1-Dichloroethane	1	ug/L	U				2.8
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	75-35-4	1,1-Dichloroethene	1	ug/L	U				130
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	563-58-6	1,1-Dichloropropene	1	ug/L	U				0.47
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	87-61-6	1,2,3-Trichlorobenzene	1	ug/L	U				7
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	96-18-4	1,2,3-Trichloropropane	1	ug/L	U				0.00075
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	120-82-1	1,2,4-Trichlorobenzene	1	ug/L	U				0.071
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	95-63-6	1,2,4-Trimethylbenzene	1	ug/L	U				15
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	5	ug/L	U				0.00033
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	106-93-4	1,2-Dibromoethane (EDB)	1	ug/L	U				0.0075
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	95-50-1	1,2-Dichlorobenzene	1	ug/L	U				14
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	107-06-2	1,2-Dichloroethane	1	ug/L	U				0.17
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	78-87-5	1,2-Dichloropropane	1	ug/L	U				0.85
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	108-67-8	1,3,5-Trimethylbenzene	1	ug/L	U				26
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	541-73-1	1,3-Dichlorobenzene	1	ug/L	U				0.48
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	142-28-9	1,3-Dichloropropane	1	ug/L	U				0.9
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	106-46-7	1,4-Dichlorobenzene	1	ug/L	U				0.48
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	594-20-7	2,2-Dichloropropane	1	ug/L	U				0.85
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	95-49-8	2-Chlorotoluene	1	ug/L	U				240
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	591-78-6	2-Hexanone	10	ug/L	U				38
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	106-43-4	4-Chlorotoluene	1	ug/L	U				250
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	67-64-1	Acetone	10	ug/L	UJ				1700
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	71-43-2	Benzene	1	ug/L	U				0.46
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	108-86-1	Bromobenzene	1	ug/L	U				62
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	74-97-5	Bromochloromethane	1	ug/L	U				0.13
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	75-27-4	Bromodichloromethane	1	ug/L	U				0.13
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	75-25-2	Bromoform	1	ug/L	U				3.3
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	74-83-9	Bromomethane	1	ug/L	U				7.5
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	75-15-0	Carbon disulfide	1	ug/L	U				15
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	56-23-5	Carbon tetrachloride	1	ug/L	U				0.4
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	108-90-7	Chlorobenzene	1	ug/L	U				25
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	75-00-3	Chloroethane	1	ug/L	U				21000
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	67-66-3	Chloroform	1	ug/L	U				0.22
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	74-87-3	Chloromethane	5	ug/L	U				190
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	156-59-2	cis-1,2-Dichloroethene	1	ug/L	U				36
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	10061-01-5	cis-1,3-Dichloropropene	1	ug/L	U				0.47
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	124-48-1	Dibromochloromethane	1	ug/L	U				0.17
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	74-95-3	Dibromomethane	1	ug/L	U				8.3
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	75-71-8	Dichlorodifluoromethane	1	ug/L	U				200
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	100-41-4	Ethylbenzene	1	ug/L	U				1.5
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	87-68-3	Hexachlorobutadiene	1	ug/L	U				0.01

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	98-82-8	Isopropylbenzene	1	ug/L	U				4.8
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	179601-23-1	m,p-Xylene	2	ug/L	U				13
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	78-93-3	MEK (2-Butanone)	10	ug/L	U				5600
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	75-09-2	Methylene chloride	5	ug/L	UJ				11
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	10	ug/L	U				170
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	91-20-3	Naphthalene	1	ug/L	U				0.17
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	104-51-8	n-Butylbenzene	1	ug/L	U				1000
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	103-65-1	n-Propylbenzene	1	ug/L	U				660
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	95-47-6	o-Xylene	1	ug/L	U				27
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	99-87-6	p-Cymene	1	ug/L	U				16
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	135-98-8	sec-Butylbenzene	1	ug/L	U				2000
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	100-42-5	Styrene	1	ug/L	U				32
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	98-06-6	tert-Butylbenzene	1	ug/L	U				690
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	127-18-4	Tetrachloroethene	1	ug/L	U				10
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	108-88-3	Toluene	1	ug/L	U				57
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	156-60-5	trans-1,2-Dichloroethene	1	ug/L	U				100
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	10061-02-6	trans-1,3-Dichloropropene	1	ug/L	U				0.47
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	79-01-6	Trichloroethene	1	ug/L	U				0.49
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	75-69-4	Trichlorofluoromethane	1	ug/L	U				1100
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8260	75-01-4	Vinyl chloride	1	ug/L	U				0.022
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	95-95-4	2,4,5-Trichlorophenol	4.89	ug/L	U				4.9
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	88-06-2	2,4,6-Trichlorophenol	4.89	ug/L	U				1.5
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	120-83-2	2,4-Dichlorophenol	4.89	ug/L	U				10
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	105-67-9	2,4-Dimethylphenol	4.89	ug/L	U				15
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	51-28-5	2,4-Dinitrophenol	9.79	ug/L	U				10
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	121-14-2	2,4-Dinitrotoluene	4.89	ug/L	U				0.049
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	606-20-2	2,6-Dinitrotoluene	4.89	ug/L	U				0.049
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	91-58-7	2-Chloronaphthalene	4.89	ug/L	U				750
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	95-57-8	2-Chlorophenol	4.89	ug/L	U				14
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	91-57-6	2-Methylnaphthalene	4.89	ug/L	U				4.7
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	95-48-7	2-Methylphenol	4.89	ug/L	U				67
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	88-74-4	2-Nitroaniline	4.89	ug/L	U				17
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	88-75-5	2-Nitrophenol	4.89	ug/L	U				73
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	91-94-1	3,3'-Dichlorobenzidine	4.89	ug/L	U				0.049
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	99-09-2	3-Nitroaniline	4.89	ug/L	U				17
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	4.89	ug/L	U				1.5
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	101-55-3	4-Bromophenyl phenyl ether	4.89	ug/L	U				1.5
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	59-50-7	4-Chloro-3-methylphenol	4.89	ug/L	U				500
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	106-47-8	4-Chloroaniline	4.89	ug/L	U				0.37
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	4.89	ug/L	U				
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	106-44-5	4-Methylphenol	4.89	ug/L	U				53
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	100-01-6	4-Nitroaniline	4.89	ug/L	U				3.8
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	100-02-7	4-Nitrophenol	4.89	ug/L	U				58
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	83-32-9	Acenaphthene	4.89	ug/L	U				15
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	208-96-8	Acenaphthylene	4.89	ug/L	U				0.12
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	62-53-3	Aniline	4.89	ug/L	U				4.1
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	120-12-7	Anthracene	4.89	ug/L	U				0.02
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	92-87-5	Benzidine	4.89	ug/L	U				0.00011
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	56-55-3	Benzo(a)anthracene	4.89	ug/L	U				0.0012
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	65-85-0	Benzoic acid	6.3	ug/L					42

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	100-51-6	Benzyl alcohol	4.89	ug/L	U				8.6
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	111-91-1	Bis (2-chloroethoxy) methane	4.89	ug/L	U				59
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	111-44-4	Bis (2-chloroethyl) ether	4.89	ug/L	U				0.014
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	24.5	ug/L	U				0.32
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	4.89	ug/L	U				200
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	85-68-7	Butyl benzylphthalate	4.89	ug/L	U				0.1
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	86-74-8	Carbazole	4.89	ug/L	U				4
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	218-01-9	Chrysene	4.89	ug/L	U				0.12
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	132-64-9	Dibenzofuran	4.89	ug/L	U				4
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	84-66-2	Diethyl phthalate	4.89	ug/L	U				220
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	131-11-3	Dimethyl phthalate	4.89	ug/L	U				1100
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	84-74-2	Di-n-butylphthalate	4.89	ug/L	U				19
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	117-84-0	Di-n-octylphthalate	4.89	ug/L	U				0.32
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	206-44-0	Fluoranthene	4.89	ug/L	U				0.8
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	86-73-7	Fluorene	4.89	ug/L	U				19
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	118-74-1	Hexachlorobenzene	4.89	ug/L	U				0.000079
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	77-47-4	Hexachlorocyclopentadiene	4.89	ug/L	U				0.41
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	67-72-1	Hexachloroethane	4.89	ug/L	U				0.1
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	78-59-1	Isophorone	4.89	ug/L	U				34
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	98-95-3	Nitrobenzene	4.89	ug/L	U				0.14
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	62-75-9	N-Nitrosodimethylamine	4.89	ug/L	U				0.00011
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	621-64-7	N-Nitrosodi-n-propylamine	4.89	ug/L	U				0.005
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	86-30-6	N-Nitrosodiphenylamine	4.89	ug/L	U				3.3
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	87-86-5	Pentachlorophenol	4.89	ug/L	U				0.03
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	85-01-8	Phenanthrene	4.89	ug/L	U				2.3
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	108-95-2	Phenol	4.89	ug/L	U				160
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	8270	129-00-0	Pyrene	4.89	ug/L	UJ				4.6
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	METALS	7440-36-0	Antimony	2.28	ug/L					5.6
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	METALS	7440-38-2	Arsenic	1.04	ug/L					0.018
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	METALS	7440-39-3	Barium	464	ug/L					220
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	METALS	7440-41-7	Beryllium	0.001	ug/L	U				5.3
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	METALS	7440-43-9	Cadmium	0.001	ug/L	U				0.72
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	METALS	7440-47-3	Chromium	1.05	ug/L					74
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	METALS	7440-50-8	Copper	3.23	ug/L					1.4
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	METALS	7439-89-6	Iron	8250	ug/L					1000
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	METALS	7439-92-1	Lead	0.001	ug/L	U				2.5
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	METALS	7439-96-5	Manganese	1490	ug/L					50
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	METALS	7439-97-6	Mercury	0.001	ug/L	U				0.77
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	METALS	7440-02-0	Nickel	2.48	ug/L					52
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	METALS	7782-49-2	Selenium	1.2	ug/L					3.1
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	METALS	7440-22-4	Silver	0.001	ug/L	U				0.32
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	METALS	7440-28-0	Thallium	0.001	ug/L	U				0.2
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	METALS	7440-66-6	Zinc	85.6	ug/L					120
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	NWTPH-Dx	TPH-D	Diesel Range Organics	0.25	ug/L	U				100
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	NWTPH-Dx	MOIL	Residual Range Organics	0.5	ug/L	U				300
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	0.25	ug/L	U				110
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	PCBS	12674-11-2	Aroclor-1016	0.1	ug/L	U				0.000064
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	PCBS	11104-28-2	Aroclor-1221	0.1	ug/L	U				0.000064
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	PCBS	11141-16-5	Aroclor-1232	0.1	ug/L	U				0.000064
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	PCBS	53469-21-9	Aroclor-1242	0.1	ug/L	U				0.000064

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	PCBS	12672-29-6	Aroclor-1248	0.1	ug/L	U				0.000064
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	PCBS	11097-69-1	Aroclor-1254	0.1	ug/L	U				0.000064
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	PCBS	11096-82-5	Aroclor-1260	0.1	ug/L	U				0.000064
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	19.56	ug/L	U				
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	FD	000413BIL22GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	29.34	ug/L	U				
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8081 Pest	72-54-8	4,4'-DDD	0.04	ug/L	U				0.00012
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8081 Pest	72-55-9	4,4'-DDE	0.03	ug/L	U				0.000018
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8081 Pest	50-29-3	4,4'-DDT	0.09	ug/L	U				0.00003
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8081 Pest	309-00-2	Aldrin	0.04	ug/L	U				0.00000077
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8081 Pest	319-84-6	alpha-BHC	0.02	ug/L	U				0.00036
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8081 Pest	5103-71-9	alpha-Chlordane	0.05	ug/L	U				0.00031
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8081 Pest	319-85-7	beta-BHC	0.1	ug/L	U				0.008
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8081 Pest	319-86-8	delta-BHC	0.05	ug/L	U				0.00036
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8081 Pest	60-57-1	Dieldrin	0.07	ug/L	U				0.0000012
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8081 Pest	959-98-8	Endosulfan I	0.03	ug/L	U				0.056
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8081 Pest	33213-65-9	Endosulfan II	0.05	ug/L	U				0.056
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8081 Pest	1031-07-8	Endosulfan sulfate	0.07	ug/L	U				0.056
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8081 Pest	72-20-8	Endrin	0.08	ug/L	U				0.03
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8081 Pest	7421-93-4	Endrin aldehyde	0.1	ug/L	U				0.036
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8081 Pest	58-89-9	gamma-BHC (Lindane)	0.03	ug/L	U				0.043
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8081 Pest	5103-74-2	gamma-Chlordane	0.02	ug/L	U				0.00031
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8081 Pest	76-44-8	Heptachlor	0.03	ug/L	U				0.0000059
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8081 Pest	1024-57-3	Heptachlor epoxide	0.03	ug/L	U				0.000032
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8081 Pest	72-43-5	Methoxychlor	0.5	ug/L	U				0.02
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8081 Pest	8001-35-2	Toxaphene	1.5	ug/L	U				0.0002
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8151	93-76-5	2,4,5-T	0.4	ug/L	U				160
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8151	93-72-1	2,4,5-TP (Silvex)	0.4	ug/L	U				30
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8151	94-75-7	2,4-D	0.4	ug/L	U				79
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8151	94-82-6	2,4-DB	0.4	ug/L	U				
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8151	120-36-5	2,4-DP (Dichloroprop)	0.4	ug/L	U				
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8151	75-99-0	Dalapon	0.4	ug/L	U				600
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8151	1918-00-9	Dicamba	0.4	ug/L	U				15
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8151	88-85-7	Dinoseb	0.4	ug/L	U				0.48
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8151	94-74-6	MCPA	100	ug/L	U				2.6
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8151	93-65-2	MCPP	100	ug/L	U				16
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	630-20-6	1,1,1,2-Tetrachloroethane	1	ug/L	U				0.57
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	71-55-6	1,1,1-Trichloroethane	1	ug/L	U				76
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	79-34-5	1,1,2,2-Tetrachloroethane	1	ug/L	U				0.076
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	79-00-5	1,1,2-Trichloroethane	1	ug/L	U				0.28
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	75-34-3	1,1-Dichloroethane	1	ug/L	U				2.8
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	75-35-4	1,1-Dichloroethene	1	ug/L	U				130
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	563-58-6	1,1-Dichloropropene	1	ug/L	U				0.47
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	87-61-6	1,2,3-Trichlorobenzene	1	ug/L	U				7
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	96-18-4	1,2,3-Trichloropropane	1	ug/L	U				0.00075
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	120-82-1	1,2,4-Trichlorobenzene	1	ug/L	U				0.071
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	95-63-6	1,2,4-Trimethylbenzene	1	ug/L	U				15
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	96-12-8	1,2-Dibromo-3-Chloropropane	5	ug/L	U				0.00033
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	106-93-4	1,2-Dibromoethane (EDB)	1	ug/L	U				0.0075
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	95-50-1	1,2-Dichlorobenzene	1	ug/L	U				14
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	107-06-2	1,2-Dichloroethane	1	ug/L	U				0.17

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	78-87-5	1,2-Dichloropropane	1	ug/L	U				0.85
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	108-67-8	1,3,5-Trimethylbenzene	1	ug/L	U				26
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	541-73-1	1,3-Dichlorobenzene	1	ug/L	U				0.48
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	142-28-9	1,3-Dichloropropane	1	ug/L	U				0.9
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	106-46-7	1,4-Dichlorobenzene	1	ug/L	U				0.48
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	594-20-7	2,2-Dichloropropane	1	ug/L	U				0.85
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	95-49-8	2-Chlorotoluene	1	ug/L	U				240
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	591-78-6	2-Hexanone	10	ug/L	U				38
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	106-43-4	4-Chlorotoluene	1	ug/L	U				250
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	67-64-1	Acetone	10	ug/L	UJ				1700
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	71-43-2	Benzene	1	ug/L	U				0.46
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	108-86-1	Bromobenzene	1	ug/L	U				62
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	74-97-5	Bromochloromethane	1	ug/L	U				0.13
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	75-27-4	Bromodichloromethane	1	ug/L	U				0.13
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	75-25-2	Bromoform	1	ug/L	U				3.3
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	74-83-9	Bromomethane	1	ug/L	U				7.5
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	75-15-0	Carbon disulfide	1	ug/L	U				15
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	56-23-5	Carbon tetrachloride	1	ug/L	U				0.4
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	108-90-7	Chlorobenzene	1	ug/L	U				25
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	75-00-3	Chloroethane	1	ug/L	U				21000
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	67-66-3	Chloroform	1	ug/L	U				0.22
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	74-87-3	Chloromethane	5	ug/L	U				190
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	156-59-2	cis-1,2-Dichloroethene	1	ug/L	U				36
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	10061-01-5	cis-1,3-Dichloropropene	1	ug/L	U				0.47
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	124-48-1	Dibromochloromethane	1	ug/L	U				0.17
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	74-95-3	Dibromomethane	1	ug/L	U				8.3
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	75-71-8	Dichlorodifluoromethane	1	ug/L	U				200
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	100-41-4	Ethylbenzene	1	ug/L	U				1.5
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	87-68-3	Hexachlorobutadiene	1	ug/L	U				0.01
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	98-82-8	Isopropylbenzene	1	ug/L	U				4.8
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	179601-23-1	m,p-Xylene	2	ug/L	U				13
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	78-93-3	MEK (2-Butanone)	10	ug/L	U				5600
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	75-09-2	Methylene chloride	5	ug/L	UJ				11
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	108-10-1	MIBK (Methyl isobutyl ketone)	10	ug/L	U				170
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	91-20-3	Naphthalene	1	ug/L	U				0.17
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	104-51-8	n-Butylbenzene	1	ug/L	U				1000
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	103-65-1	n-Propylbenzene	1	ug/L	U				660
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	95-47-6	o-Xylene	1	ug/L	U				27
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	99-87-6	p-Cymene	1	ug/L	U				16
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	135-98-8	sec-Butylbenzene	1	ug/L	U				2000
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	100-42-5	Styrene	1	ug/L	U				32
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	98-06-6	tert-Butylbenzene	1	ug/L	U				690
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	127-18-4	Tetrachloroethene	1	ug/L	U				10
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	108-88-3	Toluene	1	ug/L	U				57
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	156-60-5	trans-1,2-Dichloroethene	1	ug/L	U				100
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	10061-02-6	trans-1,3-Dichloropropene	1	ug/L	U				0.47
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	79-01-6	Trichloroethene	1	ug/L	U				0.49
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	75-69-4	Trichlorofluoromethane	1	ug/L	U				1100
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8260	75-01-4	Vinyl chloride	1	ug/L	U				0.022
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	95-95-4	2,4,5-Trichlorophenol	4.76	ug/L	U				4.9

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	88-06-2	2,4,6-Trichlorophenol	4.76	ug/L	U				1.5
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	120-83-2	2,4-Dichlorophenol	4.76	ug/L	U				10
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	105-67-9	2,4-Dimethylphenol	4.76	ug/L	U				15
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	51-28-5	2,4-Dinitrophenol	9.52	ug/L	U				10
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	121-14-2	2,4-Dinitrotoluene	4.76	ug/L	UJ				0.049
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	606-20-2	2,6-Dinitrotoluene	4.76	ug/L	UJ				0.049
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	91-58-7	2-Chloronaphthalene	4.76	ug/L	UJ				750
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	95-57-8	2-Chlorophenol	4.76	ug/L	U				14
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	91-57-6	2-Methylnaphthalene	4.76	ug/L	UJ				4.7
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	95-48-7	2-Methylphenol	4.76	ug/L	U				67
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	88-74-4	2-Nitroaniline	4.76	ug/L	UJ				17
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	88-75-5	2-Nitrophenol	4.76	ug/L	U				73
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	91-94-1	3,3'-Dichlorobenzidine	4.76	ug/L	UJ				0.049
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	99-09-2	3-Nitroaniline	4.76	ug/L	UJ				17
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	534-52-1	4,6-Dinitro-2-methylphenol	4.76	ug/L	U				1.5
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	101-55-3	4-Bromophenyl phenyl ether	4.76	ug/L	UJ				1.5
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	59-50-7	4-Chloro-3-methylphenol	4.76	ug/L	U				500
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	106-47-8	4-Chloroaniline	4.76	ug/L	UJ				0.37
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	7005-72-3	4-Chlorophenyl phenyl ether	4.76	ug/L	UJ				
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	106-44-5	4-Methylphenol	4.76	ug/L	U				53
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	100-01-6	4-Nitroaniline	4.76	ug/L	UJ				3.8
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	100-02-7	4-Nitrophenol	4.76	ug/L	U				58
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	83-32-9	Acenaphthene	4.76	ug/L	UJ				15
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	208-96-8	Acenaphthylene	4.76	ug/L	UJ				0.12
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	62-53-3	Aniline	4.76	ug/L	UJ				4.1
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	120-12-7	Anthracene	4.76	ug/L	UJ				0.02
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	92-87-5	Benzidine	4.76	ug/L	UJ				0.00011
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	56-55-3	Benzo(a)anthracene	4.76	ug/L	UJ				0.0012
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	50-32-8	Benzo(a)pyrene	4.76	ug/L	UJ				0.00012
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	205-99-2	Benzo(b)fluoranthene	4.76	ug/L	UJ				0.0012
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	191-24-2	Benzo(g,h,i)perylene	4.76	ug/L	UJ				0.012
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	207-08-9	Benzo(k)fluoranthene	4.76	ug/L	UJ				0.012
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	65-85-0	Benzoic acid	5.47	ug/L					42
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	100-51-6	Benzyl alcohol	4.76	ug/L	UJ				8.6
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	111-91-1	Bis (2-chloroethoxy) methane	4.76	ug/L	UJ				59
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	111-44-4	Bis (2-chloroethyl) ether	4.76	ug/L	UJ				0.014
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	117-81-7	Bis (2-ethylhexyl) phthalate	23.8	ug/L	UJ				0.32
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	39638-32-9	bis(2-Chloroisopropyl) ether	4.76	ug/L	UJ				200
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	85-68-7	Butyl benzylphthalate	4.76	ug/L	UJ				0.1
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	86-74-8	Carbazole	4.76	ug/L	UJ				4
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	218-01-9	Chrysene	4.76	ug/L	UJ				0.12
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	53-70-3	Dibenzo(a,h)anthracene	4.76	ug/L	UJ				0.00012
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	132-64-9	Dibenzofuran	4.76	ug/L	UJ				4
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	84-66-2	Diethyl phthalate	4.76	ug/L	UJ				220
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	131-11-3	Dimethyl phthalate	4.76	ug/L	UJ				1100
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	84-74-2	Di-n-butylphthalate	4.76	ug/L	UJ				19
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	117-84-0	Di-n-octylphthalate	4.76	ug/L	UJ				0.32
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	206-44-0	Fluoranthene	4.76	ug/L	UJ				0.8
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	86-73-7	Fluorene	4.76	ug/L	UJ				19
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	118-74-1	Hexachlorobenzene	4.76	ug/L	UJ				0.000079

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	77-47-4	Hexachlorocyclopentadiene	4.76	ug/L	UJ				0.41
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	67-72-1	Hexachloroethane	4.76	ug/L	UJ				0.1
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	193-39-5	Indeno(1,2,3-c,d)pyrene	4.76	ug/L	UJ				0.0012
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	78-59-1	Isophorone	4.76	ug/L	UJ				34
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	98-95-3	Nitrobenzene	4.76	ug/L	UJ				0.14
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	62-75-9	N-Nitrosodimethylamine	4.76	ug/L	UJ				0.00011
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	621-64-7	N-Nitrosodi-n-propylamine	4.76	ug/L	UJ				0.005
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	86-30-6	N-Nitrosodiphenylamine	4.76	ug/L	UJ				3.3
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	87-86-5	Pentachlorophenol	4.76	ug/L	U				0.03
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	85-01-8	Phenanthrene	4.76	ug/L	UJ				2.3
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	108-95-2	Phenol	4.76	ug/L	U				160
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	8270	129-00-0	Pyrene	4.76	ug/L	UJ				4.6
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	METALS	7440-36-0	Antimony	1	ug/L	U				5.6
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	METALS	7440-38-2	Arsenic	1	ug/L	U				0.018
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	METALS	7440-39-3	Barium	90.4	ug/L					220
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	METALS	7440-41-7	Beryllium	1	ug/L	U				5.3
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	METALS	7440-43-9	Cadmium	1	ug/L	U				0.72
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	METALS	7440-47-3	Chromium	1	ug/L	U				74
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	METALS	7440-50-8	Copper	2.21	ug/L					1.4
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	METALS	7439-89-6	Iron	8140	ug/L					1000
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	METALS	7439-92-1	Lead	1	ug/L	U				2.5
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	METALS	7439-96-5	Manganese	1530	ug/L	J				50
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	METALS	7439-97-6	Mercury	1	ug/L	U				0.77
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	METALS	7440-02-0	Nickel	2.22	ug/L					52
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	METALS	7782-49-2	Selenium	1.02	ug/L					3.1
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	METALS	7440-22-4	Silver	1	ug/L	U				0.32
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	METALS	7440-28-0	Thallium	1	ug/L	U				0.2
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	METALS	7440-66-6	Zinc	10	ug/L	U				120
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	NWTPH-Dx	TPH-D	Diesel Range Organics	250	ug/L	U				100
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	NWTPH-Dx	MOIL	Residual Range Organics	500	ug/L	U				300
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	NWTPH-Gx	TPH-G	Gasoline Range Organics	250	ug/L	U				110
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	PCBS	12674-11-2	Aroclor-1016	0.1	ug/L	U				0.000064
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	PCBS	11104-28-2	Aroclor-1221	0.1	ug/L	U				0.000064
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	PCBS	11141-16-5	Aroclor-1232	0.1	ug/L	U				0.000064
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	PCBS	53469-21-9	Aroclor-1242	0.1	ug/L	U				0.000064
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	PCBS	12672-29-6	Aroclor-1248	0.1	ug/L	U				0.000064
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	PCBS	11097-69-1	Aroclor-1254	0.1	ug/L	U				0.000064
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	PCBS	11096-82-5	Aroclor-1260	0.1	ug/L	U				0.000064
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	Tot_PAH_Calc	TOT_HPAH_KM	Calc Total HPAHs (KM, Capped-MDL)	47.6	ug/L	U				
SEEP	723683.165	7834846.284	4/13/2000	0 - 0	WG	N	000413BIL21GW	Tot_PAH_Calc	TOT_LPAH_KM	Calc Total LPAHs (KM, Capped-MDL)	28.56	ug/L	U				
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	6010	7429-90-5	Aluminum	5280	mg/kg	J	50	7392		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	6010	7440-39-3	Barium	60.3	mg/kg		330	1440		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	6010	7440-41-7	Beryllium	0.162	mg/kg	U	15	15		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	6010	7440-70-2	Calcium	2970	mg/kg					
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	6010	7440-47-3	Chromium	43.2	mg/kg	J	0.29	0.29		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	6010	7440-48-4	Cobalt	7.28	mg/kg		2.2	2.2		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	6010	7440-50-8	Copper	24.6	mg/kg		28	298		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	6010	7439-89-6	Iron	15900	mg/kg	J	5280	5280		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	6010	7439-95-4	Magnesium	3240	mg/kg	J				
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	6010	7439-96-5	Manganese	206	mg/kg	J	173	173		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	6010	7440-02-0	Nickel	22.1	mg/kg	J	38	134		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	6010	7440-09-7	Potassium	268	mg/kg	J				
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	6010	7440-23-5	Sodium	419	mg/kg					
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	6010	7440-62-2	Vanadium	38.7	mg/kg		7.8	37		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	6010	7440-66-6	Zinc	82.7	mg/kg		46	2208		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	6020	7440-36-0	Antimony	1.75	mg/kg	J	0.27	3		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	6020	7440-38-2	Arsenic	3.03	mg/kg		0.43	0.43		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	6020	7440-43-9	Cadmium	0.824	mg/kg		0.36	0.68		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	6020	7439-92-1	Lead	1080	mg/kg	J	11	192		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	6020	7782-49-2	Selenium	0.388	mg/kg	U	0.52	37		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	6020	7440-22-4	Silver	0.138	mg/kg	J	4.2	37		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	6020	7440-28-0	Thallium	0.0803	mg/kg	J	0.05	0.075		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	7471	7439-97-6	Mercury	0.023	mg/kg	U	0.013	1.1		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	8082	12674-11-2	Aroclor-1016	0.0012	mg/kg	U	0.041	0.1		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	8082	11104-28-2	Aroclor-1221	0.00516	mg/kg	U	0.041	0.19		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	8082	11141-16-5	Aroclor-1232	0.00412	mg/kg	U	0.041	0.16		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	8082	53469-21-9	Aroclor-1242	0.0022	mg/kg	U	0.041	0.22		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	8082	12672-29-6	Aroclor-1248	0.00547	mg/kg	U	0.041	0.22		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	8082	11097-69-1	Aroclor-1254	0.00171	mg/kg	U	0.029	0.029		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	8082	11096-82-5	Aroclor-1260	0.0235	mg/kg		0.041	0.23		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	NWTPH-DX	TPH-D	Diesel Range Organics	30.3	mg/kg		260	1100		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	NWTPH-DX	MOIL	Residual Range Organics	168	mg/kg		260	2800		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.000649	mg/kg	U	1.8	1.8		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.00103	mg/kg	U	2.2	2.2		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000501	mg/kg	U	2.2	2.2		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	PSEP Butyltins	688-73-3	Tributyltin	0.00143	mg/kg	U	2.2	2.2		
TRA01	723587.016	7834018.221	12/4/2001	0 - 1	SO	N	011204TRA01SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0252	mg/kg		0.0073	0.23		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	6010	7429-90-5	Aluminum	8170	mg/kg	J	50	7392		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	6010	7440-39-3	Barium	69.8	mg/kg		330	1440		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	6010	7440-41-7	Beryllium	0.295	mg/kg	J	15	15		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	6010	7440-70-2	Calcium	5530	mg/kg					
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	6010	7440-47-3	Chromium	27.1	mg/kg	J	0.29	0.29		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	6010	7440-48-4	Cobalt	13.5	mg/kg		2.2	2.2		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	6010	7440-50-8	Copper	42.7	mg/kg		28	298		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	6010	7439-89-6	Iron	22700	mg/kg	J	5280	5280		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	6010	7439-95-4	Magnesium	5670	mg/kg	J				
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	6010	7439-96-5	Manganese	475	mg/kg	J	173	173		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	6010	7440-02-0	Nickel	20.7	mg/kg	J	38	134		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	6010	7440-09-7	Potassium	509	mg/kg					
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	6010	7440-23-5	Sodium	174	mg/kg	U				
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	6010	7440-62-2	Vanadium	49.8	mg/kg		7.8	37		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	6010	7440-66-6	Zinc	85.4	mg/kg		46	2208		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	6020	7440-36-0	Antimony	1.15	mg/kg	J	0.27	3		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	6020	7440-38-2	Arsenic	7.58	mg/kg		0.43	0.43		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	6020	7440-43-9	Cadmium	1.16	mg/kg		0.36	0.68		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	6020	7439-92-1	Lead	767	mg/kg	J	11	192		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	6020	7782-49-2	Selenium	0.462	mg/kg	U	0.52	37		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	6020	7440-22-4	Silver	0.156	mg/kg	J	4.2	37		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	6020	7440-28-0	Thallium	0.152	mg/kg	J	0.05	0.075		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	7471	7439-97-6	Mercury	0.0518	mg/kg		0.013	1.1		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	8082	12674-11-2	Aroclor-1016	0.00138	mg/kg	U	0.041	0.1		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	8082	11104-28-2	Aroclor-1221	0.00591	mg/kg	U	0.041	0.19		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	8082	11141-16-5	Aroclor-1232	0.00472	mg/kg	U	0.041	0.16		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	8082	53469-21-9	Aroclor-1242	0.00252	mg/kg	U	0.041	0.22		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	8082	12672-29-6	Aroclor-1248	0.00628	mg/kg	U	0.041	0.22		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	8082	11097-69-1	Aroclor-1254	0.00196	mg/kg	U	0.029	0.029		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	8082	11096-82-5	Aroclor-1260	0.00196	mg/kg	U	0.041	0.23		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	NWTPH-DX	TPH-D	Diesel Range Organics	70.6	mg/kg		260	1100		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	NWTPH-DX	MOIL	Residual Range Organics	1280	mg/kg		260	2800		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.000802	mg/kg	U	1.8	1.8		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.00177	mg/kg	U	2.2	2.2		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.00062	mg/kg	U	2.2	2.2		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	PSEP Butyltins	688-73-3	Tributyltin	0.00128	mg/kg	U	2.2	2.2		
TRA01	723587.016	7834018.221	12/4/2001	3 - 3	SO	N	011204TRA14SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.00392	mg/kg	U	0.0073	0.23		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	6010	7429-90-5	Aluminum	2260	mg/kg	J	50	7392		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	6010	7440-39-3	Barium	34	mg/kg		330	1440		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	6010	7440-41-7	Beryllium	0.153	mg/kg	U	15	15		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	6010	7440-70-2	Calcium	1760	mg/kg					
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	6010	7440-47-3	Chromium	25.6	mg/kg	J	0.29	0.29		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	6010	7440-48-4	Cobalt	4.63	mg/kg		2.2	2.2		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	6010	7440-50-8	Copper	37.9	mg/kg		28	298		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	6010	7439-89-6	Iron	15500	mg/kg	J	5280	5280		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	6010	7439-95-4	Magnesium	1630	mg/kg	J				
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	6010	7439-96-5	Manganese	226	mg/kg	J	173	173		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	6010	7440-02-0	Nickel	15.9	mg/kg	J	38	134		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	6010	7440-09-7	Potassium	137	mg/kg	J				
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	6010	7440-23-5	Sodium	137	mg/kg	U				
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	6010	7440-62-2	Vanadium	17	mg/kg		7.8	37		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	6010	7440-66-6	Zinc	121	mg/kg		46	2208		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	6020	7440-36-0	Antimony	2.83	mg/kg	U	0.27	3		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	6020	7440-38-2	Arsenic	2.08	mg/kg		0.43	0.43		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	6020	7440-43-9	Cadmium	1.19	mg/kg		0.36	0.68		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	6020	7439-92-1	Lead	612	mg/kg	J	11	192		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	6020	7782-49-2	Selenium	0.384	mg/kg	J	0.52	37		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	6020	7440-22-4	Silver	0.084	mg/kg	J	4.2	37		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	6020	7440-28-0	Thallium	0.0446	mg/kg	U	0.05	0.075		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	7471	7439-97-6	Mercury	0.0277	mg/kg	U	0.013	1.1		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	8082	12674-11-2	Aroclor-1016	0.00116	mg/kg	U	0.041	0.1		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	8082	11104-28-2	Aroclor-1221	0.00498	mg/kg	U	0.041	0.19		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	8082	11141-16-5	Aroclor-1232	0.00398	mg/kg	U	0.041	0.16		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	8082	53469-21-9	Aroclor-1242	0.00213	mg/kg	U	0.041	0.22		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	8082	12672-29-6	Aroclor-1248	0.00529	mg/kg	U	0.041	0.22		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	8082	11097-69-1	Aroclor-1254	0.00165	mg/kg	U	0.029	0.029		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	8082	11096-82-5	Aroclor-1260	0.0422	mg/kg		0.041	0.23		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	NWTPH-DX	TPH-D	Diesel Range Organics	70.4	mg/kg		260	1100		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	NWTPH-DX	MOIL	Residual Range Organics	550	mg/kg		260	2800		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.000584	mg/kg	U	1.8	1.8		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.00129	mg/kg	U	2.2	2.2		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000451	mg/kg	U	2.2	2.2		
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	PSEP Butyltins	688-73-3	Tributyltin	0.00093	mg/kg	U	2.2	2.2		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
TRA02	723556.471	7834068.204	12/4/2001	0 - 1	SO	N	011204TRA02SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0439	mg/kg		0.0073	0.23		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	6010	7429-90-5	Aluminum	2370	mg/kg	J	50	7392		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	6010	7440-39-3	Barium	27.7	mg/kg		330	1440		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	6010	7440-41-7	Beryllium	0.157	mg/kg	U	15	15		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	6010	7440-70-2	Calcium	1830	mg/kg					
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	6010	7440-47-3	Chromium	171	mg/kg	J	0.29	0.29		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	6010	7440-48-4	Cobalt	7.46	mg/kg		2.2	2.2		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	6010	7440-50-8	Copper	25.8	mg/kg		28	298		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	6010	7439-89-6	Iron	17200	mg/kg	J	5280	5280		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	6010	7439-95-4	Magnesium	6880	mg/kg	J				
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	6010	7439-96-5	Manganese	211	mg/kg	J	173	173		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	6010	7440-02-0	Nickel	74.4	mg/kg	J	38	134		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	6010	7440-09-7	Potassium	119	mg/kg	J				
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	6010	7440-23-5	Sodium	141	mg/kg	U				
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	6010	7440-62-2	Vanadium	23.4	mg/kg		7.8	37		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	6010	7440-66-6	Zinc	75.6	mg/kg		46	2208		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	6020	7440-36-0	Antimony	1.74	mg/kg	J	0.27	3		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	6020	7440-38-2	Arsenic	4.69	mg/kg		0.43	0.43		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	6020	7440-43-9	Cadmium	0.75	mg/kg		0.36	0.68		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	6020	7439-92-1	Lead	193	mg/kg	J	11	192		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	6020	7782-49-2	Selenium	0.376	mg/kg	U	0.52	37		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	6020	7440-22-4	Silver	0.0837	mg/kg	J	4.2	37		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	6020	7440-28-0	Thallium	0.0477	mg/kg	J	0.05	0.075		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	7471	7439-97-6	Mercury	0.0283	mg/kg	U	0.013	1.1		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	8082	12674-11-2	Aroclor-1016	0.00122	mg/kg	U	0.041	0.1		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	8082	11104-28-2	Aroclor-1221	0.00524	mg/kg	U	0.041	0.19		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	8082	11141-16-5	Aroclor-1232	0.00418	mg/kg	U	0.041	0.16		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	8082	53469-21-9	Aroclor-1242	0.00224	mg/kg	U	0.041	0.22		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	8082	12672-29-6	Aroclor-1248	0.00557	mg/kg	U	0.041	0.22		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	8082	11097-69-1	Aroclor-1254	0.00174	mg/kg	U	0.029	0.029		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	8082	11096-82-5	Aroclor-1260	0.0432	mg/kg		0.041	0.23		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	NWTPH-DX	TPH-D	Diesel Range Organics	59.3	mg/kg		260	1100		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	NWTPH-DX	MOIL	Residual Range Organics	1010	mg/kg		260	2800		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.000577	mg/kg	U	1.8	1.8		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.000918	mg/kg	U	2.2	2.2		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000445	mg/kg	U	2.2	2.2		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	PSEP Butyltins	688-73-3	Tributyltin	0.00127	mg/kg	U	2.2	2.2		
TRA03	723590.954	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA03SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0449	mg/kg		0.0073	0.23		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	6010	7429-90-5	Aluminum	6280	mg/kg	J	50	7392		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	6010	7440-39-3	Barium	50.4	mg/kg		330	1440		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	6010	7440-41-7	Beryllium	0.248	mg/kg	J	15	15		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	6010	7440-70-2	Calcium	4600	mg/kg					
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	6010	7440-47-3	Chromium	38.2	mg/kg	J	0.29	0.29		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	6010	7440-48-4	Cobalt	10.8	mg/kg		2.2	2.2		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	6010	7440-50-8	Copper	31.1	mg/kg		28	298		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	6010	7439-89-6	Iron	19100	mg/kg	J	5280	5280		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	6010	7439-95-4	Magnesium	5620	mg/kg	J				
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	6010	7439-96-5	Manganese	350	mg/kg	J	173	173		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	6010	7440-02-0	Nickel	21	mg/kg	J	38	134		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	6010	7440-09-7	Potassium	363	mg/kg	J				

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	6010	7440-23-5	Sodium	183	mg/kg	J				
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	6010	7440-62-2	Vanadium	36.8	mg/kg		7.8	37		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	6010	7440-66-6	Zinc	69.6	mg/kg		46	2208		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	6020	7440-36-0	Antimony	1.1	mg/kg	J	0.27	3		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	6020	7440-38-2	Arsenic	7.73	mg/kg		0.43	0.43		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	6020	7440-43-9	Cadmium	0.646	mg/kg		0.36	0.68		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	6020	7439-92-1	Lead	75.4	mg/kg	J	11	192		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	6020	7782-49-2	Selenium	0.434	mg/kg	U	0.52	37		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	6020	7440-22-4	Silver	0.105	mg/kg	J	4.2	37		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	6020	7440-28-0	Thallium	0.103	mg/kg	J	0.05	0.075		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	7471	7439-97-6	Mercury	0.0329	mg/kg	J	0.013	1.1		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	8082	12674-11-2	Aroclor-1016	0.00128	mg/kg	U	0.041	0.1		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	8082	11104-28-2	Aroclor-1221	0.00549	mg/kg	U	0.041	0.19		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	8082	11141-16-5	Aroclor-1232	0.00439	mg/kg	U	0.041	0.16		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	8082	53469-21-9	Aroclor-1242	0.00234	mg/kg	U	0.041	0.22		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	8082	12672-29-6	Aroclor-1248	0.00583	mg/kg	U	0.041	0.22		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	8082	11097-69-1	Aroclor-1254	0.00182	mg/kg	U	0.029	0.029		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	8082	11096-82-5	Aroclor-1260	0.00264	mg/kg	J	0.041	0.23		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	NWTPH-DX	TPH-D	Diesel Range Organics	14.6	mg/kg	U	260	1100		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	NWTPH-DX	MOIL	Residual Range Organics	35	mg/kg	J	260	2800		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.000759	mg/kg	U	1.8	1.8		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.00167	mg/kg	U	2.2	2.2		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000586	mg/kg	U	2.2	2.2		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	PSEP Butyltins	688-73-3	Tributyltin	0.00121	mg/kg	U	2.2	2.2		
TRA03	723590.954	7834014.013	12/4/2001	1.75 - 1.75	SO	N	011204TRA13SS	Tot_Aroclor_Calc	PCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.00446	mg/kg		0.0073	0.23		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	6010	7429-90-5	Aluminum	2560	mg/kg	J	50	7392		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	6010	7440-39-3	Barium	45.5	mg/kg		330	1440		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	6010	7440-41-7	Beryllium	0.176	mg/kg	U	15	15		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	6010	7440-70-2	Calcium	2230	mg/kg					
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	6010	7440-47-3	Chromium	560	mg/kg	J	0.29	0.29		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	6010	7440-48-4	Cobalt	12.1	mg/kg		2.2	2.2		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	6010	7440-50-8	Copper	116	mg/kg		28	298		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	6010	7439-89-6	Iron	46500	mg/kg	J	5280	5280		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	6010	7439-95-4	Magnesium	15300	mg/kg	J				
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	6010	7439-96-5	Manganese	558	mg/kg	J	173	173		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	6010	7440-02-0	Nickel	269	mg/kg	J	38	134		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	6010	7440-09-7	Potassium	158	mg/kg	J				
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	6010	7440-23-5	Sodium	158	mg/kg	U				
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	6010	7440-62-2	Vanadium	28.8	mg/kg		7.8	37		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	6010	7440-66-6	Zinc	211	mg/kg		46	2208		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	6020	7440-36-0	Antimony	2.56	mg/kg	J	0.27	3		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	6020	7440-38-2	Arsenic	9.57	mg/kg		0.43	0.43		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	6020	7440-43-9	Cadmium	1.82	mg/kg		0.36	0.68		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	6020	7439-92-1	Lead	462	mg/kg	J	11	192		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	6020	7782-49-2	Selenium	0.421	mg/kg	U	0.52	37		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	6020	7440-22-4	Silver	0.101	mg/kg	J	4.2	37		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	6020	7440-28-0	Thallium	0.0516	mg/kg	U	0.05	0.075		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	7471	7439-97-6	Mercury	0.0666	mg/kg		0.013	1.1		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	8082	12674-11-2	Aroclor-1016	0.00125	mg/kg	U	0.041	0.1		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	8082	11104-28-2	Aroclor-1221	0.00537	mg/kg	U	0.041	0.19		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	8082	11141-16-5	Aroclor-1232	0.00428	mg/kg	U	0.041	0.16		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	8082	53469-21-9	Aroclor-1242	0.00229	mg/kg	U	0.041	0.22		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	8082	12672-29-6	Aroclor-1248	0.0057	mg/kg	U	0.041	0.22		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	8082	11097-69-1	Aroclor-1254	0.00178	mg/kg	U	0.029	0.029		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	8082	11096-82-5	Aroclor-1260	0.0988	mg/kg		0.041	0.23		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	NWTPH-DX	TPH-D	Diesel Range Organics	54.7	mg/kg		260	1100		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	NWTPH-DX	MOIL	Residual Range Organics	453	mg/kg		260	2800		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.0007	mg/kg	U	1.8	1.8		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.00154	mg/kg	U	2.2	2.2		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000541	mg/kg	U	2.2	2.2		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	PSEP Butyltins	688-73-3	Tributyltin	0.00111	mg/kg	U	2.2	2.2		
TRA04	723563.294	7834030.624	12/4/2001	0 - 1	SO	N	011204TRA04SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.101	mg/kg		0.0073	0.23		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	6010	7429-90-5	Aluminum	2800	mg/kg	J	50	7392		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	6010	7440-39-3	Barium	29.3	mg/kg		330	1440		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	6010	7440-41-7	Beryllium	0.171	mg/kg	U	15	15		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	6010	7440-70-2	Calcium	1800	mg/kg					
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	6010	7440-47-3	Chromium	70.1	mg/kg	J	0.29	0.29		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	6010	7440-48-4	Cobalt	5.2	mg/kg		2.2	2.2		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	6010	7440-50-8	Copper	26.9	mg/kg		28	298		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	6010	7439-89-6	Iron	15500	mg/kg	J	5280	5280		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	6010	7439-95-4	Magnesium	2770	mg/kg	J				
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	6010	7439-96-5	Manganese	229	mg/kg	J	173	173		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	6010	7440-02-0	Nickel	33.9	mg/kg	J	38	134		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	6010	7440-09-7	Potassium	144	mg/kg	J				
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	6010	7440-23-5	Sodium	154	mg/kg	U				
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	6010	7440-62-2	Vanadium	24.8	mg/kg		7.8	37		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	6010	7440-66-6	Zinc	91.9	mg/kg		46	2208		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	6020	7440-36-0	Antimony	1.52	mg/kg	J	0.27	3		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	6020	7440-38-2	Arsenic	2.37	mg/kg		0.43	0.43		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	6020	7440-43-9	Cadmium	1.04	mg/kg		0.36	0.68		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	6020	7439-92-1	Lead	627	mg/kg	J	11	192		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	6020	7782-49-2	Selenium	0.409	mg/kg	U	0.52	37		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	6020	7440-22-4	Silver	0.0847	mg/kg	J	4.2	37		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	6020	7440-28-0	Thallium	0.0519	mg/kg	J	0.05	0.075		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	7471	7439-97-6	Mercury	0.105	mg/kg		0.013	1.1		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	8082	12674-11-2	Aroclor-1016	0.00125	mg/kg	U	0.041	0.1		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	8082	11104-28-2	Aroclor-1221	0.00534	mg/kg	U	0.041	0.19		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	8082	11141-16-5	Aroclor-1232	0.00426	mg/kg	U	0.041	0.16		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	8082	53469-21-9	Aroclor-1242	0.00228	mg/kg	U	0.041	0.22		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	8082	12672-29-6	Aroclor-1248	0.00567	mg/kg	U	0.041	0.22		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	8082	11097-69-1	Aroclor-1254	0.00177	mg/kg	U	0.029	0.029		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	8082	11096-82-5	Aroclor-1260	0.121	mg/kg		0.041	0.23		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	NWTPH-DX	TPH-D	Diesel Range Organics	48.2	mg/kg		260	1100		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	NWTPH-DX	MOIL	Residual Range Organics	525	mg/kg		260	2800		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.000675	mg/kg	U	1.8	1.8		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.00149	mg/kg	U	2.2	2.2		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000522	mg/kg	U	2.2	2.2		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	PSEP Butyltins	688-73-3	Tributyltin	0.00149	mg/kg	U	2.2	2.2		
TRA05	723587.016	7834009.693	12/4/2001	0 - 1	SO	N	011204TRA05SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.123	mg/kg		0.0073	0.23		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	6010	7429-90-5	Aluminum	8620	mg/kg	J	50	7392		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	6010	7440-39-3	Barium	72	mg/kg		330	1440		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	6010	7440-41-7	Beryllium	0.38	mg/kg	J	15	15		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	6010	7440-70-2	Calcium	5650	mg/kg					
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	6010	7440-47-3	Chromium	19	mg/kg	J	0.29	0.29		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	6010	7440-48-4	Cobalt	14.1	mg/kg		2.2	2.2		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	6010	7440-50-8	Copper	37.9	mg/kg		28	298		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	6010	7439-89-6	Iron	22900	mg/kg	J	5280	5280		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	6010	7439-95-4	Magnesium	6860	mg/kg	J				
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	6010	7439-96-5	Manganese	531	mg/kg	J	173	173		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	6010	7440-02-0	Nickel	18	mg/kg	J	38	134		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	6010	7440-09-7	Potassium	499	mg/kg					
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	6010	7440-23-5	Sodium	267	mg/kg					
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	6010	7440-62-2	Vanadium	46	mg/kg		7.8	37		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	6010	7440-66-6	Zinc	47.8	mg/kg		46	2208		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	6020	7440-36-0	Antimony	3.33	mg/kg	U	0.27	3		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	6020	7440-38-2	Arsenic	7.64	mg/kg		0.43	0.43		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	6020	7440-43-9	Cadmium	0.853	mg/kg		0.36	0.68		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	6020	7439-92-1	Lead	30.2	mg/kg	J	11	192		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	6020	7782-49-2	Selenium	0.501	mg/kg	J	0.52	37		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	6020	7440-22-4	Silver	0.159	mg/kg	J	4.2	37		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	6020	7440-28-0	Thallium	0.255	mg/kg	J	0.05	0.075		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	7471	7439-97-6	Mercury	0.0254	mg/kg	J	0.013	1.1		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	8082	12674-11-2	Aroclor-1016	0.00128	mg/kg	U	0.041	0.1		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	8082	11104-28-2	Aroclor-1221	0.00547	mg/kg	U	0.041	0.19		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	8082	11141-16-5	Aroclor-1232	0.00436	mg/kg	U	0.041	0.16		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	8082	53469-21-9	Aroclor-1242	0.00233	mg/kg	U	0.041	0.22		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	8082	12672-29-6	Aroclor-1248	0.0058	mg/kg	U	0.041	0.22		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	8082	11097-69-1	Aroclor-1254	0.00181	mg/kg	U	0.029	0.029		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	8082	11096-82-5	Aroclor-1260	0.00181	mg/kg	U	0.041	0.23		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	NWTPH-DX	TPH-D	Diesel Range Organics	14.2	mg/kg	U	260	1100		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	NWTPH-DX	MOIL	Residual Range Organics	29.8	mg/kg	J	260	2800		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	PSEP Butyltins	1002-53-5	Dibutyltin	0.000774	mg/kg	U	1.8	1.8		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	PSEP Butyltins	78763-54-9	Monobutyltin	0.00171	mg/kg	U	2.2	2.2		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000598	mg/kg	U	2.2	2.2		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	PSEP Butyltins	688-73-3	Tributyltin	0.00123	mg/kg	U	2.2	2.2		
TRA05	723587.016	7834009.693	12/6/2001	2.5 - 2.5	SO	N	011206TRA16ss	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.00362	mg/kg	U	0.0073	0.23		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	6010	7429-90-5	Aluminum	1990	mg/kg	J	50	7392		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	6010	7440-39-3	Barium	36.4	mg/kg		330	1440		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	6010	7440-41-7	Beryllium	0.42	mg/kg	U	15	15		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	6010	7440-70-2	Calcium	2400	mg/kg					
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	6010	7440-47-3	Chromium	642	mg/kg	J	0.29	0.29		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	6010	7440-48-4	Cobalt	13.3	mg/kg		2.2	2.2		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	6010	7440-50-8	Copper	117	mg/kg		28	298		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	6010	7439-89-6	Iron	44900	mg/kg	J	5280	5280		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	6010	7439-95-4	Magnesium	18600	mg/kg	J				
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	6010	7439-96-5	Manganese	540	mg/kg	J	173	173		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	6010	7440-02-0	Nickel	334	mg/kg	J	38	134		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	6010	7440-09-7	Potassium	142	mg/kg	J				
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	6010	7440-23-5	Sodium	210	mg/kg	U				
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	6010	7440-62-2	Vanadium	25	mg/kg		7.8	37		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	6010	7440-66-6	Zinc	228	mg/kg		46	2208		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	6020	7440-36-0	Antimony	2.69	mg/kg	J	0.27	3		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	6020	7440-38-2	Arsenic	13.6	mg/kg		0.43	0.43		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	6020	7440-43-9	Cadmium	1.45	mg/kg		0.36	0.68		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	6020	7439-92-1	Lead	355	mg/kg	J	11	192		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	6020	7782-49-2	Selenium	3.15	mg/kg	U	0.52	37		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	6020	7440-22-4	Silver	0.108	mg/kg	J	4.2	37		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	6020	7440-28-0	Thallium	0.525	mg/kg	U	0.05	0.075		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	7471	7439-97-6	Mercury	0.044	mg/kg		0.013	1.1		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	8082	12674-11-2	Aroclor-1016	0.0117	mg/kg	U	0.041	0.1		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	8082	11104-28-2	Aroclor-1221	0.0117	mg/kg	U	0.041	0.19		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	8082	11141-16-5	Aroclor-1232	0.0117	mg/kg	U	0.041	0.16		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	8082	53469-21-9	Aroclor-1242	0.0117	mg/kg	U	0.041	0.22		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	8082	12672-29-6	Aroclor-1248	0.0117	mg/kg	U	0.041	0.22		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	8082	11097-69-1	Aroclor-1254	0.0117	mg/kg	U	0.029	0.029		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	8082	11096-82-5	Aroclor-1260	0.0696	mg/kg		0.041	0.23		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	NWTPH-DX	TPH-D	Diesel Range Organics	34.7	mg/kg		260	1100		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	NWTPH-DX	MOIL	Residual Range Organics	266	mg/kg		260	2800		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.0448	mg/kg		1.8	1.8		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.0105	mg/kg		2.2	2.2		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.00135	mg/kg	U	2.2	2.2		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	FD	011204TRA08SS	PSEP Butyltins	688-73-3	Tributyltin	0.427	mg/kg		2.2	2.2		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	6010	7429-90-5	Aluminum	1840	mg/kg	J	50	7392		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	6010	7440-39-3	Barium	43.8	mg/kg		330	1440		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	6010	7440-41-7	Beryllium	0.168	mg/kg	U	15	15		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	6010	7440-70-2	Calcium	3120	mg/kg					
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	6010	7440-47-3	Chromium	394	mg/kg	J	0.29	0.29		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	6010	7440-48-4	Cobalt	10.1	mg/kg		2.2	2.2		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	6010	7440-50-8	Copper	75.7	mg/kg		28	298		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	6010	7439-89-6	Iron	23900	mg/kg	J	5280	5280		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	6010	7439-95-4	Magnesium	13000	mg/kg	J				
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	6010	7439-96-5	Manganese	311	mg/kg	J	173	173		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	6010	7440-02-0	Nickel	190	mg/kg	J	38	134		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	6010	7440-09-7	Potassium	147	mg/kg	J				
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	6010	7440-23-5	Sodium	151	mg/kg	U				
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	6010	7440-62-2	Vanadium	22.9	mg/kg		7.8	37		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	6010	7440-66-6	Zinc	122	mg/kg		46	2208		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	6020	7440-36-0	Antimony	1.59	mg/kg	J	0.27	3		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	6020	7440-38-2	Arsenic	5.86	mg/kg		0.43	0.43		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	6020	7440-43-9	Cadmium	1.08	mg/kg		0.36	0.68		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	6020	7439-92-1	Lead	190	mg/kg	J	11	192		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	6020	7782-49-2	Selenium	0.403	mg/kg	J	0.52	37		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	6020	7440-22-4	Silver	0.111	mg/kg	J	4.2	37		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	6020	7440-28-0	Thallium	0.0492	mg/kg	U	0.05	0.075		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	7471	7439-97-6	Mercury	0.0305	mg/kg	U	0.013	1.1		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	8082	12674-11-2	Aroclor-1016	0.00128	mg/kg	U	0.041	0.1		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	8082	11104-28-2	Aroclor-1221	0.00549	mg/kg	U	0.041	0.19		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	8082	11141-16-5	Aroclor-1232	0.00439	mg/kg	U	0.041	0.16		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	8082	53469-21-9	Aroclor-1242	0.00222	mg/kg	U	0.041	0.22		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	8082	12672-29-6	Aroclor-1248	0.00583	mg/kg	U	0.041	0.22		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	8082	11097-69-1	Aroclor-1254	0.00182	mg/kg	U	0.029	0.029		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	8082	11096-82-5	Aroclor-1260	0.0619	mg/kg		0.041	0.23		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	NWTPH-DX	TPH-D	Diesel Range Organics	44.7	mg/kg		260	1100		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	NWTPH-DX	MOIL	Residual Range Organics	336	mg/kg		260	2800		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.000683	mg/kg	U	1.8	1.8		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.00151	mg/kg	U	2.2	2.2		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000528	mg/kg	U	2.2	2.2		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	PSEP Butyltins	688-73-3	Tributyltin	0.00109	mg/kg	U	2.2	2.2		
TRA06	723571.512	7834010.158	12/4/2001	0 - 1	SO	N	011204TRA06SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0676	mg/kg		0.0073	0.23		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	6010	7429-90-5	Aluminum	6350	mg/kg	J	50	7392		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	6010	7440-39-3	Barium	55.1	mg/kg		330	1440		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	6010	7440-41-7	Beryllium	0.19	mg/kg	U	15	15		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	6010	7440-70-2	Calcium	3490	mg/kg					
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	6010	7440-47-3	Chromium	104	mg/kg	J	0.29	0.29		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	6010	7440-48-4	Cobalt	10.8	mg/kg		2.2	2.2		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	6010	7440-50-8	Copper	52.4	mg/kg		28	298		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	6010	7439-89-6	Iron	24400	mg/kg	J	5280	5280		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	6010	7439-95-4	Magnesium	7250	mg/kg	J				
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	6010	7439-96-5	Manganese	386	mg/kg	J	173	173		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	6010	7440-02-0	Nickel	44.7	mg/kg	J	38	134		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	6010	7440-09-7	Potassium	331	mg/kg	J				
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	6010	7440-23-5	Sodium	171	mg/kg	U				
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	6010	7440-62-2	Vanadium	46.4	mg/kg		7.8	37		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	6010	7440-66-6	Zinc	190	mg/kg		46	2208		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	6020	7440-36-0	Antimony	1.86	mg/kg	J	0.27	3		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	6020	7440-38-2	Arsenic	5.83	mg/kg		0.43	0.43		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	6020	7440-43-9	Cadmium	1.55	mg/kg		0.36	0.68		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	6020	7439-92-1	Lead	639	mg/kg	J	11	192		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	6020	7782-49-2	Selenium	0.675	mg/kg	J	0.52	37		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	6020	7440-22-4	Silver	0.173	mg/kg	J	4.2	37		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	6020	7440-28-0	Thallium	0.145	mg/kg	J	0.05	0.075		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	7471	7439-97-6	Mercury	0.105	mg/kg		0.013	1.1		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	8082	12674-11-2	Aroclor-1016	0.00131	mg/kg	U	0.041	0.1		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	8082	11104-28-2	Aroclor-1221	0.00561	mg/kg	U	0.041	0.19		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	8082	11141-16-5	Aroclor-1232	0.00448	mg/kg	U	0.041	0.16		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	8082	53469-21-9	Aroclor-1242	0.00239	mg/kg	U	0.041	0.22		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	8082	12672-29-6	Aroclor-1248	0.00595	mg/kg	U	0.041	0.22		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	8082	11097-69-1	Aroclor-1254	0.00186	mg/kg	U	0.029	0.029		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	8082	11096-82-5	Aroclor-1260	0.0217	mg/kg		0.041	0.23		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	NWTPH-DX	TPH-D	Diesel Range Organics	35.1	mg/kg		260	1100		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	NWTPH-DX	MOIL	Residual Range Organics	195	mg/kg		260	2800		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.000694	mg/kg	U	1.8	1.8		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.0011	mg/kg	U	2.2	2.2		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000536	mg/kg	U	2.2	2.2		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	PSEP Butyltins	688-73-3	Tributyltin	0.00153	mg/kg	U	2.2	2.2		
TRA07	723582.603	7834014.013	12/4/2001	0 - 1	SO	N	011204TRA07SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0236	mg/kg		0.0073	0.23		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	6010	7429-90-5	Aluminum	9320	mg/kg	J	50	7392		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	6010	7440-39-3	Barium	60.2	mg/kg		330	1440		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	6010	7440-41-7	Beryllium	0.369	mg/kg	J	15	15		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	6010	7440-70-2	Calcium	5970	mg/kg					

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	6010	7440-47-3	Chromium	14.8	mg/kg	J	0.29	0.29		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	6010	7440-48-4	Cobalt	15.1	mg/kg		2.2	2.2		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	6010	7440-50-8	Copper	42.6	mg/kg		28	298		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	6010	7439-89-6	Iron	23700	mg/kg	J	5280	5280		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	6010	7439-95-4	Magnesium	7540	mg/kg	J				
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	6010	7439-96-5	Manganese	418	mg/kg	J	173	173		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	6010	7440-02-0	Nickel	16.6	mg/kg	J	38	134		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	6010	7440-09-7	Potassium	564	mg/kg					
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	6010	7440-23-5	Sodium	249	mg/kg					
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	6010	7440-62-2	Vanadium	49.5	mg/kg		7.8	37		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	6010	7440-66-6	Zinc	45.6	mg/kg		46	2208		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	6020	7440-36-0	Antimony	3.01	mg/kg	U	0.27	3		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	6020	7440-38-2	Arsenic	9.29	mg/kg		0.43	0.43		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	6020	7440-43-9	Cadmium	0.801	mg/kg		0.36	0.68		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	6020	7439-92-1	Lead	17.5	mg/kg	J	11	192		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	6020	7782-49-2	Selenium	0.388	mg/kg	U	0.52	37		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	6020	7440-22-4	Silver	0.141	mg/kg	J	4.2	37		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	6020	7440-28-0	Thallium	0.156	mg/kg	J	0.05	0.075		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	7471	7439-97-6	Mercury	0.0297	mg/kg	U	0.013	1.1		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	8082	12674-11-2	Aroclor-1016	0.00124	mg/kg	U	0.041	0.1		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	8082	11104-28-2	Aroclor-1221	0.00533	mg/kg	U	0.041	0.19		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	8082	11141-16-5	Aroclor-1232	0.00425	mg/kg	U	0.041	0.16		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	8082	53469-21-9	Aroclor-1242	0.00227	mg/kg	U	0.041	0.22		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	8082	12672-29-6	Aroclor-1248	0.00566	mg/kg	U	0.041	0.22		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	8082	11097-69-1	Aroclor-1254	0.00176	mg/kg	U	0.029	0.029		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	8082	11096-82-5	Aroclor-1260	0.00442	mg/kg	J	0.041	0.23		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	NWTPH-DX	TPH-D	Diesel Range Organics	14.9	mg/kg	U	260	1100		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	NWTPH-DX	MOIL	Residual Range Organics	29.7	mg/kg	U	260	2800		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	PSEP Butyltins	1002-53-5	Dibutyltin	0.00072	mg/kg	U	1.8	1.8		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	PSEP Butyltins	78763-54-9	Monobutyltin	0.00159	mg/kg	U	2.2	2.2		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000557	mg/kg	U	2.2	2.2		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	PSEP Butyltins	688-73-3	Tributyltin	0.00115	mg/kg	U	2.2	2.2		
TRA07	723582.603	7834014.013	12/6/2001	2 - 2	SO	N	011206TRA15ss	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.00618	mg/kg		0.0073	0.23		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	6010	7429-90-5	Aluminum	7710	mg/kg	J	50	7392		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	6010	7440-39-3	Barium	80.1	mg/kg		330	1440		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	6010	7440-41-7	Beryllium	0.454	mg/kg	U	15	15		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	6010	7440-70-2	Calcium	4380	mg/kg					
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	6010	7440-47-3	Chromium	249	mg/kg	J	0.29	0.29		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	6010	7440-48-4	Cobalt	13.3	mg/kg		2.2	2.2		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	6010	7440-50-8	Copper	69.6	mg/kg		28	298		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	6010	7439-89-6	Iron	30100	mg/kg	J	5280	5280		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	6010	7439-95-4	Magnesium	9860	mg/kg	J				
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	6010	7439-96-5	Manganese	531	mg/kg	J	173	173		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	6010	7440-02-0	Nickel	117	mg/kg	J	38	134		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	6010	7440-09-7	Potassium	350	mg/kg	J				
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	6010	7440-23-5	Sodium	227	mg/kg	U				
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	6010	7440-62-2	Vanadium	44.5	mg/kg		7.8	37		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	6010	7440-66-6	Zinc	238	mg/kg		46	2208		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	6020	7440-36-0	Antimony	9.08	mg/kg		0.27	3		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	6020	7440-38-2	Arsenic	13.5	mg/kg		0.43	0.43		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	6020	7440-43-9	Cadmium	1.6	mg/kg		0.36	0.68		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	6020	7439-92-1	Lead	550	mg/kg	J	11	192		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	6020	7782-49-2	Selenium	3.4	mg/kg	U	0.52	37		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	6020	7440-22-4	Silver	0.155	mg/kg	J	4.2	37		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	6020	7440-28-0	Thallium	0.0782	mg/kg	J	0.05	0.075		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	7471	7439-97-6	Mercury	0.0542	mg/kg		0.013	1.1		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	8082	12674-11-2	Aroclor-1016	0.0121	mg/kg	U	0.041	0.1		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	8082	11104-28-2	Aroclor-1221	0.0121	mg/kg	U	0.041	0.19		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	8082	11141-16-5	Aroclor-1232	0.0121	mg/kg	U	0.041	0.16		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	8082	53469-21-9	Aroclor-1242	0.0121	mg/kg	U	0.041	0.22		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	8082	12672-29-6	Aroclor-1248	0.0121	mg/kg	U	0.041	0.22		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	8082	11097-69-1	Aroclor-1254	0.0121	mg/kg	U	0.029	0.029		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	8082	11096-82-5	Aroclor-1260	0.0362	mg/kg		0.041	0.23		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	NWTPH-DX	TPH-D	Diesel Range Organics	16.1	mg/kg	J	260	1100		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	NWTPH-DX	MOIL	Residual Range Organics	129	mg/kg		260	2800		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.00225	mg/kg	U	1.8	1.8		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.003	mg/kg	U	2.2	2.2		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.0015	mg/kg	U	2.2	2.2		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	FD	011204TRA10SS	PSEP Butyltins	688-73-3	Tributyltin	0.003	mg/kg	U	2.2	2.2		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	6010	7429-90-5	Aluminum	10100	mg/kg	J	50	7392		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	6010	7440-39-3	Barium	92.2	mg/kg		330	1440		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	6010	7440-41-7	Beryllium	0.241	mg/kg	J	15	15		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	6010	7440-70-2	Calcium	4840	mg/kg					
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	6010	7440-47-3	Chromium	160	mg/kg	J	0.29	0.29		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	6010	7440-48-4	Cobalt	15.1	mg/kg		2.2	2.2		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	6010	7440-50-8	Copper	66.9	mg/kg		28	298		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	6010	7439-89-6	Iron	31800	mg/kg	J	5280	5280		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	6010	7439-95-4	Magnesium	9860	mg/kg	J				
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	6010	7439-96-5	Manganese	675	mg/kg	J	173	173		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	6010	7440-02-0	Nickel	76.4	mg/kg	J	38	134		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	6010	7440-09-7	Potassium	421	mg/kg	J				
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	6010	7440-23-5	Sodium	172	mg/kg	U				
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	6010	7440-62-2	Vanadium	52	mg/kg		7.8	37		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	6010	7440-66-6	Zinc	279	mg/kg		46	2208		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	6020	7440-36-0	Antimony	2.39	mg/kg	J	0.27	3		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	6020	7440-38-2	Arsenic	10.5	mg/kg		0.43	0.43		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	6020	7440-43-9	Cadmium	1.92	mg/kg		0.36	0.68		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	6020	7439-92-1	Lead	544	mg/kg	J	11	192		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	6020	7782-49-2	Selenium	0.649	mg/kg	J	0.52	37		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	6020	7440-22-4	Silver	0.178	mg/kg	J	4.2	37		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	6020	7440-28-0	Thallium	0.0962	mg/kg	J	0.05	0.075		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	7471	7439-97-6	Mercury	0.0802	mg/kg		0.013	1.1		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	8082	12674-11-2	Aroclor-1016	0.00132	mg/kg	U	0.041	0.1		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	8082	11104-28-2	Aroclor-1221	0.00567	mg/kg	U	0.041	0.19		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	8082	11141-16-5	Aroclor-1232	0.00452	mg/kg	U	0.041	0.16		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	8082	53469-21-9	Aroclor-1242	0.00242	mg/kg	U	0.041	0.22		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	8082	12672-29-6	Aroclor-1248	0.00602	mg/kg	U	0.041	0.22		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	8082	11097-69-1	Aroclor-1254	0.00188	mg/kg	U	0.029	0.029		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	8082	11096-82-5	Aroclor-1260	0.0173	mg/kg		0.041	0.23		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	NWTPH-DX	TPH-D	Diesel Range Organics	16.1	mg/kg	J	260	1100		

Appendix D. Summary of Historical Data

Upland OU Supplemental Remedial Investigation Work Plan, Bradford Island NPL Site, Cascade Locks, Oregon

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	NWTPH-DX	MOIL	Residual Range Organics	150	mg/kg		260	2800		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.000671	mg/kg	U	1.8	1.8		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.00148	mg/kg	U	2.2	2.2		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000519	mg/kg	U	2.2	2.2		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	PSEP Butyltins	688-73-3	Tributyltin	0.00148	mg/kg	U	2.2	2.2		
TRA09	723529.898	7834097.729	12/4/2001	0 - 1	SO	N	011204TRA09SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.0287	mg/kg		0.0073	0.23		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	6010	7429-90-5	Aluminum	3090	mg/kg	J	50	7392		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	6010	7440-39-3	Barium	54.1	mg/kg		330	1440		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	6010	7440-41-7	Beryllium	0.19	mg/kg	U	15	15		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	6010	7440-70-2	Calcium	2680	mg/kg					
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	6010	7440-47-3	Chromium	749	mg/kg	J	0.29	0.29		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	6010	7440-48-4	Cobalt	13.8	mg/kg		2.2	2.2		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	6010	7440-50-8	Copper	68.4	mg/kg		28	298		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	6010	7439-89-6	Iron	30000	mg/kg	J	5280	5280		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	6010	7439-95-4	Magnesium	23000	mg/kg	J				
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	6010	7439-96-5	Manganese	529	mg/kg	J	173	173		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	6010	7440-02-0	Nickel	247	mg/kg	J	38	134		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	6010	7440-09-7	Potassium	186	mg/kg	J				
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	6010	7440-23-5	Sodium	171	mg/kg	U				
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	6010	7440-62-2	Vanadium	29.7	mg/kg		7.8	37		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	6010	7440-66-6	Zinc	211	mg/kg		46	2208		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	6020	7440-36-0	Antimony	2.42	mg/kg	J	0.27	3		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	6020	7440-38-2	Arsenic	8.15	mg/kg		0.43	0.43		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	6020	7440-43-9	Cadmium	2.53	mg/kg		0.36	0.68		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	6020	7439-92-1	Lead	358	mg/kg	J	11	192		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	6020	7782-49-2	Selenium	0.454	mg/kg	U	0.52	37		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	6020	7440-22-4	Silver	0.118	mg/kg	J	4.2	37		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	6020	7440-28-0	Thallium	0.0556	mg/kg	U	0.05	0.075		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	7471	7439-97-6	Mercury	0.0301	mg/kg	J	0.013	1.1		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	8082	12674-11-2	Aroclor-1016	0.00127	mg/kg	U	0.041	0.1		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	8082	11104-28-2	Aroclor-1221	0.00542	mg/kg	U	0.041	0.19		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	8082	11141-16-5	Aroclor-1232	0.00433	mg/kg	U	0.041	0.16		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	8082	53469-21-9	Aroclor-1242	0.00231	mg/kg	U	0.041	0.22		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	8082	12672-29-6	Aroclor-1248	0.00575	mg/kg	U	0.041	0.22		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	8082	11097-69-1	Aroclor-1254	0.0018	mg/kg	U	0.029	0.029		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	8082	11096-82-5	Aroclor-1260	0.282	mg/kg		0.041	0.23		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	NWTPH-DX	TPH-D	Diesel Range Organics	122	mg/kg		260	1100		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	NWTPH-DX	MOIL	Residual Range Organics	276	mg/kg		260	2800		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.0635	mg/kg		1.8	1.8		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.00891	mg/kg		2.2	2.2		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000601	mg/kg	U	2.2	2.2		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	PSEP Butyltins	688-73-3	Tributyltin	0.0658	mg/kg		2.2	2.2		
TRA11	723576.628	7834003.801	12/4/2001	0 - 1	SO	N	011204TRA11SS	Tot_Aroclor_Calc	TPCB_Aroclor_MDL	Calc Total PCB Aroclor (MDL)	0.284	mg/kg		0.0073	0.23		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	6010	7429-90-5	Aluminum	2590	mg/kg	J	50	7392		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	6010	7440-39-3	Barium	35.7	mg/kg		330	1440		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	6010	7440-41-7	Beryllium	0.185	mg/kg	U	15	15		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	6010	7440-70-2	Calcium	2610	mg/kg					
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	6010	7440-47-3	Chromium	123	mg/kg	J	0.29	0.29		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	6010	7440-48-4	Cobalt	6.95	mg/kg		2.2	2.2		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	6010	7440-50-8	Copper	29.6	mg/kg		28	298		

Location	Northing	Easting	Date	Sample Interval (feet bgs)	Matrix	Sample Type	Sample	Method	CAS	Analyte	Result	Units	Flag	Soil SLV * (0-3 feet)	Soil SLV* (0-10 feet)	Groundwater SLV*	Surface water/Seep SLV*
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	6010	7439-89-6	Iron	15800	mg/kg	J	5280	5280		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	6010	7439-95-4	Magnesium	5110	mg/kg	J				
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	6010	7439-96-5	Manganese	198	mg/kg	J	173	173		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	6010	7440-02-0	Nickel	60.2	mg/kg	J	38	134		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	6010	7440-09-7	Potassium	225	mg/kg	J				
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	6010	7440-23-5	Sodium	166	mg/kg	U				
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	6010	7440-62-2	Vanadium	30.4	mg/kg		7.8	37		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	6010	7440-66-6	Zinc	119	mg/kg		46	2208		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	6020	7440-36-0	Antimony	3.43	mg/kg	U	0.27	3		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	6020	7440-38-2	Arsenic	2.87	mg/kg		0.43	0.43		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	6020	7440-43-9	Cadmium	1.07	mg/kg		0.36	0.68		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	6020	7439-92-1	Lead	346	mg/kg	J	11	192		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	6020	7782-49-2	Selenium	0.442	mg/kg	U	0.52	37		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	6020	7440-22-4	Silver	0.088	mg/kg	J	4.2	37		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	6020	7440-28-0	Thallium	0.0541	mg/kg	U	0.05	0.075		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	7471	7439-97-6	Mercury	0.0268	mg/kg	U	0.013	1.1		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	8082	12674-11-2	Aroclor-1016	0.00127	mg/kg	U	0.041	0.1		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	8082	11104-28-2	Aroclor-1221	0.00544	mg/kg	U	0.041	0.19		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	8082	11141-16-5	Aroclor-1232	0.00435	mg/kg	U	0.041	0.16		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	8082	53469-21-9	Aroclor-1242	0.00232	mg/kg	U	0.041	0.22		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	8082	12672-29-6	Aroclor-1248	0.00578	mg/kg	U	0.041	0.22		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	8082	11097-69-1	Aroclor-1254	0.0018	mg/kg	U	0.029	0.029		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	8082	11096-82-5	Aroclor-1260	0.0962	mg/kg		0.041	0.23		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	NWTPH-DX	TPH-D	Diesel Range Organics	40.9	mg/kg		260	1100		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	NWTPH-DX	MOIL	Residual Range Organics	407	mg/kg		260	2800		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	PSEP Butyltins	1002-53-5	Dibutyltin	0.000783	mg/kg	U	1.8	1.8		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	PSEP Butyltins	78763-54-9	Monobutyltin	0.00173	mg/kg	U	2.2	2.2		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	PSEP Butyltins	1461-25-2	Tetrabutyltin	0.000605	mg/kg	U	2.2	2.2		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	PSEP Butyltins	688-73-3	Tributyltin	0.00125	mg/kg	U	2.2	2.2		
TRA12	723595.854	7834025.198	12/4/2001	0 - 1	SO	N	011204TRA12SS	Tot_Aroclor_Calc	˜PCB_Aroclor_MDI	Calc Total PCB Aroclor (MDL)	0.0962	mg/kg		0.0073	0.23		

* SLV sources are provided in Appendix A.

Notes:
bgs = below ground surface
Calc Total cPAHs (KM, Capped-MDL) = total carcinogenic polycyclic aromatic hydrocarbons calculated using KM capped statistics with nondetects set to the method detection limit
Calc Total HPAHs (KM, Capped-MDL) = total high molecular weight polycyclic aromatic hydrocarbons calculated using KM capped statistics with nondetects set to the method detection limit
Calc Total LPAHs (KM, Capped-MDL) = total low molecular weight polycyclic aromatic hydrocarbons calculated using KM capped statistics with nondetects set to the method detection limit
Calc Total PCB Congeners (KM, capped-MDL) = total polychlorinated biphenyl congeners calculated using KM capped statistics with nondetects set to the method detection limit
FD = field duplicate
mg/kg = milligram(s) per kilogram
N = normal
SO = soil
SLV = screening level value
ug/L = microgram(s) per liter
WG = groundwater